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Via Electronic and US Mail

May 1, 2025

Joseph A. Gowers
Remedial Project Manager
Emergency and Remedial Response Division
USEPA Region II
290 Broadway, 19th Floor
New York, New York 1007-1866

Re: Ringwood Mines Landfill Superfund Site
Interim Groundwater and Surface Water Monitoring Program Report
13th Sampling Event, March 2025

Dear Mr. Gowers:

During the period of February 24 through March 3, 2025 (collectively the March 2025 sampling event), Tetra Tech Inc. (Tetra Tech), on behalf of Ford Motor Company (Ford), completed the 13th sampling event in accordance with the Interim Groundwater and Surface Water Monitoring Program (Interim Program) for the Ringwood Mines Landfill Superfund Site (Site). The scope of the Interim Program is detailed in the Final Remedial Design Report, Ringwood Mines/Landfill Superfund Site, Operable Unit Two (OU-2) (Cornerstone, Revised October 2017) and the Final Remedial Design Addendum, Ringwood Mines/Landfill Superfund Site, OU-2 (Cornerstone, October 2018). Both documents were approved by the United States Environmental Protection Agency (USEPA) via a letter dated October 22, 2018, and were required under the September 12, 2014, Administrative Order of Consent (AOC) and the August 5, 2020, Consent Decree for Remedial Action for OU-2.

Also note that, effective as of the August 2024 sampling event, multi-port bedrock sentinel monitoring wells RW-17, RW-18 and RW-19, were added into the Interim Program as approved by USEPA via letter dated July 22, 2024. These bedrock sentinel wells were installed as part of the Operable Unit Three (OU-3) Pre-Design Investigation (Pre-Design Investigation Report, Ringwood Mines/Landfill Superfund Site, Site-Related Groundwater, Tetra Tech, June 2024).

In accordance with the OU-2 Final Remedial Design Report, and as summarized in the February 15, 2021, Work Plan, the Interim Program consists of the collection of groundwater and surface water samples from select locations at either a quarterly or semi-annual frequency. Quarterly sampling was planned from locations associated with the Peters Mine Pit (PMP) and surrounding area for a period of one year (i.e., four sampling events). Sampling would thereafter be conducted semi-annually, provided that the quarterly monitoring data indicated stable groundwater quality. However, the start of the OU-2 Remedial Action field activities was delayed until November 2021, so Ford recommended that quarterly sampling continue for one additional year to meet the objective that the quarterly sampling monitors groundwater quality during the OU-2 field activities. Therefore, based on the OU-2 Remedial Action project schedule, quarterly sampling continued throughout 2022.

As recommended following completion of the November 2022 quarterly sampling event, and subsequently approved by the USEPA via email dated March 15, 2023, the Interim Program will continue with semi-annual sampling as provided for in the approved OU-2 Remedial Action Work Plan.

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Semi-annual groundwater sampling is conducted at locations associated with the OU-2 land Areas of Concern (ACs,) including the PMP, O'Connor Disposal Area (OCDA), the Cannon Mine Pit (CMP), and the Sally's Pond Area (SPA), and surface water is sampled at nearby and downstream sample locations. The Interim Program will be implemented until such time as a final Groundwater Monitoring Plan is developed and approved as part of OU-3, Site-Related Groundwater Remedial Action Design. The analytical work scope and methods are discussed in detail below.

The 13th sampling event under the Interim Program was preceded by the collection of a synoptic round of water levels from accessible monitoring well locations on February 24, 2025. The sample locations, sampling procedures, analytical methods, and a discussion of the groundwater analytical results are presented in the sections that follow.

Sampling Locations

As part of the March 2025 semi-annual Interim Program event, sampling was conducted, or attempted, at the following 43 monitoring wells, including 26 monitoring wells in the PMP Area, five monitoring wells in the OCDA, eight monitoring wells in the CMP Area, and four monitoring wells in the SPA. In addition, a total of 21 surface water locations were sampled. Sample locations are illustrated on Figure 1 provided in Attachment A. In addition, groundwater monitoring well construction details are provided in Table 1 and water level measurements are provided in Table 2.

PMP				
OB-11R	OB-32	RW-6	RW-14D^	RW-18S*
OB-19^	RW-3	RW-6A	RW-15S	RW-18DS*
OB-20B	RW-3DS	RW-11S	RW-15D	RW-18DD*
OB-27	RW-3DD	RW-11D	RW-17S*	RW-19S*
OB-31	RW-5^	RW-14S^	RW-17DS*	RW-19DS*
				RW-19DD*

OCDA				
OB-14A	OB-16	OB-17	OB-24	RW-16

CMP		
RW-8S	RW-8D	RW-2
RW-2D	RW-9	RW-10S^
RW-10D^	OB-3^	

SPA			
OB-10^	OB-29^	RW-12S^	RW-12D^

Surface Water Locations				
PAB-00	PAB-04	MRB-03	SW-03	SR-3 Seep 2
PAB-01	SP-01	NOB-01	SW-04	
PAB-01A	MRB-00	NOB-02	SW-11	
PAB-02	MRB-01	PMB-01	SR3-Pond	
PAB-03	MRB-02	PMB-02	SR-3 Seep 1	

^ - Locations added to sampling program per OU-2 Final Remedial Design Addendum.

* - Locations added to sampling program per OU-3 Pre-Design Investigation Report and July 22, 2024, USEPA approval.

During the March 2025 sampling event, location SR-3 Seep 1 was dry, and therefore a sample could not be collected. This is not unusual, as SR-3 Seep 1 has been frequently dry following completion of the OU-2 Remedial Action within the PMP Area. Additionally, due to low temperatures during the month of February, location SR-3 Pond was frozen, and therefore a sample could not be collected.

Sample Collection and Analyses

Groundwater samples were collected using low-flow sampling methodology consistent with previously approved and implemented practices. Field sampling data sheets are provided for reference in Attachment B. To maximize sample volume, purge rates established during prior sampling events were used. Details regarding purge rates and sampling dates are provided in Table 3 and field parameter measurements at the time of sampling are summarized in Table 4.

Following collection, the sample bottles were placed on ice in a cooler and sent under chain of custody to Eurofins Laboratories (Eurofins) for analysis. The groundwater samples were analyzed for the Target Compound List (TCL) Volatile Organic Compounds (VOCs), 1,4-dioxane, and total and dissolved arsenic and lead. The samples were analyzed using the following methods:

- VOCs – USEPA Method 8260B
- 1,4-dioxane – USEPA Method 8270D SIM with Isotope Dilution
- Arsenic and lead (total and dissolved) – USEPA Method 6020A

Upon receipt of the laboratory analytical data and reports, Cadena, Inc. (Cadena) conducted a level two validation of the laboratory analytical results for the sample delivery groups (SDGs) generated by Eurofins during this sampling event. A copy of the laboratory and data validation reports is provided in Attachments C and D, respectively.

Groundwater Elevation Data

On February 24, 2025, a synoptic round of water levels was taken prior to sampling at each of the groundwater monitoring wells included in the Interim Program. Groundwater elevation data from this synoptic round of water level measurements are summarized in Table 2 and presented on Figures 2 through 6 provided in Attachment A. These figures present the groundwater contours of equal groundwater elevation, and the generalized groundwater flow gradient as follows:

- Figure 2 – Overburden Well Locations and Overburden Groundwater Contours in the Peters Mine Pit – February 2025
- Figure 3 – Well Locations and Shallow Bedrock Potentiometric Surface Contours in the Peters Mine Pit – February 2025
- Figure 4 – Well Locations and Overburden Groundwater Elevation Contours in the Former OCDA – February 2025
- Figure 5 – Well Locations and Shallow Bedrock Potentiometric Surface Contours in the CMP – February 2025
- Figure 6 – Well Locations and Deep Bedrock Potentiometric Surface Contours in the CMP – February 2025

As shown in Figures 2 and 4, the groundwater flow gradient in the overburden is generally to the southeast from the PMP Area towards OCDA. As shown in Figure 3, the groundwater flow gradient in the shallow bedrock in the PMP Area is generally to the southeast. As shown in Figures 5 and 6, the groundwater flow gradient in the shallow and deep bedrock in the CMP Area is primarily from the bedrock ridge towards the southeast with a component of flow to the southwest towards the Mine Brook. The flow gradients in each of the three land ACs are consistent with the findings of the OU-3 Site-Related Groundwater Remedial Investigation (RI) as outlined in the RI Report dated January 2015.

Analytical Data

The results of the March 2025 Interim Program are summarized in the enclosed data tables that are listed below.

- Table 1 – Monitoring Well Construction Details
- Table 2 – Site Wide Water Level Measurements – February 24, 2025
- Table 3 – Summary of Well Purging and Sample Collection
- Table 4 – Summary of Field Parameters at Sampling Time – Overburden/Bedrock Wells
- Tables 5A – 5B – Summary of Detected Analytes in Groundwater – Summary of Analytical Results in Groundwater - PMP Area
- Tables 6A – 6B – Summary of Detected Analytes in Groundwater – Summary of Analytical Results in Groundwater - OCDA
- Tables 7A – 7B – Summary of Detected Analytes in Groundwater – Summary of Analytical Results in Groundwater - CMP Area
- Tables 8A – 8B – Summary of Detected Analytes in Groundwater – Summary of Analytical Results in Groundwater - SPA
- Tables 9A – 9B – Summary of Detected Analytes in Groundwater – Summary of Analytical Results in Surface Water
- Table 10 – Summary of Analytical Results in Field and Trip Blanks
- Table 11 – CADENA Valid Qualifiers
- Table 12 – Summary of Benzene, Chloroethane, 1,4-dioxane, Arsenic and Lead
- Table 13A – 13B – Summary of Historical Groundwater and Surface Water Results for Benzene, Chloroethane, 1,4-dioxane, Arsenic and Lead.

As shown in the enclosed tables, analytical data are organized by providing summary tables of detected parameters (i.e., only those locations and parameters for which there were detected constituents), followed by tabulation of the complete data sets (i.e., all locations and parameters).

In addition, Table 12 provides a summary of water quality data for the Site Constituents of Concern (COCs), which includes benzene, 1,4-dioxane, chloroethane, arsenic, and lead for this sampling event.

Tables 13A and 13B summarize historical data for the Site COCs at monitoring well and surface water sampling locations from 2004 to the present. These data tables are provided for consistency with Table 13 from the OU-3 Site-Related Groundwater Remedial Investigation (RI) Report dated January 2015 for comparison of historical and current data for these parameters, and as required by the USEPA's April 14, 2021, letter providing comments on the first quarter 2021 sampling event report.

The results of the March 2025 Interim Program are also summarized in the enclosed figures that are listed below.

- Figure 7 – Overburden Groundwater COC Concentrations in the Peters Mine Pit – March 2025
- Figure 8 – Bedrock Groundwater COC Concentrations in the Peters Mine Pit – March 2025
- Figure 9 – Overburden Groundwater COC Concentrations in the Former OCDA – March 2025
- Figure 10 – Groundwater COC Concentrations in the CMP – March 2025
- Figure 11 – Surface Water COC Concentrations – March 2025

Following the Tables, a set of Time-Series graphs illustrating the COC concentrations over time for monitoring well and surface water sampling locations included in the Interim Program are provided. A Time-Series graph was prepared at well and surface water sample locations at which at least one COC exceeded an applicable standard more than twice. To facilitate the interpretation of the data, the Time-Series graphs are organized to depict upgradient wells/upstream locations to downgradient wells/downstream locations per Land AC, the SPA, and

surface water areas. The upgradient wells/upstream locations to downgradient wells/downstream locations were determined using Figures 2 through 6 and Figure 11.

As requested by the New Jersey Department of Environmental Protection (NJDEP) via letter dated December 7, 2021, the Time-Series graphs show data from only the last seven to eight sampling events (where available). The graphs show concentrations for each COC in micrograms per liter (ug/L) on the Y axis with each sampling event date on the X axis. Due to varying COC concentrations, two graphs - one for metals and one for VOCs - are presented for each location. Note, however, that two graphs have been prepared for the VOC data for PMP Area overburden well OB-27 because chloroethene is reported at much higher concentrations in comparison to the other site-related VOCs.

Results Summary

The results of the March 2025 Interim Program are summarized in the following sections that are organized by Land ACs, the SPA, surface water, and quality control data. Note that the parenthetical depth intervals used in the following sections and throughout the remainder of this report represent the monitoring well sample depth in feet below ground surface (bgs). Analytical results are summarized on Tables 5 through 13, Figures 7 through 11, and the Time Series Graphs.

Peters Mine Pit Area – Groundwater

- As shown on Tables 5A and 5B and on Figures 7 and 8, the analytical results indicate that VOCs are either non-detect (ND) or below their respective New Jersey Groundwater Quality Standard (NJGWQS) with the exception of benzene and chloroethane. Bedrock monitoring wells RW-11D (262-267') and RW-6A are reported to have benzene concentrations of 11 ug/L and 1.5 ug/L, respectively, which exceeds the NJGWQS of 1.0.
    - As shown on Table 13A and in the Time-Series Graphs, the benzene concentration reported in groundwater at bedrock well RW-11D (262-267') has increased since 2012; with a slight decline in the March 2025 sampling event in comparison to the previous three sampling events.

- As shown on Table 5A and on Figures 7 and 8, overburden monitoring wells OB-11R, OB-19, and OB-27 are reported to have chloroethane concentrations of 35 ug/L, 5.1 ug/L and 52 ug/L, respectively, which exceeds the NJIGWQC of 5.0 ug/L.

    - As shown on Table 13A and in the Time-Series Graphs, the chloroethane concentration reported in groundwater at well OB-11R has fluctuated over time with a range of 17 ug/L in February 2017 to 40 ug/L in August 2023. The data show an overall increasing trend since 2017 with the concentration stabilized over the past two sampling events.

    - The chloroethane concentration reported in groundwater at well OB-19 has fluctuated over time with a range of not detectable (ND) in August 2017 to 8.7 ug/L in December 2015. The concentration has increased in this sampling event but remains within the historical range of results.

    - The chloroethane concentration reported in groundwater at well OB-27 has fluctuated over time with a range of 48 ug/L in December 2015 to 208 ug/L in April 2012. The concentration declined over two sampling events beginning in November 2022, rebounded slightly in August 2023, declined over the past three sampling events, and remains within the historical range of results.

- As shown on Table 5A and on Figures 7 and 8, 1,4-dioxane was reported above its NJGWQS of 0.4 ug/L at 13 groundwater sampling locations. Detectable concentrations ranged from a concentration of 0.68 ug/L in groundwater at overburden monitoring well OB-31 to 58 ug/L in groundwater at bedrock monitoring well RW-11D (262-267').

- As shown on Table 13A and in the Time-Series Graphs, the reported concentration of 1,4-dioxane has fluctuated over time with concentrations ranging from ND to 15.5 ug/L in groundwater at the PMP Area overburden wells and ND to 88.3 ug/L in groundwater at the PMP Area bedrock wells. Additional observations are noted below:

  - The reported concentration of 1,4-dioxane in groundwater at bedrock monitoring well RW-14D (175-185') has been ND since 2021.

  - The reported concentration of 1,4-dioxane in groundwater at overburden monitoring wells OB-20B, OB-27, OB-31, and OB-32 and bedrock wells RW-3 (77-87'), RW-3DS (155-160'), RW-3DD (175-180') and RW-5 (99-119') also exhibits an overall decline through the March 2025 sampling event as compared to the 2017 analytical results.

    - Note that as shown in Table 13A, the reported concentration of 1,4-dioxane increased at overburden wells OB-20B and OB-32 in August 2024 in comparison to the results over the past six months to three years, with reported concentrations returning to prior levels during the March 2025 sampling event.

  - The current March 2025 sampling event data for RW-6 reported 1,4-dioxane as ND. This is the lowest concentration of 1,4-dioxane reported in groundwater at this location since initial data from 2016 and 2017, when concentrations were the highest reported.. The data indicate that the concentration slowly increased since November 2020 before leveling off in May 2022 and declining slightly over the past four sampling events.

  - The reported concentration of 1,4-dioxane in groundwater at bedrock monitoring well RW-11S (236-241') has fluctuated over time with a range of 0.6 ug/L in March of 2016 to 3.1 ug/L in November 2021, before declining slightly to concentrations between 1.5 ug/L and 2.3 ug/L over the last nine sampling events.

  - The reported concentration of 1,4-dioxane in groundwater at bedrock monitoring well RW-15S (110-120') illustrated an increasing trend between 2021 and 2023, with the February and August 2023 results of 0.79 ug/L representing the highest reported concentration at this well location. The results for the last two sampling events in August 2024 and March 2025 indicate a decline to 0.56 ug/L and ND, respectively.

- Analyses were performed for both total (unfiltered) and dissolved (filtered) arsenic and lead. The collection, analysis, and comparison of unfiltered and filtered results are important because the nitric acid that is used and required as a preservative for samples collected for analysis of metals lowers the pH of the sample to less than 2 (SI units). If suspended particulates in the unfiltered sample are elevated, metals that may be associated with the suspended particulates can leach into the water sample thus resulting in a potential bias high for the reported metal concentration for that sample.

- A lower concentration of the metal in the filtered sample, as compared to the unfiltered sample, indicates that the unfiltered result is likely not representative of the natural conditions in groundwater (i.e., the sediment within the sample is increasing the reported concentration).

- Conversely, unfiltered and filtered results which are close in reported concentration for that metal indicate that either there was no metal associated with suspended particulates, the suspended particulate level was

not significant, and/or the nitric acid preservative did not leach metals from any suspended particulates in the sample such that the unfiltered results are representative of actual groundwater quality.

- The results for these metals are shown in Table 5A and Figures 7 and 8 and are summarized as follows:
  - Total arsenic was reported above its NJGWQS of 3 ug/L in nine groundwater samples with concentrations ranging from 38.1 ug/L in OB-27 to 5.8 ug/L in RW-3DD (175-180').
    - Dissolved arsenic was reported above its NJGWQS of 3 ug/L in four samples with concentrations ranging from 13.5 ug/L in RW-15D (127-137') to 5.9 ug/L in RW-5 (99-119').
  - As shown on the Time-Series Graphs and Table 13A, the reported concentration of total arsenic in groundwater at bedrock monitoring well RW-15S (110-120') has declined, with the exception of the reported increase during the November 2023 sampling event. Total arsenic results in groundwater at bedrock wells RW-15D (127-137') and RW-5 (99-119') indicate fluctuating concentrations over time. Although fluctuating with time, the arsenic concentration at RW-5 (99-119') exhibits an overall decline since 2018.
    - At all three bedrock well locations, the total arsenic concentrations are generally comparable to the dissolved arsenic concentrations.
    - These concentrations typically occur at well locations where groundwater exhibits various degrees of reducing geochemical conditions and the fact that the total and dissolved concentrations are generally comparable is explained by the fact that the more soluble species of arsenic tends to occur under these conditions.
  - As shown in the Time-Series Graphs, the reported concentration of total arsenic in groundwater at bedrock well RW-3DS (155-160') exhibits a decreasing trend since 2021 albeit with a slight increase in reported concentration for the March 2025 sampling event, and the concentration in groundwater at bedrock well RW-3DD (175-180') exhibits a decreasing trend since 2017.
    - Consistent with the observations noted above, total arsenic concentrations are generally comparable to the dissolved arsenic concentrations at these locations.
  - As shown in the Time-Series Graphs and Table 13A, the total arsenic concentration in groundwater at overburden wells OB-11R, OB-27, OB-31 and OB-32 show fluctuating concentrations over time.
  - As presented in the OU-3 Site-Related Groundwater RI Report and other Groundwater Monitoring Reports for the Site, arsenic is naturally occurring in the native bedrock at the Site and the concentration trends are likely reflective of natural conditions at these bedrock well locations with fluctuations related to temporal changes in geochemical conditions and variable suspended particulate levels in the samples collected.
- Total lead was reported above its NJGWQS of 5 ug/L in three groundwater samples with concentrations ranging from 14.8 ug/L in RW-17S (96-111') to 6.9 ug/L in RW-18DS (112-122'). These results are inconsistent with previously collected data and should not be considered representative of natural conditions as reported below.
  - Dissolved lead was not detected in any of the PMP Area groundwater samples, indicating that the detected total lead results are biased high, and thus not representative of natural conditions due to the required use of nitric acid as a preservative, as discussed above.

O'Connor Disposal Area - Groundwater

- As shown in Tables 6A and 6B and Figure 9, the analytical results indicate that VOCs are either ND or at concentrations below their respective NJGWQS in all the groundwater samples collected as part of the Interim Program.

- As also shown in Table 6A and Figure 9, 1,4-dioxane was reported above its NJGWQS of 0.4 ug/L in groundwater at overburden monitoring well OB-17 at a concentration of 7.1 ug/L.

    - The reported 1,4-dioxane concentration in groundwater at well OB-17 has increased slightly since November 2022 but remains below the highest concentrations reported in August 2017 and February 2022 of 20.7 ug/L and 17 ug/L, respectively.

    - These data continue to indicate that 1,4-dioxane is persistently reported in overburden groundwater at well OB-17 in the OCDA, but the concentrations are sporadic with no detection of this constituent at any other OCDA monitoring wells. The data continue to indicate that 1,4-dioxane is generally localized to the immediate vicinity of OB-17.

- Note also that the August 2023, February 2024, August 2024 and March 2025 data= all report 1,4-dioxane as ND in groundwater at OCDA overburden monitoring well OB-16 which supports the conclusion that the February 2023 result of 8.8 ug/L was an anomaly.

- Analyses were conducted for both total (unfiltered) and dissolved (filtered) arsenic and lead. The detectable results for these metals are also shown in Table 6A and in Figure 9 and are summarized as follows:

    - Total arsenic was reported above its NJGWQS of 3 ug/L in the groundwater sample collected from overburden monitoring well OB-16 at a concentration of 9.9 ug/L.

        - As also shown in the Time-series Graphs and Table 13A, the total arsenic concentration at monitoring well OB-16 was unusually high in February 2022 but has since returned to a concentration more consistent with historical levels.

        - Notably, the total arsenic concentrations in groundwater are higher than the filtered/dissolved arsenic results indicating that the reported concentrations are biased high due to elevated turbidity (see discussion of total vs. dissolved metal results above).

    - The analytical results indicate dissolved arsenic concentrations below its 3 ug/L NJGWQS in all of the samples analyzed indicating that the total arsenic concentrations are associated with particulates in the groundwater samples and not representative of groundwater quality.

    - The analytical results indicate total and dissolved lead concentrations below its NJGWQS of 5 ug/L in all the groundwater samples collected in the OCDA.

Cannon Mine Pit Area - Groundwater

- As shown in Tables 7A and 7B and Figure 10, the analytical results indicate that VOCs are either ND or below their respective NJGWQS.

- As shown in Table 7A and Figure 10, 1,4-dioxane was reported above its NJGWQS of 0.4 ug/L in groundwater at bedrock monitoring wells RW-2 (279-289') and RW-2 (452-462') at concentrations of 4.8 ug/L and 0.62 ug/L, respectively.

    As shown in the Time-series Graphs and Table 13A, the 1,4-dioxane concentration reported in during the March 2025 sampling event at these well location is consistent with historical results.

- Analyses were performed for both total (unfiltered) and dissolved (filtered) arsenic and lead. The results for these metals are also shown in Table 7A and Figure 10 and are summarized as follows:
    - Total and dissolved arsenic concentrations were reported above its NJGWQS of 3 ug/L in groundwater at bedrock monitoring wells RW-2 (452-662'), RW-10 (120-130') and RW-10 (185-195') at concentrations of 5.5/5.8 ug/L, 6.6/7.6 ug/L, 5.6/5.2 ug/L, respectively. Additionally, bedrock well RW-2 (279-289') exceeded the dissolved arsenic NJGWQS with a reported concentration of 3.1 ug/L.
    - As shown in the Time Series Graphs and Table 13A, the reported concentrations of total and dissolved arsenic in groundwater at each of these four bedrock wells show minor fluctuations over time with the March 2025 sampling event concentrations consistent with historical data.
    - The analytical results indicate that both total and dissolved lead concentrations are below their NJGWQS of 5 ug/L in all of the groundwater samples analyzed.

Sally's Pond Area – Groundwater

- As shown on Tables 8A and 8B, the analytical results indicate that VOCs are either ND or reported at concentrations below their respective NJGWQS in all samples analyzed.
- As shown on Tables 8A and 8B, the analytical results indicate that 1,4-dioxane was reported as ND in all samples analyzed.
- Analyses were performed for both total (unfiltered) and dissolved (filtered) arsenic and lead. As shown in Table 8A, total and dissolved arsenic were reported above their NJGWQS of 3 ug/L in groundwater in bedrock monitoring wells RW-12 (130-140') and RW-12 (55-65') at concentrations of 11.2/8.5 ug/L and 6.5/8.4 ug/L, respectively.
    - As shown in the Time Series Graphs and Table 13, these concentrations are consistent with or slightly lower than historical results.
    - The analytical results indicate that both total and dissolved lead concentrations are below their NJGWQS of 5 ug/L in all groundwater samples analyzed.

Overall, the collective March 2025 groundwater analytical results are consistent with historical data, and continue to demonstrate only sporadic, low-level, and localized Site-related constituents in groundwater and various inorganics in groundwater that are also naturally occurring in the mine tailings and aquifer systems at the Site.

Surface Water

- As previously stated on Page 3 of this report, location SR-3 Seep1 was dry and the SR-3 Pond location was frozen at the time of sampling. Therefore, samples from those locations were unable to be collected.
- As shown in Tables 9A and 9B and Figure 11, the surface water analytical results indicate that no benzene was detected in any of the samples.
- There is no NJSWQS for 1,4-dioxane; therefore, for purposes of comparison, a surrogate screening value of 22,000 ug/L from the Michigan Department of Environment, Great Lakes, and Energy (EGLE Rule 57 Water Quality Values) has been approved by USEPA for use as an Ecological Screening Benchmark (ESB) for the Site.
    - As shown in Table 9A, the analytical results indicate that 1,4-dioxane was not reported above the 22,000 ug/L ESB in any of the surface water samples collected as part of the Interim Program.

  - While the 0.4 ug/L NJGWQS applies to groundwater and is not a surface water standard, for comparison purposes, the reported concentration of 1,4-dioxane in the surface water samples in the PMP Area at the SR-3 Seep 2, and the Park Brook sample PAB-01 exceeds the NJGWQS of 0.4 ug/L with concentrations of 1.5 ug/L in PMP Area sample SR-3 Seep 2 and 0.55 ug/L in Park Brook sample PAB-01.
  - Consistent with historic results, the February 2024 data indicate low 1,4-dioxane concentrations in the immediate vicinity of the PMP Area with no detection of 1,4-dioxane in surface water downstream of Sally's Pond.

- As shown in Tables 9A and 9B and Figure 11, the analytical results indicate that total and dissolved arsenic and lead results are either ND or below their respective NJSWQS in all of the samples collected as part of the Interim Program.
- Overall, the March 2025 results are consistent with historical data, including the dissolved phase arsenic and lead concentrations which are consistently reported as either ND or at a trace (i.e., J qualified) concentration, which indicates that the higher total concentrations of these metals (where reported) are reflective of the elevated particulate concentrations in the collected sample and not representative of actual surface water quality.

Quality Control Samples

Field and trip blanks were collected in accordance with the established protocols for Quality Assurance purposes. Table 10 summarizes the Groundwater/Surface Water Quality Control Sample Data and Table 11 summarizes the Data Validation Qualifiers. As shown in Table 10, chloromethane was detected at 0.45 J ug/L and 0.44 J ug/L, in trip blanks Trip Blank-01 and Trip Blank-04, respectively, which indicates that, when detected in the Site samples at similar levels, this constituent is likely a laboratory artifact.

The data validation prepared by Cadena supports the quality of the data and none of the data were rejected.

Closing

The results of the March 2025 Interim Program presented herein represent a semi-annual sampling event (i.e., a full set of monitoring locations as compared to a reduced list of locations sampled quarterly in 2021 and 2022), and the 13th sampling event under the OU-2 Interim Monitoring Program. Overall, the results of the March 2025 sampling event are generally consistent with historical groundwater and surface water data as shown in Tables 13A and 13B and the enclosed Time-Series Graphs.

The next semi-annual Interim Program sampling event will be conducted in August of 2025.

Please do not hesitate to contact us with any questions or comments on this letter report.

Sincerely,

CORNERSTONE ENVIRONMENTAL GROUP, LLC – A TETRA TECH COMPANY

Robert Schellberg
Project Manager

Enclosure: Attachments A - D

cc:
M. Zakkar, Ford
J. Lagrotteria, K&L Gates
D. Laguzza, K&L Gates
D. Zaliwski, NJDEP
L. Dodge, Excel Environmental Resources
E. Mertz, Excel Environmental Resources
W. Monahan, Monahan Law
C. Coslett, de maximis

Table 1
Monitoring Well Construction Details
Ringwood Mines/Landfill Superfund Site

Well ID	Old Well ID	Month/Year of Installation	Elevation Data		Location Data		Monitoring Well and Boring Data							
			Ground Surface (ft amsl)	Top of Protective Casing (ft amsl)	Northing (ft)	Easting (ft)	Well Type	Diameter (inches)	Well Material	Open Hole or Screened Interval (ft bgs)	Total Depth (ft bgs)	Bottom Elevation (ft amsl)	Depth to Bedrock (ft bgs)	Bedrock Elevation (ft amsl)
OB-1	OB-1	Jul-84	542.60	544.37	39,190	7,294	BR	6	SS	5 to 31	31	512	3	540
OB-2	OB-2	Jul-84	561.40	562.30	37,821	7,508	BR	6	SS	8 to 42	42	519	4	557
OB-3	OB-3	Jul-84	495.60	496.53	37,840	7,275	BR	6	SS	9 to 24	24	472	7	489
OB-4	OB-4	Jul-84	510.60	510.80	37,889	8,348	BR	6	SS	28 to 61	61	450	25	486
OB-5	OB-5	Jul-84	457.90	458.83	37,607	8,634	BR	6	SS	18 to 63	63	395	18 est.	440
OB-6	OB-6	Jul-84	605.00	607.28	39,828	8,053	BR	6	SS	10 to 36	36	569	8	597
OB-7	OB-7	Jul-84	503.40	503.91	40,068	9,003	BR	6	SS	14 to 42	42	461	11	492
OB-8	OB-8	Jul-84	572.50	574.25	43,461	8,737	UC	4	PVC	7 to 17	23	550	18 est.	555
OB-9*	OB-9*	Jul-84	507.60	508.56	41,191	9,759	UC	4	PVC	51 to 61	63	445	NE	---
OB-10	OB-10	Jul-84	349.70	352.04	39,683	12,200	UC	4	PVC	10 to 20	20	330	NE	---
OB-11**	OB-11**	Sep-84	529.60	530.25	42,601	9,614	UC	4	PVC	14 to 24	25	505	NE	---
OB-11R	OB-11**	Oct-09	530.20	532.10	842,498	555,994	UC	2	PVC	25 to 40	40	490.2	NE	---
OB-12	OB-12	Mar-86	557.60	558.36	37,360	7,685	BR	6	SS	9 to 40	40	518	6	552
OB-13	OB-13	Mar-86	499.10	500.35	37,180	8,195	BR	6	SS	8 to 60	60	439	5	494
OB-14A	OB-14A	Mar-86	500.80	501.40	41,855	10,070	UC	4	SS	4 to 14	20	481	NE	---
OB-14B	OB-14B	Mar-86	503.10	504.11	41,830	10,045	UC	4	SS	25 to 35	40	463	NE	---
OB-15A***	OB-15A***	Mar-86	515.00	515.82	42,520	9,990	UC	4	SS	2 to 12	20	495	NE	---
OB-15B	OB-15B	Mar-86	509.30	511.27	42,525	9,999	UC	4	SS	25 to 35	40	469	NE	---
OB-16	OB-16	Nov-91	488.60	492.30	41,525	10,020	UC	4	SS	5 to 15	15	474	NE	---
OB-17	OB-17	Nov-91	486.80	490.26	41,327	10,009	UC	4	SS	3 to 13	13	474	NE	---
OB-18	OB-18	Nov-91	494.60	496.26	41,183	9,965	UC	4	SS	10 to 20	20	475	NE	---
OB-19	MW-19 OB	Mar-06	530.70	532.39	842,739	555,930	UC	2	PVC	5 to 20	24	506.7	NE	---
OB-20A	MW-20 OB	Mar-06	532.10	533.67	842,589	555,816	UC	2	PVC	5 to 20	22	510.1	NE	---
OB-20B	MW-20 OB-34	Mar-06	532.10	534.03	842,575	555,812	UC	2	PVC	24 to 34	35	497.1	NE	---
OB-21	MW-21 OB	Mar-06	537.70	539.48	842,790	555,570	UC	2	PVC	6 to 21	22	515.7	NE	---
OB-22†	OB-19	Oct-06	515.46	518.36	841,207	556,108	UC	2	PVC	10 to 20	20	495.5	NE	---
OB-23†	OB-20	Oct-06	512.75	515.65	841,571	556,225	UC	2	PVC	10 to 20	20	492.8	NE	---
OB-24†	OB-21	Oct-06	497.99	500.89	841,911	556,256	UC	2	PVC	5 to 15	15	483.0	NE	---
OB-25†	OB-22	Oct-06	524.41	527.31	841,978	555,959	UC	2	PVC	10 to 20	20	504.4	NE	---
OB-26†		Dec-07	542.33	545.23	843,530	557,437	UC	2	PVC	9 to 24	24.5	517.8	21	521.3
OB-27		Oct-09	529.60	532.38	842,638	555,994	UC	2	PVC	24.5 to 39.5	39.5	490.1	NE	---
OB-28		Mar-10	483.60	485.91	841,254	556,420	UC	2	PVC	3 to 18	18	465.6	NE	---
OB-29		Dec-11	350.30	349.88	839,517	558,588	UC	2	PVC	18 to 35	35	315.3	NE	---
OB-30A		Apr-12	531.00	533.30	842,334	555,867	UC	2	PVC	8 to 18	18	513	NE	---
OB-30B		Apr-12	531.00	534.45	842,344	555,863	UC	2	PVC	21 to 36	36	495	NE	---
OB-30C		Apr-12	530.50	533.24	842,342	555,871	UC	2	PVC	40 to 50	50	480.5	NE	---
OB-31		Jan-16	530.14	533.26	842,659	555,938	UC	2	PVC	20 to 30	30	500.1	40	490.1

Table 1
Monitoring Well Construction Details
Ringwood Mines/Landfill Superfund Site

Well ID	Old Well ID	Month/Year of Installation	Elevation Data		Location Data		Monitoring Well and Boring Data							
			Ground Surface (ft amsl)	Top of Protective Casing (ft amsl)	Northing (ft)	Easting (ft)	Well Type	Diameter (inches)	Well Material	Open Hole or Screened Interval (ft bgs)	Total Depth (ft bgs)	Bottom Elevation (ft amsl)	Depth to Bedrock (ft bgs)	Bedrock Elevation (ft amsl)
OB-32		Jan-16	531.27	534.25	842,522	555,864	UC	2	PVC	10 to 20	20	511.3	20	511.3
OB-33		Mar-16	516.48	518.89	842,366	556,422	UC	2	PVC	65 to 75	75	441.5	85	431.48
OB-34S		Jul-23	527.00	530.36	842,431	555,923	UC	2	PVC	10 to 20	20	507.0	NE	---
OB-34D		Jun-23	527.60	530.34	842,436	555,922	UC	2	PVC	32 to 47	47	480.6	NE	---
OB-35S		Jun-23	529.00	532.05	842,527	556,066	UC	2	PVC	10 to 25	25	504.0	NE	---
OB-35D		Jun-23	529.10	531.90	842,527	556,063	UC	2	PVC	33 to 48	48	481.1	NE	---
SC-1‡	DB-1	Mar-06	531.03	532.53	842,621	555,819	SB	2	PVC	64.4 to70.9	70.9	435.03	144	387.03
SC-2	MW-1/CMI-S5	Dec-07	561.70	564.13	837,560	554,029	SB	2	PVC	47 to 67	67	494.7	NE	---
RW-1(64-74)	RW-1	Apr-10	548.20	549.38	839,093	553,653	BR	1	PVC/ZIST	64 to 74	74	474	4	544
RW-1(131-141)	RW-1	Apr-10	548.20	549.42	839,093	553,653	BR	1	PVC/ZIST	131 to 141	141	407	4	544
RW-2(279-289)	RW-2	Apr-10	512.60	512.23	837,788	554,659	BR	1	PVC/ZIST	279 to 289	289	224	6	507
RW-2(452-462)	RW-2	Apr-10	512.60	512.19	837,788	554,659	BR	1	PVC/ZIST	452 to 462	462	51	6	507
RW-3(77-87)		Apr-10	527.70	528.15	842,511	556,138	BR	1	PVC/ZIST	77 to 87	87	441	58	470
RW-3DS(155-160)		Mar-10	527.90	529.51	842,509	556,123	BR	1	PVC/ZIST	155 to 160	160	368	62	466
RW-3DD(175-180)		Mar-10	527.90	529.41	842,509	556,123	BR	1	PVC/ZIST	175 to 180	181	347	62	466
RW-4A(62-72)		Apr-10	539.00	541.41	842,669	556,738	BR	1	PVC/ZIST	62 to 72	72	467	30	509
RW-4A(113-123)		Apr-10	539.00	541.60	842,669	556,738	BR	1	PVC/ZIST	113 to 123	123	416	30	509
RW-4(333-343)	RW-4	Apr-10	539.20	540.01	842,661	556,725	BR	1	PVC/ZIST	333 to 343	343	196	54	485
RW-4(393-403)	RW-4	Apr-10	539.20	539.87	842,661	556,725	BR	1	PVC/ZIST	393 to 403	403	136	54	485
RW-5A		Sep-07	530.70	533.26	842,737	555,957	BR	2	PVC	54 to 74	75	456	30	500.7
RW-5	MW-19 BR	Mar-06	530.30	533.48	842,748	555,928	BR	2	PVC	99 to 119	119	411.3	28	502.3
RW-6A		Sep-07	531.81	534.32	842,586	555,835	BR	2	PVC	58 to 78	78.6	453	38	493.81
RW-6	MW-20 BR	Mar-06	531.90	533.96	842,583	555,819	BR	2	PVC	99 to 119	120	411.9	36	495.9
RW-7	MW-21 BR	Mar-06	537.60	539.43	842,793	555,573	BR	2	PVC	99 to 119	120	417.6	22	515.6
RW-8A(47-57)		Apr-10	568.10	569.55	837,499	553,942	BR	1	PVC/ZIST	47 to 57	57	511	3	565.1
RW-8(163-173)	RW-8	Apr-10	569.00	570.01	837,485	553,944	BR	1	PVC/ZIST	163 to 173	173	396	3	566.0
RW-8(204-214)	RW-8	Apr-10	569.00	570.01	837,485	553,944	BR	1	PVC/ZIST	204 to 214	214	355	3	566.0
RW-9A(25-35)		Apr-10	560.10	561.82	837,543	554,173	BR	1	PVC/ZIST	25 to 35	35	525	8	552.1
RW-9A(85-95)		Apr-10	560.10	561.73	837,543	554,173	BR	1	PVC/ZIST	85 to 95	95	465	8	552.1
RW-9(139-149)	RW-9	Apr-10	560.40	561.81	837,532	554,181	BR	1	PVC/ZIST	139 to 149	149	411	12	548.4
RW-9(206-216)	RW-9	Apr-10	560.40	561.91	837,532	554,181	BR	1	PVC/ZIST	206 to 216	216	344	12	548.4
RW-10A(51-61)		Apr-10	537.90	539.43	837,266	554,285	BR	1	PVC/ZIST	51 to 61	61	477	4	533.9
RW-10A(75-85)		Apr-10	537.90	539.45	837,266	554,285	BR	1	PVC/ZIST	75 to 85	85	453	4	533.9
RW-10(120-130)	RW-10	Apr-10	539.50	540.78	837,261	554,276	BR	1	PVC/ZIST	120 to 130	130	410	3	536.5
RW-10(185-195)	RW-10	Apr-10	539.50	540.76	837,261	554,276	BR	1	PVC/ZIST	185 to 195	195	345	3	536.5
RW-11(236-241)		Mar-10	527.80	529.81	842,825	556,002	BR	1	PVC/ZIST	236 to 241	241	286.8	9	518.8
RW-11(262-267)		Mar-10	527.80	529.80	842,825	556,002	BR	1	PVC/ZIST	262 to 267	267	260.8	9	518.8
RW-12(55-65)		Aug-14	350.50	350.30	839,517	558,588	BR	1	PVC/ZIST	55 to 65	65	286	38	312.5

Table 1
Monitoring Well Construction Details
Ringwood Mines/Landfill Superfund Site

Well ID	Old Well ID	Month/Year of Installation	Elevation Data		Location Data		Monitoring Well and Boring Data							
			Ground Surface (ft amsl)	Top of Protective Casing (ft amsl)	Northing (ft)	Easting (ft)	Well Type	Diameter (inches)	Well Material	Open Hole or Screened Interval (ft bgs)	Total Depth (ft bgs)	Bottom Elevation (ft amsl)	Depth to Bedrock (ft bgs)	Bedrock Elevation (ft amsl)
RW-12(130-140)		Aug-14	350.50	350.26	839,517	558,588	BR	1	PVC/ZIST	130 to 140	140	211	38	312.5
RW-13(71-91)		Aug-14	530.00	532.45	842,359	555,872	BR	2	PVC	71 to 91	91.35	439	58	472.0
RW-13(100-120)		Aug-14	530.60	533.23	842,356	555,862	BR	1	PVC/ZIST	100 to 120	120	411	58	472.6
RW-13(150-170)		Aug-14	530.60	533.30	842,356	555,862	BR	1	PVC/ZIST	150 to 170	170	360.6	58	472.6
RW-14S (135-153)		May-16	530.38	531.53	842,509	555,867	BR	1	PVC/ZIST	135 to 153	153	377	52	478.38
RW-14D (175-185)		May-16	530.38	531.62	842,509	555,867	BR	1	PVC/ZIST	175 to 185	185	345	52	478.38
RW-15S (110-120)		May-16	516.01	518.66	842,362	556,409	BR	1	PVC/ZIST	110 to 120	120	396	85	431.01
RW-15D (127-137)		May-16	516.01	518.64	842,362	556,409	BR	1	PVC/ZIST	127 to 137	137	379	85	431.01
RW-16 (52-62)		Mar-16	505.53	507.22	841,851	556,208	BR	2	PVC	52 to 62	62	444	35	470.53
RW-17S (96-111)		Oct-23	499.50	501.98	842,013	556,561	BR	1	PVC/ZIST	96 to 111	111	389	85	414.5
RW-17DS 120-130)		Oct-23	499.50	501.98	842,013	556,561	BR	1	PVC/ZIST	120 to 130	130	370	85	414.5
RW-18S (92-102)		Oct-23	513.00	515.48	842,093	556,699	BR	1	PVC/ZIST	92 to 102	102	411	78	435
RW-18DS (112-122)		Oct-23	513.00	515.48	842,093	556,699	BR	1	PVC/ZIST	112 to 122	122	391	78	435
RW-18DD (157-167)		Oct-23	513.00	515.48	842,093	556,699	BR	1	PVC/ZIST	157 to 167	167	346	78	435
RW-19S (113-123)		Oct-23	523.80	526.88	841,074	555,794	BR	1	PVC/ZIST	113 to 123	123	401	87	436.8
RW-19DS (131-137)		Jan-24	523.80	526.88	841,074	555,794	BR	1	PVC/ZIST	131 to 137	137	387	87	436.8
RW-19DD (144-154)		Oct-23	523.80	526.88	841,074	555,794	BR	1	PVC/ZIST	144 to 154	154	370	87	436.8

Notes:
Northing and easting are based on a site-specific plane coordinate system.
* = OB-9 was destroyed in October 1989 during land clearing and grading by a developer unrelated to remedial activities.
** = OB-11 was destroyed during SR-3 excavation work in 2006.
*** = OB-15A, which was screened across paint sludge, was decommissioned in 1987 during the paint sludge removal work at Location A.
† = Elevation data, ground surface (msl) not surveyed.
‡ = Elevation data based on a directional well extending 97.5 ft bgs and 150 ft in length.
--- = not available
BR = bedrock well
bgs = below ground surface
est. = uncertain about bedrock depth and elevation
ft = feet
amsl = above mean sea level
NE = not encountered
PVC = polyvinyl chloride
SS = stainless steel
UC = unconsolidated well
ZIST = zone isolation system technology

TABLE 2
SITE WIDE WATER LEVEL MEASUREMENTS
FEBRUARY 24, 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Well ID	Casing Elevation (ft amsl)	Date	Time	Depth to Water (ft btoc)	Groundwater Elevation (ft amsl)	Depth to Bottom (ft btoc)
OB-1	544.37	2/24/2025	11:20	5.83	538.54	33.1
OB-2	562.30	2/24/2025	11:55	17.70	544.60	42.35
OB-3	496.53	2/24/2025	11:33	3.87	492.66	23.5
OB-4	510.80	2/24/2025	11:48	17.57	493.23	60.45
OB-5	458.83	2/24/2025	12:17	2.68	456.15	63.8
OB-6	607.28	2/24/2025	11:12	6.85	600.43	34.2
OB-7	503.91	2/24/2025	11:07	4.58	499.33	42.1
OB-10	352.04	2/24/2025	14:15	6.43	345.61	21.1
OB-11R	532.10	2/24/2025	8:59	16.57	515.53	38.55
OB-12	558.36	2/24/2025	11:50	8.49	549.87	39.75
OB-13	500.35	2/24/2025	12:13	11.29	489.06	32.15
OB-14A*	501.40	2/24/2025	10:18	14.05	NA	16.3
OB-14B*	504.11	2/24/2025	NA			37.35
OB-15B	511.27	2/24/2025	9:58	3.13	508.14	31.2
OB-16*	492.30	2/24/2025	10:23	13.20	NA	17.7
OB-17	490.26	2/24/2025	10:25	5.31	484.95	16.7
OB-18	496.26	2/24/2025	10:30	3.18	493.08	21.75
OB-19	532.39	2/24/2025	9:10	12.10	520.29	21.3
OB-20A	533.67	2/24/2025	9:21	14.81	518.86	20.6
OB-20B	534.03	2/24/2025	9:20	14.46	519.57	36
OB-21	539.48	2/24/2025	9:18	6.72	532.76	20.2
OB-22*	518.36	2/24/2025	10:35	9.82	NA	NA
OB-23*	515.65	2/24/2025	10:10	18.87	NA	21.44
OB-24*	500.89	2/24/2025	10:15	13.77	NA	18.05
OB-25	527.31	2/24/2025	10:00	11.26	516.05	18.5
OB-27	532.38	2/24/2025	9:02	15.10	517.28	40.15
OB-28	485.91	2/24/2025	10:27	1.65	484.26	18.2
OB-29	349.88	2/24/2025	14:17	5.48	344.40	34.66
OB-30A	533.30	2/24/2025	9:31	17.95	515.35	20.65
OB-30B	534.14	2/24/2025	9:32	18.75	515.39	38.5
OB-30C	532.71	2/24/2025	9:30	17.39	515.32	52.05
OB-31	533.26	2/24/2025	9:05	15.07	518.19	33
OB-32	534.25	2/24/2025	9:26	17.11	517.14	20
OB-33	518.89	2/24/2025	9:57	9.85	509.04	76
OB-34S	529.91	2/24/2025	9:28	13.44	516.47	20
OB-34D	529.66	2/24/2025	9:27	14.50	515.16	47
OB-35S	531.38	2/24/2025	8:57	15.89	515.49	25
OB-35D	531.38	2/24/2025	8:55	16.91	514.47	48
RW-1S	549.38	2/24/2025	11:16	9.72	539.66	74
RW-1D	549.42	2/24/2025	11:18	9.60	539.82	141
RW-2S	512.23	2/24/2025	13:45	11.50	500.73	289
RW-2D	512.19	2/24/2025	13:40	9.70	502.49	462
RW-3	528.15	2/24/2025	9:37	13.14	515.01	87
RW-3DS	529.51	2/24/2025	9:38	15.89	513.62	165
RW-3DD	529.41	2/24/2025	NA			185
RW-4A-S	541.41	2/24/2025	8:40	22.07	519.34	72
RW-4A-D	541.60	2/24/2025	8:42	30.80	510.80	123
RW-4S	540.01	2/24/2025	8:35	29.75	510.26	343
RW-4D	539.87	2/24/2025	8:37	29.31	510.56	403
RW-5A	533.26	2/24/2025	9:15	12.02	521.24	75.6
RW-5	533.48	2/24/2025	9:12	12.30	521.18	100
RW-6A	534.32	2/24/2025	9:25	13.48	520.84	80.25
RW-6	533.96	2/24/2025	9:23	12.88	521.08	122.1
RW-7	539.43	2/24/2025	9:17	2.76	536.67	100
RW-8A	569.55	2/24/2025	Well Dry			57
RW-8S	570.01	2/24/2025	NA			173
RW-8D	570.01	2/24/2025	11:35	58.73	511.28	214

TABLE 2
SITE WIDE WATER LEVEL MEASUREMENTS
FEBRUARY 24, 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Well ID	Casing Elevation (ft amsl)	Date	Time	Depth to Water (ft btoc)	Groundwater Elevation (ft amsl)	Depth to Bottom (ft btoc)
RW-9A-S	561.82	2/24/2025	NA			35
RW-9A-D	561.73	2/24/2025	NA			95
RW-9S	561.81	2/24/2025	12:02	69.67	492.14	149
RW-9D	561.91	2/24/2025	12:03	36.75	525.16	216
RW-10A-S	539.43	2/24/2025	11:48	35.81	503.62	61
RW-10A-D	539.45	2/24/2025	11:47	36.70	502.75	85
RW-10S	540.78	2/24/2025	11:45	38.93	501.85	130
RW-10D	540.76	2/24/2025	11:44	37.17	503.59	195
RW-11S	529.81	2/24/2025	8:29	8.85	520.96	241
RW-11D	529.80	2/24/2025	NA			267
RW-12S	350.30	2/24/2025	14:18	0.00	350.30	65
RW-12D	350.26	2/24/2025	14:18	0.00	350.26	140
RW-13 (71-91)	532.45	2/24/2025	9:32	11.64	520.81	91
RW-13 (100-120)	533.23	2/24/2025	NA			120
RW-13 (150-170)	533.30	2/24/2025	NA			170
RW-14S	531.53	2/24/2025	9:36	10.46	521.07	153
RW-14D	531.62	2/24/2025	9:35	7.10	524.52	185
RW-15S	518.66	2/24/2025	9:55	6.62	512.04	120
RW-15D	518.64	2/24/2025	9:56	9.09	509.55	137
RW-16*	507.22	2/24/2025	10:12	11.20	NA	62
RW-17S (96-111)	501.76	2/24/2025	9:47	11.79	489.97	111
RW-17DS 120-130)	501.75	2/24/2025	9:48	11.85	489.90	130
RW-18S (92-102)	515.07	2/24/2025	9:42	24.24	490.83	102
RW-18DS (112-122)	514.97	2/24/2025	9:43	25.55	489.42	122
RW-18DD (157-167)	515.02	2/24/2025	9:44	24.41	490.61	167
RW-19S (113-123)	526.74	2/24/2025	10:58	10.77	515.97	123
RW-19DS (131-137)	526.60	2/24/2025	10:57	10.64	515.96	137
RW-19DD (144-154)	526.66	2/24/2025	10:56	10.69	515.97	154

Notes:
ft amsl = feet above mean sea level
ft btoc = feet below top of casing
NA= not available - well damaged or blocked preventing measurement
*Wells have been extended and will be resurveyed following completion of the recycling center

TABLE 3
SUMMARY OF WELL PURGING AND SAMPLE COLLECTION
FEBRUARY 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Well ID	Well Diameter	Date Sampled	Purge Rate ^ (discharge seconds/ recharge seconds)	Volume Purged (ml) Prior to Sample Collection	Analytical Samples Collected	Purge Time (minutes)	Purge Rate (milliliters per minute)
Peters Mine Pit Area							
RW-3 (77-87)	1" ZIST	2/26/2025	10 sec/60 sec	1600	Full Suite	10	100
RW-3DS (155-160)	1" ZIST	2/26/2025	15 sec/60 sec	800	Full Suite	10	100
RW-3DD (175-180)	1" ZIST	2/26/2025	15 sec/60 sec	800	Full Suite	10	100
RW-5 (99-119)	2"	2/26/2025	5 sec/10 sec	6300**	Full Suite	35	180
RW-6A (58-78)	2"	2/27/2025	5 sec/10 sec	5400**	Full Suite	30	180
RW-6 (99-119)	2"	2/27/2025	5 sec/10 sec	3600**	Full Suite	30	120
RW-11S (236-241)	1" ZIST	2/26/2025	15 sec/60 sec	800	Full Suite	10	100
RW-11D (262-267)	1" ZIST	2/26/2025	15 sec/60 sec	800	Full Suite	10	100
RW-14S (135-153)	1" ZIST	2/26/2025	10 sec/60 sec	3200	Full Suite	25	150
RW-14D (175-185)	1" ZIST	2/26/2025	10 sec/60 sec	1600	Full Suite	15	125
RW-15S (110-120)	1" ZIST	2/28/2025	10 sec/60 sec	1600	Full Suite	15	100
RW-15D (127-137)	1" ZIST	2/28/2025	10 sec/60 sec	1600	Full Suite	15	100
RW-17S (96-111)	1" ZIST	3/3/2025	10 sec/60 sec	2400	Full Suite	20	120
RW-17DS (120-130)	1" ZIST	3/3/2025	10 sec/60 sec	1600	Full Suite	15	100
RW-18S (92-102)	1" ZIST	3/3/2025	10 sec/60 sec	1600	Full Suite	15	110
RW-18DS (112-122)	1" ZIST	3/3/2025	10 sec/60 sec	1600	Full Suite	15	100
RW-18DD (157-167)	1" ZIST	3/3/2025	10 sec/60 sec	1600	Full Suite	15	100
RW-19S (113-123)	1" ZIST	3/3/2025	10 sec/60 sec	1600	Full Suite	15	100
RW-19DS (131-138)	1" ZIST	3/3/2025	10 sec/60 sec	950	Full Suite	10	90
RW-19DD (144-154)	1" ZIST	3/3/2025	10 sec/60 sec	1600	Full Suite	15	100
OB-11R	2"	2/27/2025	5 sec/10 sec	8400**	Full Suite	35	240
OB-19	2"	2/26/2025	5 sec/10 sec	7200**	Full Suite	30	240
OB-20B	2"	2/27/2025	5 sec/10 sec	5250**	Full Suite	35	150
OB-27	2"	2/26/2025	5 sec/10 sec	12000**	Full Suite	50	240
OB-31	2"	2/26/2025	5 sec/10 sec	9800**	Full Suite	35	280
OB-32	2"	2/27/2025	5 sec/10 sec	9800**	Full Suite	35	280
Cannon Mine Pit Area							
RW-2 (279-289)	1" ZIST	2/27/2025	20 sec/60 sec	1600	Full Suite	20	90
RW-2 (452-462)	1" ZIST	2/27/2025	20 sec/60 sec	1600	Full Suite	20	90
RW-8 (163-173)	1" ZIST	2/28/2025	15 sec/60 sec	1600	Full Suite	15	100
RW-8 (204-214)	1" ZIST	2/28/2025	15 sec/60 sec	1600	Full Suite	20	90
RW-8A (47-57	1" ZIST	NS	WELL DRY	NS	NS	NS	NS
RW-9 (139-149)	1" ZIST	2/27/2025	20 sec/60 sec	1600	Full Suite	20	80
RW-9 (206-216)	1" ZIST	2/27/2025	20 sec/60 sec	1600	Full Suite	15	100
RW-10 (120-130)	1" ZIST	2/27/2025	10 sec/60 sec	1600	Full Suite	15	70
RW-10 (185-195)	1" ZIST	2/27/2025	10 sec/60 sec	1600	Full Suite	15	100
OB-3	6"	2/27/2025	5 sec/10 sec	9000**	Full Suite	45	200
O'Connor Disposal Area/Sally's Pond Area							
OB-10	4"	2/27/2025	5 sec/10 sec	8000**	Full Suite	40	200
OB-14A	4"	2/26/2025	5 sec/10 sec	10500**	Full Suite	35	300
OB-16	4"	2/26/2025	5 sec/10 sec	10500**	Full Suite	35	300
OB-17	4"	2/26/2025	5 sec/10 sec	12000**	Full Suite	40	300
OB-24	2"	2/26/2025	5 sec/10 sec	12000**	Full Suite	40	300
OB-29	2"	2/27/2025	5 sec/10 sec	12000**	Full Suite	60	200
RW-12 (55-65)	1" ZIST	2/27/2025	20 sec/120 sec	1600	Full Suite	20	100
RW-12 (130-140)	1" ZIST	2/27/2025	20 sec/120 sec	1600	Full Suite	15	100
RW-16 (52-62)	2"	2/26/2025	5 sec/10 sec	7000**	Full Suite	35	200

Notes:

^ - Purge rates dictated by individual recharge rates and prior purging and sampling experience

ZIST - Zone Isolation System Technology monitoring well

** - Indicates monitoring well was purged with a bladder pump utilizing low-flow sample procedures

NS - Well not sampled due to no recharge, damage or obstruction

ml - mililiters

TABLE 4
SUMMARY OF FIELD PARAMETERS AT SAMPLING TIME - OVERBURDEN/BEDROCK WELLS
FEBRUARY 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Well ID	Intake Interval (feet btoc)	Sample Date	Sample Time	Sample Method	Minutes elapsed	Rate (mL/m)	Turbidity (NTUs)	ORP (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (ºC)	Depth to Water (feet)	Diss. Oxygen (mg/L)
OB Series Wells													
OB-3*	9 to 24	2/27/2025	9:50	Low Flow	45	200	45.70	128.0	7.40	0.140	8.36	3.95	11.36
OB-10	10 to 20	2/27/2025	11:15	Low Flow	40	200	6.80	142.0	7.34	0.131	10.08	6.38	5.14
OB-11R	25 to 40	2/27/2025	13:50	Low Flow	35	240	44.30	-77.0	7.23	0.655	8.15	16.44	7.40
OB-14A	**4 to 14**	2/26/2025	12:45	Low Flow	30	300	22.60	-43.0	7.28	0.915	11.92	16.11	1.29
OB-16	**5 to 15**	2/26/2025	11:10	Low Flow	35	300	19.70	-74.0	7.42	1.280	12.41	13.62	0.91
OB-17	3 to 13	2/26/2025	9:50	Low Flow	40	300	96.50	100.0	7.74	0.754	7.60	5.42	1.80
OB-19	5 to 20	2/26/2025	10:50	Low Flow	30	240	10.90	-34.0	6.95	0.374	9.92	12.00	0.00
OB-20B	24 to 34	2/27/2025	9:25	Low Flow	35	150	47.90	-20.0	6.89	0.590	10.61	14.82	0.00
OB-24	**5 to 15**	2/26/2025	14:00	Low Flow	40	300	23.40	-32.0	8.34	0.864	12.66	14.33	0.69
OB-27	24.5 to 39.5	2/26/2025	13:25	Low Flow	50	240	44.10	-64.0	7.26	0.457	9.46	15.01	0.00
OB-29	18 to 35	2/27/2025	12:40	Low Flow	60	200	151.00	156.0	7.35	0.136	10.62	5.45	6.74
OB-31	20 to 30	2/26/2025	12:05	Low Flow	35	280	39.20	-71.0	7.21	0.408	13.15	15.00	0.00
OB-32	10 to 20	2/27/2025	12:45	Low Flow	35	280	24.90	-69.0	7.17	0.550	11.74	16.82	2.71
RW Series Wells													
RW-2	279 to 289	2/27/2025	10:15	ZIST	20	90	19.1	-133.0	8.82	1.860	10.39	4.5	6.06
RW-2	452 to 462	2/27/2025	9:45	ZIST	20	90	10.1	-114.0	10.85	2.000	11.05	9.7	12.40
RW-3	77 to 87	2/26/2025	13:20	ZIST	10	100	0.0	-69.0	7.49	0.484	13.82	13.14	12.12
RW-3DS	155 to 160	2/26/2025	12:15	ZIST	10	100	5.5	-111.0	10.33	0.925	13.21	15.89	10.80
RW-3DD	175 to 180	2/26/2025	12:40	ZIST	10	100	22.0	-143.0	9.23	0.279	13.61	NA	11.45
RW-5	99 to 119	2/26/2025	9:55	Low Flow	35	180	42.3	-10.0	12.59	0.630	8.89	12.99	0.00
RW-6	99 to 119	2/27/2025	10:30	Low Flow	30	120	11.30	-13.0	6.73	0.748	10.03	12.40	0.00
RW-6A	58 to 78	2/27/2025	11:35	Low Flow	30	180	5.00	-12.0	6.92	0.722	10.00	13.68	5.42
RW-8A	47 to 57	NS	NS	ZIST	Well dry, no sample collected								
RW-8S	163 to 173	2/28/2025	9:20	ZIST	15	100	0.0	-226.0	7.67	0.346	11.42	NA	11.80
RW-8D	204 to 214	2/28/2025	8:40	ZIST	20	90	3.2	-39	8.46	0.815	11.75	58.73	12.70
RW-9S	139 to 149	2/27/2025	14:45	ZIST	20	80	1.00	-91.0	7.80	1.010	10.50	69.67	7.55
RW-9D	206 to 216	2/27/2025	14:00	ZIST	15	100	1.60	-81.0	10.38	1.050	11.54	36.75	8.96
RW-10S	120 to 130	2/27/2025	12:40	ZIST	15	70	6.1	-126.0	10.77	0.593	10.90	38.93	12.32
RW-10D	185 to 195	2/27/2025	13:15	ZIST	15	100	1.1	-110.0	10.83	0.447	10.87	37.17	11.68
RW-11S	236 to 241	2/26/2025	14:45	ZIST	10	100	0.0	-206.0	7.02	0.188	12.22	8.85	11.50
RW-11D	262 to 267	2/26/2025	14:15	ZIST	10	100	18.6	-167.0	1157.00	0.848	13.46	NA	7.32
RW-12S	55 to 65	2/27/2025	11:10	ZIST	20	100	0.0	-157.0	9.4	0.728	10.15	0	12.21
RW-12D	130 to 140	2/27/2025	11:45	ZIST	15	100	0.2	-215.0	10.47	0.266	10.86	0	4.50
RW-14S	135 to 155	2/26/2025	11:20	ZIST	25	150	0.0	-225.0	7.51	0.446	13.42	10.46	3.52
RW-14D	175 to 185	2/26/2025	11:45	ZIST	15	120	0.0	-176.0	7.71	0.954	13.91	7.1	2.70
RW-15S	110 to 120	2/28/2025	10:40	ZIST	15	100	0.0	-244.0	7.32	0.235	9.90	6.62	2.95
RW-15D	127 to 137	2/28/2025	10:05	ZIST	15	100	0.0	-329.0	10.55	0.645	4.90	9.09	2.27
RW-16	**52 to 62**	2/26/2025	15:00	Low Flow	35	200	4.90	39.0	7.82	0.588	11.39	11.05	5.75
RW-17S	96 to 111	3/3/2025	10:40	ZIST	20	120	0.00	14.0	8.08	0.317	11.01	11.79	12.20
RW-17DS	120 to 130	3/3/2025	11:15	ZIST	15	100	0.00	34.0	8.06	0.353	10.81	11.85	12.70
RW-18S	92 to 102	3/3/2025	12:15	ZIST	15	110	30.80	-92.0	8.33	0.273	11.37	24.24	12.05
RW-18DS	112 to 122	3/3/2025	12:45	ZIST	15	100	4.10	-128.0	8.21	0.392	11.17	25.55	12.45
RW-18DD	157 to 167	3/3/2025	13:15	ZIST	15	100	0.40	-180.0	8.14	0.399	11.01	24.41	4.14
RW-19S	113 to 123	3/3/2025	8:20	ZIST	15	100	5.60	26.0	7.39	0.750	9.70	10.77	13.60
RW-19DS	131 to 138	3/3/2025	9:10	ZIST	10	90	45.00	-80.0	7.54	0.632	10.24	10.64	12.30
RW-19DD	144 to 154	3/3/2025	9:50	ZIST	15	100	0.00	-61.0	7.58	0.570	10.12	10.39	10.20

Notes:
btoc = below top of casing
°C = degrees Celsius
mg/L = milligrams per liter
mL/m = milliliters per minute
mmhos/cm = millimhos per centimeter
mV = millivolts
NTU = Nephelometric Turbidity Unit
ORP = oxidation-reduction potential
SI = Standard Units
OB = Overburden Wells
RW = Rock Wells

TABLE 5A
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER
PETERS MINE PIT (PMP)
FEBRUARY/MARCH 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Parameter	Units	NJGWQS	OB-11R	OB-19	OB-19 DUP	OB-20B	OB-27	OB-31	OB-32	RW-11D (262-267)	RW-11S (236-241)	RW-14D (175-185)	RW-14S (135-155)	RW-15D (127-137)	RW-15S (110-120)	RW-17DS (120-130)	RW-17S (96-111)	RW-18DD (157-167)	RW-18DS (112-122)	RW-18S (92-102)	RW-19DD (144-154)	RW-19DS (131-137)	RW-19S (113-123)	RW-19S (113-123) DUP	RW-3 (77-87)	RW-3DD (175-180)	RW-3DS (155-160)	RW-5 (99-119)	RW-6	RW-6A
VOCs																														
1,1-Dichloroethane	ug/l	50																								1.3	2			
1,4-Dichlorobenzene	ug/l	75								0.65 J																				
Acetone	ug/l	6000				19			4.6 J					21																
Benzene	ug/l	1		0.96	1					11	0.31 J																			1.5
Carbon disulfide	ug/l	700								10				16			2.2	1.9	3.9	1						2.2	13			
Chlorobenzene	ug/l	50								5																				
Chloroethane	ug/l	5^	35	5.1	5.1	0.44 J	52 J	2.4																					1.4	0.87 J
Chloromethane	ug/l															0.49 UB	0.59 UB						0.48 UB				0.43 J			
cis-1,2-Dichloroethene	ug/l	70	0.46 J				0.33 J																							
Cyclohexane	ug/l		2.4		0.58 J	0.61 J	1.3 F		0.46 J	0.34 J						0.43 J		0.47 J		0.38 J			0.36 J						0.46 J	1.9
Dichlorodifluoromethane	ug/l	1000																												0.31 J
Isopropylbenzene	ug/l	700	0.77 J	0.76 J	0.75 J		2.4			1.1																				3.7
Methyl tert-butyl ether	ug/l	70	0.26 J			0.58 J			0.87 J																		0.42 J		0.38 J	0.48 J
Methylcyclohexane	ug/l						0.9 J																							0.81 J
Tetrachloroethene	ug/l	1															0.28 J													
Toluene	ug/l	600												0.81 J	1.2	0.46 J		0.39 J	0.4 J	0.41 J										
Vinyl chloride	ug/l	1	0.077	0.027 J	0.028 J		0.039	0.012 J		0.023 J		0.047	0.014 J	0.29	0.12	0.012 J		0.016 J	0.015 J	0.011 J	0.01 J		0.014 J		0.0092 J	0.036	0.053		0.025 J	
SVOCs																														
1,4-Dioxane	ug/l	0.4	3.8	2.3	2.2		3.4	0.68		58	2.3			0.62											12	11	13	4.9		0.82
Metals																														
Total Arsenic	ug/l	3	31.9			2.1	38.1	25	20.4	1.2 J		1.2 J		17.4	2											5.8	16.8	7.1		
Dissolved Arsenic	ug/l	3										1.3 J		13.5	1.8 J											6.3	13	5.9		
Total Lead	ug/l	5		0.81 J	0.7 J	0.58 J	0.6 J	0.61 J								2.1	14.8	2.7	5	6.9	10.3	1.4	1.2	0.66 J	1.3	1.2		2.1		0.58 J
Dissolved Lead	ug/l	5															1.2											0.51 J		

See Table 11 for validation qualifiers.
Result exceeds NJGWQS (NJAC 7:9C August 2018)

Notes:
ug/l = micrograms per liter
NJGWQS = New Jersey Ground Water Quality Standards
SVOCs = Semivolatile Organic Compounds
VOCs = Volatile Organic Compounds
^ = NJGWQS for this compound is an Interim Specific Standard

TABLE 5B
SUMMARY OF ANALYTICAL RESULTS IN GROUNDWATER
PETERS MINE PIT (PMP)
FEBRUARY/MARCH 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Parameter	Units	NJ GWQS	OB-11R	OB-19	OB-19 DUP	OB-20B	OB-27	OB-31	OB-32	RW-11D (262-267)	RW-11S (236-241)	RW-14D (175-185)	RW-14S (135-155)	RW-15D (127-137)	RW-15S (110-120)	RW-17DS (120-130)	RW-17S (96-111)
VOCs																	
1,1,1-Trichloroethane	ug/l	30	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2,2-Tetrachloroethane	ug/l	1	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l		0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U 1	0.31 U 1	0.31 U 1	0.31 U 1	0.31 U	0.31 U	0.31 U	0.31 U
1,1,2-Trichloroethane	ug/l	3	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
1,1-Dichloroethane	ug/l	50	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,1-Dichloroethene	ug/l	1	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U 1	0.26 U 1	0.26 U 1	0.26 U 1	0.26 U	0.26 U	0.26 U	0.26 U
1,2,3-Trichlorobenzene	ug/l		0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,2,3-Trichloropropane	ug/l	0.03	0.003 U	0.003 U	0.003 U	0.003 U 1	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U 1	0.003 U 1	0.003 U	0.003 U
1,2,4-Trichlorobenzene	ug/l	9	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,2-Dibromo-3-Chloropropane	ug/l	0.02	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-Dichlorobenzene	ug/l	600	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,2-Dichloroethane	ug/l	2	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U
1,2-Dichloropropane	ug/l	1	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U
1,3-Dichlorobenzene	ug/l	600	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,4-Dichlorobenzene	ug/l	75	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.65 J	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2-Butanone (MEK)	ug/l	300	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Hexanone	ug/l	40	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
4-Methyl-2-pentanone (MIBK)	ug/l		1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Acetone	ug/l	6000	4.4 U	4.4 U	4.4 U	19	4.4 U	4.4 U	4.6 J	4.4 U	4.4 U	4.4 U	4.4 U	21	4.4 U	4.4 U	4.4 U
Benzene	ug/l	1	0.07 U	0.96	1	0.07 U	0.07 U	0.07 U	0.07 U	11	0.31 J	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
Bromoform	ug/l	4	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Bromomethane	ug/l	10	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U 1	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U 1	0.55 U 1	0.55 U	0.55 U
Carbon disulfide	ug/l	700	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	10	0.82 U	0.82 U	0.82 U	16	0.82 U	0.82 U	2.2
Carbon tetrachloride	ug/l	1	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
Chlorobenzene	ug/l	50	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	5	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Chlorobromomethane	ug/l		0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
Chlorodibromomethane	ug/l	1	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U
Chloroethane	ug/l	5^	35	5.1	5.1	0.44 J	52 J	2.4	0.32 U +	0.32 U +	0.32 U +	0.32 U +	0.32 U +	0.32 U +	0.32 U +	0.32 U	0.32 U
Chloroform	ug/l	70	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	ug/l		0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.49 UB	0.59 UB
cis-1,2-Dichloroethene	ug/l	70	0.46 J	0.22 U	0.22 U	0.22 U	0.33 J	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
cis-1,3-Dichloropropene	ug/l		0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U
Cyclohexane	ug/l		2.4	0.32 U	0.58 J	0.61 J	1.3 F	0.32 U	0.46 J	0.34 J	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.43 J	0.32 U
Dichlorobromomethane	ug/l	1	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Dichlorodifluoromethane	ug/l	1000	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
Ethylbenzene	ug/l	700	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Ethylene Dibromide	ug/l	0.03	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U 1	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U
Isopropylbenzene	ug/l	700	0.77 J	0.76 J	0.75 J	0.34 U	2.4	0.34 U	0.34 U	1.1	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Methyl acetate	ug/l	7000	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U + 1	0.79 U + 1	0.79 U + 1	0.79 U + 1	0.79 U + 1	0.79 U + 1	0.79 U	0.79 U

TABLE 5B
SUMMARY OF ANALYTICAL RESULTS IN GROUNDWATER
PETERS MINE PIT (PMP)
FEBRUARY/MARCH 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Parameter	Units	NJ GWQS	RW-18DD (157-167)	RW-18DS (112-122)	RW-18S (92-102)	RW-19DD (144-154)	RW-19DS (131-137)	RW-19S (113-123)	RW-19S (113-123) DUP	RW-3 (77-87)	RW-3DD (175-180)	RW-3DS (155-160)	RW-5 (99-119)	RW-5 (99-119)	RW-6A
VOCs															
1,1,1-Trichloroethane	ug/l	30	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2,2-Tetrachloroethane	ug/l	1	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l		0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U 1	0.31 U 1	0.31 U 1	0.31 U	0.31 U	0.31 U
1,1,2-Trichloroethane	ug/l	3	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
1,1-Dichloroethane	ug/l	50	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	1.3	2	0.26 U	0.26 U	0.26 U
1,1-Dichloroethene	ug/l	1	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U 1	0.26 U 1	0.26 U 1	0.26 U	0.26 U	0.26 U
1,2,3-Trichlorobenzene	ug/l		0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,2,3-Trichloropropane	ug/l	0.03	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U 1
1,2,4-Trichlorobenzene	ug/l	9	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,2-Dibromo-3-Chloropropane	ug/l	0.02	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-Dichlorobenzene	ug/l	600	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,2-Dichloroethane	ug/l	2	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U
1,2-Dichloropropane	ug/l	1	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U
1,3-Dichlorobenzene	ug/l	600	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,4-Dichlorobenzene	ug/l	75	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2-Butanone (MEK)	ug/l	300	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Hexanone	ug/l	40	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
4-Methyl-2-pentanone (MIBK)	ug/l		1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Acetone	ug/l	6000	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U
Benzene	ug/l	1	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	1.5
Bromoform	ug/l	4	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Bromomethane	ug/l	10	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Carbon disulfide	ug/l	700	1.9	3.9	1	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	2.2	13	0.82 U	0.82 U	0.82 U
Carbon tetrachloride	ug/l	1	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
Chlorobenzene	ug/l	50	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Chlorobromomethane	ug/l		0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
Chlorodibromomethane	ug/l	1	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U
Chloroethane	ug/l	5^	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U +	0.32 U +	0.32 U +	0.32 U	0.32 U	0.87 J
Chloroform	ug/l	70	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	ug/l		0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.48 UB	0.4 U	0.4 U	0.4 U	0.43 J	0.4 U	0.4 U	0.4 U
cis-1,2-Dichloroethene	ug/l	70	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
cis-1,3-Dichloropropene	ug/l		0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U
Cyclohexane	ug/l		0.47 J	0.32 U	0.38 J	0.32 U	0.32 U	0.36 J	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	1.9
Dichlorobromomethane	ug/l	1	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Dichlorodifluoromethane	ug/l	1000	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 J
Ethylbenzene	ug/l	700	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Ethylene Dibromide	ug/l	0.03	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U
Isopropylbenzene	ug/l	700	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	3.7
Methyl acetate	ug/l	7000	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U + 1	0.79 U + 1	0.79 U + 1	0.79 U	0.79 U	0.79 U

TABLE 5B
SUMMARY OF ANALYTICAL RESULTS IN GROUNDWATER
PETERS MINE PIT (PMP)
FEBRUARY/MARCH 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Parameter	Units	NJ GWQS	OB-11R	OB-19	OB-19 DUP	OB-20B	OB-27	OB-31	OB-32	RW-11D (262-267)	RW-11S (236-241)	RW-14D (175-185)	RW-14S (135-155)	RW-15D (127-137)	RW-15S (110-120)	RW-17DS (120-130)	RW-17S (96-111)
Methyl tert-butyl ether	ug/l	70	0.26 J	0.22 U	0.22 U	0.58 J	0.22 U	0.22 U	0.87 J	0.22 U 1	0.22 U 1	0.22 U 1	0.22 U 1	0.22 U	0.22 U	0.22 U	0.22 U
Methylcyclohexane	ug/l		0.71 U	0.71 U	0.71 U	0.71 U	0.9 J	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
Methylene Chloride	ug/l	3	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Styrene	ug/l	100	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Tetrachloroethene	ug/l	1	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 J
Toluene	ug/l	600	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.81 J	1.2	0.46 J	0.38 U
trans-1,2-Dichloroethene	ug/l	100	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
trans-1,3-Dichloropropene	ug/l		0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Trichloroethene	ug/l	1	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U
Trichlorofluoromethane	ug/l	2000	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U 1	0.32 U 1	0.32 U 1	0.32 U 1	0.32 U	0.32 U	0.32 U	0.32 U
Vinyl chloride	ug/l	1	0.077	0.027 J	0.028 J	0.005 U	0.039	0.012 J	0.005 U	0.023 J	0.005 U	0.047	0.014 J	0.29	0.12	0.012 J	0.005 U
Xylenes, Total	ug/l	1000	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
SVOCs																	
1,4-Dioxane	ug/l	0.4	3.8	2.3	2.2	0.072 U	3.4	0.68	0.072 U	58	2.3	0.072 U	0.072 U	0.62	0.072 U	0.072 U	0.072 U
Metals																	
Total Arsenic	ug/l	3	31.9	1.2 U	1.2 U	2.1	38.1	25	20.4	1.2 J	1.2 U	1.2 J	1.2 U	17.4	2	1.2 U	1.2 U
Dissolved Arsenic	ug/l	3	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.3 J	1.2 U	13.5	1.8 J	1.2 U	1.2 U
Total Lead	ug/l	5	0.42 U	0.81 J	0.7 J	0.58 J	0.6 J	0.61 J	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	2.1	14.8
Dissolved Lead	ug/l	5	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	1.2

See Table 11 for validation qualifiers.
Result exceeds NJGWQS (NJAC 7:9C August 2018)

Notes:
ug/l = micrograms per liter
NJGWQS = New Jersey Ground Water Quality Standards
SVOCs = Semivolatile Organic Compounds
VOCs = Volatile Organic Compounds
^ = NJGWQS for this compound is an Interim Specific Standard

TABLE 5B
SUMMARY OF ANALYTICAL RESULTS IN GROUNDWATER
PETERS MINE PIT (PMP)
FEBRUARY/MARCH 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Parameter	Units	NJ GWQS	RW-18DD (157-167)	RW-18DS (112-122)	RW-18S (92-102)	RW-19DD (144-154)	RW-19DS (131-137)	RW-19S (113-123)	RW-19S (113-123) DUP	RW-3 (77-87)	RW-3DD (175-180)	RW-3DS (155-160)	RW-5 (99-119)	RW-5 (99-119)	RW-6A
Methyl tert-butyl ether	ug/l	70	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U 1	0.22 U 1	0.42 J	0.22 U	0.22 U	0.48 J
Methylcyclohexane	ug/l		0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.81 J
Methylene Chloride	ug/l	3	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Styrene	ug/l	100	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Tetrachloroethene	ug/l	1	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Toluene	ug/l	600	0.39 J	0.4 J	0.41 J	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
trans-1,2-Dichloroethene	ug/l	100	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
trans-1,3-Dichloropropene	ug/l		0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Trichloroethene	ug/l	1	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U
Trichlorofluoromethane	ug/l	2000	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U 1	0.32 U 1	0.32 U 1	0.32 U	0.32 U	0.32 U
Vinyl chloride	ug/l	1	0.016 J	0.015 J	0.011 J	0.01 J	0.005 U	0.014 J	0.005 U	0.0092 J	0.036	0.053	0.005 U	0.005 U	0.005 U
Xylenes, Total	ug/l	1000	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
SVOCs															
1,4-Dioxane	ug/l	0.4	0.072 U	0.072 U	0.072 U	0.072 U	0.072 U	0.072 U	0.072 U	12	11	13	4.9	0.072 U	0.82
Metals															
Total Arsenic	ug/l	3	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	5.8	16.8	7.1	1.2 U	1.2 U
Dissolved Arsenic	ug/l	3	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	6.3	13	5.9	1.2 U	1.2 U
Total Lead	ug/l	5	2.7	5	6.9	10.3	1.4	1.2	0.66 J	1.3	1.2	0.42 U	2.1	0.42 U	0.58 J
Dissolved Lead	ug/l	5	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.51 J	0.42 U	0.42 U

See Table 11 for validation qualifiers.
Result exceeds NJGWQS (NJAC 7:9C August 2018)

Notes:
ug/l = micrograms per liter
NJGWQS = New Jersey Ground Water Quality Standards
SVOCs = Semivolatile Organic Compounds
VOCs = Volatile Organic Compounds
^ = NJGWQS for this compound is an Interim Specific Stan

TABLE 6A
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER
O'CONNOR DISPOSAL AREA (OCDA)
FEBRUARY/MARCH 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Parameter	Units	NJGWQS	OB-14A	OB-16	OB-17	OB-24
VOCs						
1,1-Dichloroethane	ug/l	50			0.39 J	
Methyl tert-butyl ether	ug/l	70				0.55 J
SVOCs						
1,4-Dioxane	ug/l	0.4			7.1	
Metals						
Total Arsenic	ug/l	3	1.5 J	9.9	1.2 J	
Total Lead	ug/l	5	1.8			0.47 J

See Table 11 for validation qualifiers.
Result exceeds NJGWQS (NJAC 7:9C August 2018)

Notes:
ug/l = micrograms per liter
NJGWQS = New Jersey Ground Water Quality Standards
SVOCs = Semivolatile Organic Compounds
VOCs = Volatile Organic Compounds

TABLE 6B
SUMMARY OF ANALYTICAL RESULTS IN GROUNDWATER
O'CONNOR DISPOSAL AREA (OCDA)
FEBRUARY/MARCH 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Parameter	Units	NJGWQS	OB-14A	OB-16	OB-17	OB-24	RW-16
VOCs							
1,1,1-Trichloroethane	ug/l	30	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2,2-Tetrachloroethane	ug/l	1	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l		0.31 U 1	0.31 U 1	0.31 U 1	0.31 U 1	0.31 U 1
1,1,2-Trichloroethane	ug/l	3	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
1,1-Dichloroethane	ug/l	50	0.26 U	0.26 U	0.39 J	0.26 U	0.26 U
1,1-Dichloroethene	ug/l	1	0.26 U 1	0.26 U 1	0.26 U 1	0.26 U 1	0.26 U 1
1,2,3-Trichlorobenzene	ug/l		0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,2,3-Trichloropropane	ug/l	0.03	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
1,2,4-Trichlorobenzene	ug/l	9	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,2-Dibromo-3-Chloropropane	ug/l	0.02	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-Dichlorobenzene	ug/l	600	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,2-Dichloroethane	ug/l	2	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U
1,2-Dichloropropane	ug/l	1	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U
1,3-Dichlorobenzene	ug/l	600	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,4-Dichlorobenzene	ug/l	75	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2-Butanone (MEK)	ug/l	300	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Hexanone	ug/l	40	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
4-Methyl-2-pentanone (MIBK)	ug/l		1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Acetone	ug/l	6000	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U
Benzene	ug/l	1	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
Bromoform	ug/l	4	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Bromomethane	ug/l	10	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Carbon disulfide	ug/l	700	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
Carbon tetrachloride	ug/l	1	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
Chlorobenzene	ug/l	50	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Chlorobromomethane	ug/l		0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
Chlorodibromomethane	ug/l	1	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U
Chloroethane	ug/l	5^	0.32 U +	0.32 U +	0.32 U +	0.32 U +	0.32 U +
Chloroform	ug/l	70	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	ug/l		0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
cis-1,2-Dichloroethene	ug/l	70	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
cis-1,3-Dichloropropene	ug/l		0.069 U	0.069 U	0.069 U	0.069 U	0.069 U
Cyclohexane	ug/l		0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Dichlorobromomethane	ug/l	1	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Dichlorodifluoromethane	ug/l	1000	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
Ethylbenzene	ug/l	700	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Ethylene Dibromide	ug/l	0.03	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U
Isopropylbenzene	ug/l	700	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Methyl acetate	ug/l	7000	0.79 U + 1	0.79 U + 1	0.79 U + 1	0.79 U + 1	0.79 U + 1
Methyl tert-butyl ether	ug/l	70	0.22 U 1	0.22 U 1	0.22 U 1	0.55 J	0.22 U 1
Methylcyclohexane	ug/l		0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
Methylene Chloride	ug/l	3	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Styrene	ug/l	100	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Tetrachloroethene	ug/l	1	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Toluene	ug/l	600	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
trans-1,2-Dichloroethene	ug/l	100	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
trans-1,3-Dichloropropene	ug/l		0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Trichloroethene	ug/l	1	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U
Trichlorofluoromethane	ug/l	2000	0.32 U 1	0.32 U 1	0.32 U 1	0.32 U 1	0.32 U 1
Vinyl chloride	ug/l	1	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Xylenes, Total	ug/l	1000	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

TABLE 6B
SUMMARY OF ANALYTICAL RESULTS IN GROUNDWATER
O'CONNOR DISPOSAL AREA (OCDA)
FEBRUARY/MARCH 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Parameter	Units	NJGWQS	OB-14A	OB-16	OB-17	OB-24	RW-16
SVOCs							
1,4-Dioxane	ug/l	0.4	0.072 U	0.072 U	7.1	0.072 U	0.072 U
Metals							
Total Arsenic	ug/l	3	1.5 J	9.9	1.2 J	1.2 U	1.2 U
Dissolved Arsenic	ug/l	3	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Total Lead	ug/l	5	1.8	0.42 U	0.42 U	0.47 J	0.42 U
Dissolved Lead	ug/l	5	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U

See Table 11 for validation qualifiers.
Result exceeds NJGWQS (NJAC 7:9C August 2018)

Notes:
ug/l = micrograms per liter
NJGWQS = New Jersey Ground Water Quality Standards
SVOCs = Semivolatile Organic Compounds
VOCs = Volatile Organic Compounds
^ = NJGWQS for this compound is an Interim Specific Standard

TABLE 7A
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER
CANNON MINE PIT (CMP)
FEBRUARY/MARCH 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Parameter	Units	NJGWQS	RW-10 (120-130)	RW-10 (185-195)	RW-2 (279-289)	RW-2 (452-462)	RW-8 (163-173)	RW-8 (204-214)	RW-9 (139-149)	RW-9 (206-216)
VOCs										
2-Butanone (MEK)	ug/l	300	3.5 J							
Acetone	ug/l	6000	43	9.4		14				
Benzene	ug/l	1					0.79	0.87		
Carbon disulfide	ug/l	700	1.1	0.92 J					2.4	
Chlorobenzene	ug/l	50			1.9					
Methyl tert-butyl ether	ug/l	70			0.55 J	0.46 J				
Toluene	ug/l	600		0.43 J	0.8 J	0.48 J				0.44 J
Vinyl chloride	ug/l	1	0.059	0.11	0.13	0.14		0.089	0.076	0.13
SVOCs										
1,4-Dioxane	ug/l	0.4			4.8	0.62				
Metals										
Total Arsenic	ug/l	3	6.6	5.6	2.1	5.5	1.5 J	1.7 J	2.2	1.5 J
Dissolved Arsenic	ug/l	3	7.6	5.2	3.1	5.8			1.3 J	
Total Lead	ug/l	5			0.44 J			0.76 J		0.47 J

See Table 11 for validation qualifiers.
Result exceeds NJGWQS (NJAC 7:9C August 2018)

Notes:
ug/l = micrograms per liter
NJGWQS = New Jersey Ground Water Quality Standards
SVOCs = Semivolatile Organic Compounds
VOCs = Volatile Organic Compounds

TABLE 7B
SUMMARY OF ANALYTICAL RESULTS IN GROUNDWATER
CANNON MINE PIT (CMP)
FEBRUARY/MARCH 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Parameter	Units	NJGWQS	OB-3	RW-10 (120-130)	RW-10 (185-195)	RW-2 (279-289)	RW-2 (452-462)	RW-8 (163-173)	RW-8 (204-214)	RW-9 (139-149)	RW-9 (206-216)
VOCs											
1,1,1-Trichloroethane	ug/l	30	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2,2-Tetrachloroethane	ug/l	1	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l		0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
1,1,2-Trichloroethane	ug/l	3	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
1,1-Dichloroethane	ug/l	50	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,1-Dichloroethene	ug/l	1	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,2,3-Trichlorobenzene	ug/l		0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,2,3-Trichloropropane	ug/l	0.03	0.003 U	0.003 U 1	0.003 U 1	0.003 U 1	0.003 U 1	0.003 U 1	0.003 U 1	0.003 U 1	0.003 U 1
1,2,4-Trichlorobenzene	ug/l	9	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,2-Dibromo-3-Chloropropane	ug/l	0.02	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-Dichlorobenzene	ug/l	600	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,2-Dichloroethane	ug/l	2	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U
1,2-Dichloropropane	ug/l	1	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U
1,3-Dichlorobenzene	ug/l	600	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,4-Dichlorobenzene	ug/l	75	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2-Butanone (MEK)	ug/l	300	1.9 U	3.5 J	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Hexanone	ug/l	40	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
4-Methyl-2-pentanone (MIBK)	ug/l		1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Acetone	ug/l	6000	4.4 U	43	9.4	4.4 U	14	4.4 U	4.4 U	4.4 U	4.4 U
Benzene	ug/l	1	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.79	0.87	0.07 U	0.07 U
Bromoform	ug/l	4	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Bromomethane	ug/l	10	0.55 U 1	0.55 U 1	0.55 U 1	0.55 U 1	0.55 U	0.55 U 1	0.55 U 1	0.55 U 1	0.55 U 1
Carbon disulfide	ug/l	700	0.82 U	1.1	0.92 J	0.82 U	0.82 U	0.82 U	0.82 U	2.4	0.82 U
Carbon tetrachloride	ug/l	1	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
Chlorobenzene	ug/l	50	0.38 U	0.38 U	0.38 U	1.9	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Chlorobromomethane	ug/l		0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
Chlorodibromomethane	ug/l	1	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U
Chloroethane	ug/l	5^	0.32 U +	0.32 U +	0.32 U +	0.32 U +	0.32 U	0.32 U +	0.32 U +	0.32 U +	0.32 U +
Chloroform	ug/l	70	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	ug/l		0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
cis-1,2-Dichloroethene	ug/l	70	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
cis-1,3-Dichloropropene	ug/l		0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U
Cyclohexane	ug/l		0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Dichlorobromomethane	ug/l	1	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Dichlorodifluoromethane	ug/l	1000	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
Ethylbenzene	ug/l	700	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Ethylene Dibromide	ug/l	0.03	0.0079 U 1	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U
Isopropylbenzene	ug/l	700	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Methyl acetate	ug/l	7000	0.79 U	0.79 U + 1	0.79 U + 1	0.79 U	0.79 U	0.79 U + 1	0.79 U + 1	0.79 U + 1	0.79 U + 1
Methyl tert-butyl ether	ug/l	70	0.22 U	0.22 U	0.22 U	0.55 J	0.46 J	0.22 U	0.22 U	0.22 U	0.22 U
Methylcyclohexane	ug/l		0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
Methylene Chloride	ug/l	3	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Styrene	ug/l	100	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Tetrachloroethene	ug/l	1	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Toluene	ug/l	600	0.38 U	0.38 U	0.43 J	0.8 J	0.48 J	0.38 U	0.38 U	0.38 U	0.44 J
trans-1,2-Dichloroethene	ug/l	100	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
trans-1,3-Dichloropropene	ug/l		0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Trichloroethene	ug/l	1	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U
Trichlorofluoromethane	ug/l	2000	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Vinyl chloride	ug/l	1	0.005 U	0.059	0.11	0.13	0.14	0.005 U	0.089	0.076	0.13
Xylenes, Total	ug/l	1000	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

TABLE 7B
SUMMARY OF ANALYTICAL RESULTS IN GROUNDWATER
CANNON MINE PIT (CMP)
FEBRUARY/MARCH 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Parameter	Units	NJGWQS	OB-3	RW-10 (120-130)	RW-10 (185-195)	RW-2 (279-289)	RW-2 (452-462)	RW-8 (163-173)	RW-8 (204-214)	RW-9 (139-149)	RW-9 (206-216)
SVOCs											
1,4-Dioxane	ug/l	0.4	0.072 U	0.072 U	0.072 U	4.9	0.62	0.072 U	0.072 U	0.072 U	0.072 U
Metals											
Total Arsenic	ug/l	3	1.2 U	6.6	5.6	2.1	5.5	1.5 J	1.7 J	2.2	1.5 J
Dissolved Arsenic	ug/l	3	1.2 U	7.6	5.2	3.1	5.8	1.2 U	1.2 U	1.3 J	1.2 U
Total Lead	ug/l	5	0.42 U	0.42 U	0.42 U	0.44 J	0.42 U	0.42 U	0.76 J	0.42 U	0.47 J
Dissolved Lead	ug/l	5	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U

See Table 11 for validation qualifiers.
Result exceeds NJGWQS (NJAC 7:9C August 2018)

Notes:
ug/l = micrograms per liter
NJGWQS = New Jersey Ground Water Quality Standards
SVOCs = Semivolatile Organic Compounds
VOCs = Volatile Organic Compounds
^ = NJGWQS for this compound is an Interim Specific Standard

TABLE 8A
SUMMARY OF DETECTED ANALYTES IN GROUNDWATER
SALLY'S POND AREA (SPA)
FEBRUARY/MARCH 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Parameter	Units	NJGWQS	OB-29	RW-12 (130-140)	RW-12 (55-65)
VOCs					
Carbon disulfide	ug/l	700			0.95 J
Chloromethane	ug/l				0.53 J
Toluene	ug/l	600			0.62 J
Trichloroethene	ug/l	1			0.53
Metals					
Total Arsenic	ug/l	3		11.2	6.5
Dissolved Arsenic	ug/l	3		8.5	8.4
Total Lead	ug/l	5	0.74 J	4.2	2.3

See Table 11 for validation qualifiers.
Result exceeds NJGWQS (NJAC 7:9C August 2018)

Notes:
ug/l = micrograms per liter
NJGWQS = New Jersey Ground Water Quality Standards
SVOCs = Semivolatile Organic Compounds
VOCs = Volatile Organic Compounds

TABLE 8B
SUMMARY OF ANALYTICAL RESULTS IN GROUNDWATER
SALLY'S POND AREA (SPA)
FEBRUARY/MARCH 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Parameter	Units	NJGWQS	OB-10	OB-29	RW-12 (130-140)	RW-12 (55-65)
VOCs						
1,1,1-Trichloroethane	ug/l	30	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2,2-Tetrachloroethane	ug/l	1	0.085 U	0.085 U	0.085 U	0.085 U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l		0.31 U	0.31 U	0.31 U	0.31 U
1,1,2-Trichloroethane	ug/l	3	0.19 U	0.19 U	0.19 U	0.19 U
1,1-Dichloroethane	ug/l	50	0.26 U	0.26 U	0.26 U	0.26 U
1,1-Dichloroethene	ug/l	1	0.26 U	0.26 U	0.26 U	0.26 U
1,2,3-Trichlorobenzene	ug/l		0.36 U	0.36 U	0.36 U	0.36 U
1,2,3-Trichloropropane	ug/l	0.03	0.003 U	0.003 U	0.003 U 1	0.003 U 1
1,2,4-Trichlorobenzene	ug/l	9	0.37 U	0.37 U	0.37 U	0.37 U
1,2-Dibromo-3-Chloropropane	ug/l	0.02	0.01 U	0.01 U	0.01 U	0.01 U
1,2-Dichlorobenzene	ug/l	600	0.21 U	0.21 U	0.21 U	0.21 U
1,2-Dichloroethane	ug/l	2	0.087 U	0.087 U	0.087 U	0.087 U
1,2-Dichloropropane	ug/l	1	0.074 U	0.074 U	0.074 U	0.074 U
1,3-Dichlorobenzene	ug/l	600	0.34 U	0.34 U	0.34 U	0.34 U
1,4-Dichlorobenzene	ug/l	75	0.33 U	0.33 U	0.33 U	0.33 U
2-Butanone (MEK)	ug/l	300	1.9 U	1.9 U	1.9 U	1.9 U
2-Hexanone	ug/l	40	1.1 U	1.1 U	1.1 U	1.1 U
4-Methyl-2-pentanone (MIBK)	ug/l		1.3 U	1.3 U	1.3 U	1.3 U
Acetone	ug/l	6000	4.4 U	4.4 U	4.4 U	4.4 U
Benzene	ug/l	1	0.07 U	0.07 U	0.07 U	0.07 U
Bromoform	ug/l	4	0.54 U	0.54 U	0.54 U	0.54 U
Bromomethane	ug/l	10	0.55 U 1	0.55 U 1	0.55 U 1	0.55 U 1
Carbon disulfide	ug/l	700	0.82 U	0.82 U	0.82 U	0.95 J
Carbon tetrachloride	ug/l	1	0.21 U	0.21 U	0.21 U	0.21 U
Chlorobenzene	ug/l	50	0.38 U	0.38 U	0.38 U	0.38 U
Chlorobromomethane	ug/l		0.41 U	0.41 U	0.41 U	0.41 U
Chlorodibromomethane	ug/l	1	0.086 U	0.086 U	0.086 U	0.086 U
Chloroethane	ug/l	5^	0.32 U +	0.32 U +	0.32 U +	0.32 U +
Chloroform	ug/l	70	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	ug/l		0.4 U	0.4 U	0.4 U	0.53 J
cis-1,2-Dichloroethene	ug/l	70	0.22 U	0.22 U	0.22 U	0.22 U
cis-1,3-Dichloropropene	ug/l		0.069 U	0.069 U	0.069 U	0.069 U
Cyclohexane	ug/l		0.32 U	0.32 U	0.32 U	0.32 U
Dichlorobromomethane	ug/l	1	0.15 U	0.15 U	0.15 U	0.15 U
Dichlorodifluoromethane	ug/l	1000	0.31 U	0.31 U	0.31 U	0.31 U
Ethylbenzene	ug/l	700	0.3 U	0.3 U	0.3 U	0.3 U
Ethylene Dibromide	ug/l	0.03	0.0079 U 1	0.0079 U 1	0.0079 U	0.0079 U
Isopropylbenzene	ug/l	700	0.34 U	0.34 U	0.34 U	0.34 U
Methyl acetate	ug/l	7000	0.79 U	0.79 U	0.79 U + 1	0.79 U
Methyl tert-butyl ether	ug/l	70	0.22 U	0.22 U	0.22 U	0.22 U
Methylcyclohexane	ug/l		0.71 U	0.71 U	0.71 U	0.71 U

TABLE 8B
SUMMARY OF ANALYTICAL RESULTS IN GROUNDWATER
SALLY'S POND AREA (SPA)
FEBRUARY/MARCH 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Parameter	Units	NJGWQS	OB-10	OB-29	RW-12 (130-140)	RW-12 (55-65)
Methylene Chloride	ug/l	3	0.32 U	0.32 U	0.32 U	0.32 U
Styrene	ug/l	100	0.42 U	0.42 U	0.42 U	0.42 U
Tetrachloroethene	ug/l	1	0.28 U	0.28 U	0.28 U	0.28 U
Toluene	ug/l	600	0.38 U	0.38 U	0.38 U	0.62 J
trans-1,2-Dichloroethene	ug/l	100	0.24 U	0.24 U	0.24 U	0.24 U
trans-1,3-Dichloropropene	ug/l		0.12 U	0.12 U	0.12 U	0.12 U
Trichloroethene	ug/l	1	0.074 U	0.074 U	0.074 U	0.53
Trichlorofluoromethane	ug/l	2000	0.32 U	0.32 U	0.32 U	0.32 U
Vinyl chloride	ug/l	1	0.005 U	0.005 U	0.005 U	0.005 U
Xylenes, Total	ug/l	1000	0.65 U	0.65 U	0.65 U	0.65 U
SVOCs						
1,4-Dioxane	ug/l	0.4	0.072 U	0.072 U	0.072 U	0.072 U
Metals						
Total Arsenic	ug/l	3	1.2 U	1.2 U	11.2	6.5
Dissolved Arsenic	ug/l	3	1.2 U	1.2 U	8.5	8.4
Total Lead	ug/l	5	0.42 U	0.74 J	4.2	2.3
Dissolved Lead	ug/l	5	0.42 U	0.42 U	0.42 U	0.42 U

See Table 11 for validation qualifiers.
Result exceeds NJGWQS (NJAC 7:9C August 2018)

Notes:
ug/l = micrograms per liter
NJGWQS = New Jersey Ground Water Quality Standards
SVOCs = Semivolatile Organic Compounds
VOCs = Volatile Organic Compounds
^ = NJGWQS for this compound is an Interim Specific Standard

TABLE 9A
SUMMARY OF DETECTED ANALYTES IN SURFACE WATER
FEBRUARY/MARCH 2025
RINGWOOD MINES/LANDFULL SUPERFUND SITE

Parameter	Units	NJSWQS	SR-3 Seep 2	SR-3 Seep 2 DUP	SW-MRB-01	SW-MRB-02	SW-PAB-01	SW-PAB-01A	SW-PMB-02
VOCs									
Acetone	ug/l					6.1			
Chloroethane	ug/l		1.2	1.3			0.88 J		
Vinyl chloride	ug/l	0.082	0.044	0.039			0.011 J		
SVOCs									
1,4-Dioxane	ug/l		1.5	1.5			0.55		
Metals									
Total Lead	ug/l	5			0.87 J	0.64 J		0.93 J	0.71 J

See Table 11 for validation qualifiers.
Result exceeds NJSWQS (NJAC 7:9C August 2018)

Notes:
ug/l = micrograms per liter
NJGWQS = New Jersey Ground Water Quality Standards
SVOCs = Semivolatile Organic Compounds
VOCs = Volatile Organic Compounds

TABLE 9B
SUMMARY OF ANALYTICAL RESULTS IN SURFACE WATER
FEBRUARY/MARCH 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Parameter	Units	NJSWQS	SR-3 Seep 2	SR-3 Seep 2 DUP	SW-03	SW-04	SW-11	SW-MRB-00	SW-MRB-01	SW-MRB-02	SW-MRB-03	SW-NOB-01	SW-NOB-02	SW-PAB-00	SW-PAB-01	SW-PAB-01A	SW-PAB-02	SW-PAB-03	SW-PAB-04	SW-PMB-01	SW-PMB-02	SW-SP-01
VOCs			0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,1-Trichloroethane	ug/l	120	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U
1,1,2,2-Tetrachloroethane	ug/l	4.7	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l		0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
1,1,2-Trichloroethane	ug/l	13	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,1-Dichloroethane	ug/l		0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,1-Dichloroethene	ug/l	4.7	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,2,3-Trichlorobenzene	ug/l		0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U
1,2,3-Trichloropropane	ug/l		0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,2,4-Trichlorobenzene	ug/l	21	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-Dibromo-3-Chloropropane	ug/l		0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,2-Dichlorobenzene	ug/l	2000	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U
1,2-Dichloroethane	ug/l	0.29	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U
1,2-Dichloropropane	ug/l	0.5	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,3-Dichlorobenzene	ug/l	2200	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1,4-Dichlorobenzene	ug/l	550	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Butanone (MEK)	ug/l		1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
2-Hexanone	ug/l		1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
4-Methyl-2-pentanone (MIBK)	ug/l		4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	6.1	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U
Acetone	ug/l		0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
Benzene	ug/l	0.15	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Bromoform	ug/l	4.3	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Bromomethane	ug/l	47	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
Carbon disulfide	ug/l		0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
Carbon tetrachloride	ug/l	0.33	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Chlorobenzene	ug/l	210	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
Chlorobromomethane	ug/l		0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U
Chlorodibromomethane	ug/l	0.4	1.2	1.3	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.88 J	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Chloroethane	ug/l		0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloroform	ug/l	68	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Chloromethane	ug/l		0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
cis-1,2-Dichloroethene	ug/l		0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U
cis-1,3-Dichloropropene	ug/l		0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Cyclohexane	ug/l		0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Dichlorobromomethane	ug/l	0.55	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
Dichlorodifluoromethane	ug/l		0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Ethylbenzene	ug/l	530	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U
Ethylene Dibromide	ug/l		0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Isopropylbenzene	ug/l		0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U	0.79 U
Methyl acetate	ug/l		0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U
Methyl tert-butyl ether	ug/l	70	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
Methylcyclohexane	ug/l		0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Methylene Chloride	ug/l	2.5	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Styrene	ug/l		0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Tetrachloroethene	ug/l	0.34	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Toluene	ug/l	1300	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
trans-1,2-Dichloroethene	ug/l	590	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
trans-1,3-Dichloropropene	ug/l		0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U
Trichloroethene	ug/l	1	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Trichlorofluoromethane	ug/l		0.044	0.039	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.011 J	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Vinyl chloride	ug/l	0.082	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
Xylenes, Total	ug/l		0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

TABLE 9B
SUMMARY OF ANALYTICAL RESULTS IN SURFACE WATER
FEBRUARY/MARCH 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Parameter	Units	NJSWQS	SR-3 Seep 2	SR-3 Seep 2 DUP	SW-03	SW-04	SW-11	SW-MRB-00	SW-MRB-01	SW-MRB-02	SW-MRB-03	SW-NOB-01	SW-NOB-02	SW-PAB-00	SW-PAB-01	SW-PAB-01A	SW-PAB-02	SW-PAB-03	SW-PAB-04	SW-PMB-01	SW-PMB-02	SW-SP-01
SVOCS																						
1,4-Dioxane	ug/l		1.5	1.5	0.072 U	0.072 U	0.072 U	0.072 U	0.072 U	0.072 U	0.072 U	0.072 U	0.072 U	0.072 U F	0.54	0.072 U	0.072 U	0.072 U	0.072 U	0.072 U	0.072 U	0.072 U
Metals																						
Total Arsenic	ug/l	0.017	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Dissolved Arsenic	ug/l	0.017	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Total Lead	ug/l	5	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.87 J	0.64 J	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.93 J	0.42 U	0.42 U	0.42 U	0.42 U	0.71 J	0.42 U
Dissolved Lead	ug/l	5	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U

See Table 11 for validation qualifiers.
Result exceeds NJSWQS (NJAC 7:9C August 2018)

Notes:
ug/l = micrograms per liter
NJGWQS = New Jersey Ground Water Quality Standards
SVOCs = Semivolatile Organic Compounds
VOCs = Volatile Organic Compounds

TABLE 10
SUMMARY OF ANALYTICAL RESULTS IN FIELD AND TRIP BLANKS
FEBRUARY/MARCH 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Parameter	Units	FB-03-022725FB	Field Blank-01-022525FB	Trip Blank-01-022525TB	Trip Blank-02-022625TB	Trip Blank-03-022725TB	Trip Blank-04-030325TB
VOCs							
1,1,1-Trichloroethane	ug/l	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
1,1,2,2-Tetrachloroethane	ug/l	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U	0.085 U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/l	0.31 U	0.31 U	0.31 U	0.31 U 1	0.31 U	0.31 U
1,1,2-Trichloroethane	ug/l	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U
1,1-Dichloroethane	ug/l	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
1,1-Dichloroethene	ug/l	0.26 U	0.26 U	0.26 U	0.26 U 1	0.26 U	0.26 U
1,2,3-Trichlorobenzene	ug/l	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
1,2,3-Trichloropropane	ug/l	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U 1	0.003 U
1,2,4-Trichlorobenzene	ug/l	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
1,2-Dibromo-3-Chloropropane	ug/l	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-Dichlorobenzene	ug/l	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
1,2-Dichloroethane	ug/l	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U	0.087 U
1,2-Dichloropropane	ug/l	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U
1,3-Dichlorobenzene	ug/l	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
1,4-Dichlorobenzene	ug/l	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2-Butanone (MEK)	ug/l	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2-Hexanone	ug/l	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
4-Methyl-2-pentanone (MIBK)	ug/l	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Acetone	ug/l	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U	4.4 U
Benzene	ug/l	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U	0.07 U
Bromoform	ug/l	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
Bromomethane	ug/l	0.55 U 1	0.55 U	0.55 U	0.55 U	0.55 U 1	0.55 U
Carbon disulfide	ug/l	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U	0.82 U
Carbon tetrachloride	ug/l	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
Chlorobenzene	ug/l	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
Chlorobromomethane	ug/l	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U	0.41 U
Chlorodibromomethane	ug/l	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U	0.086 U
Chloroethane	ug/l	0.32 U +	0.32 U	0.32 U	0.32 U +	0.32 U +	0.32 U
Chloroform	ug/l	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Chloromethane	ug/l	0.4 U	0.4 U	0.45 J	0.4 U	0.4 U	0.44 J
cis-1,2-Dichloroethene	ug/l	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U	0.22 U

TABLE 10
SUMMARY OF ANALYTICAL RESULTS IN FIELD AND TRIP BLANKS
FEBRUARY/MARCH 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Parameter	Units	FB-03-022725FB	Field Blank-01-022525FB	Trip Blank-01-022525TB	Trip Blank-02-022625TB	Trip Blank-03-022725TB	Trip Blank-04-030325TB
cis-1,3-Dichloropropene	ug/l	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U	0.069 U
Cyclohexane	ug/l	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Dichlorobromomethane	ug/l	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
Dichlorodifluoromethane	ug/l	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U	0.31 U
Ethylbenzene	ug/l	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
Ethylene Dibromide	ug/l	0.0079 U 1	0.0079 U	0.0079 U	0.0079 U	0.0079 U	0.0079 U
Isopropylbenzene	ug/l	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Methyl acetate	ug/l	0.79 U	0.79 U	0.79 U	0.79 U + 1	0.79 U	0.79 U
Methyl tert-butyl ether	ug/l	0.22 U	0.22 U	0.22 U	0.22 U 1	0.22 U	0.22 U
Methylcyclohexane	ug/l	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U	0.71 U
Methylene Chloride	ug/l	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
Styrene	ug/l	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Tetrachloroethene	ug/l	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U	0.28 U
Toluene	ug/l	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U	0.38 U
trans-1,2-Dichloroethene	ug/l	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U	0.24 U
trans-1,3-Dichloropropene	ug/l	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U	0.12 U
Trichloroethene	ug/l	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U	0.074 U
Trichlorofluoromethane	ug/l	0.32 U	0.32 U	0.32 U	0.32 U 1	0.32 U	0.32 U
Vinyl chloride	ug/l	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Xylenes, Total	ug/l	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
SVOCs							
1,4-Dioxane	ug/l	0.072 U	0.072 U				
Metals							
Arsenic	ug/l	1.2 U	1.2 U				
Lead	ug/l	0.42 U	0.42 U				

See Table 11 for validation qualifiers.

Notes:
ug/l = micrograms per liter
SVOCs = Semivolatile Organic Compounds
VOCs = Volatile Organic Compounds

TABLE 11

CADENA Valid Qualifiers

Valid Qualifiers	Description
<	Less than the reported concentration.
>	Greater than the reported concentration.
B	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was greater than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the reported concentration. For Inorganic methods the sample concentration was greater than the RDL and less than 10x the blank concentration and is considered non-detect at the reported concentration.
E	The analyte / Compound reported exceeds the calibration range and is considered estimated.
EMPC	Estimated Minimum Potential Contamination - Dioxin/Furan analyses only.
J	Indicates an estimated value. This flag is used either when estimating a concentration for a tentatively identified compound or when the data indicates the presence of an analyte / compound but the result is less than the sample Quantitation limit, but greater than zero. The flag is also used in data validation to indicate a reported value should be considered estimated due to associated quality assurance deficiencies.
J-	The result is an estimated quantity, but the result may be biased low.
JB	NON-DETECT AT THE CONCENTRATION REPORTED AND ESTIMATED
JH	The sample result is considered estimated and is potentially biased high.
JL	The sample result is considered estimated and is potentially biased low.
JUB	NON-DETECT AT THE REPORTING LIMIT AND ESTIMATED
NJ	Tentatively identified compound with approximated concentration.
R	Indicates the value is considered to be unusable. (Note: The analyte / compound may or may not be present.)
TNTC	Too Numerous to Count - Asbestos and Microbiological Results.
U	Indicates that the analyte / compound was analyzed for, but not detected.
UB	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was less than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the RDL. For Inorganic methods the sample concentration was less than the RDL and less than 10x the blank concentration and is considered non-detect at the RDL.
UJ	The analyte / compound was not detected above the reported sample Quantitation limit. However, the Quantitation limit is considered to be approximate due to associated quality assurance results and may or may not represent the actual limit of Quantitation to accurately and precisely report the analyte in the sample.

TABLE 12
SUMMARY OF BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
FEBRUARY/MARCH 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Sampling Location	Sample Date	Benzene	Chloroethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
Groundwater		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
NJGWQS		1	5^	0.4	3	3	5	5
OB- 3	2/27/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
OB-10	2/27/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
OB-11R	2/27/2025	< 0.07	35	3.8	31.9	< 1.2	< 0.42	< 0.42
OB-14A	2/26/2025	< 0.07	< 0.32	< 0.072	1.5 J	< 1.2	1.8	< 0.42
OB-16	2/26/2025	< 0.07	< 0.32	< 0.072	9.9	< 1.2	< 0.42	< 0.42
OB-17	2/26/2025	< 0.07	< 0.32	7.1	1.2 J	< 1.2	< 0.42	< 0.42
OB-19	2/26/2025	0.96	5.1	2.3	< 1.2	< 1.2	0.81 J	< 0.42
OB-19	2/26/2025	1	5.1	2.2	< 1.2	< 1.2	0.7 J	< 0.42
OB-20B	2/27/2025	< 0.07	0.44 J	< 0.072	2.1	< 1.2	0.58 J	< 0.42
OB-24	2/26/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	0.47 J	< 0.42
OB-27	2/26/2025	< 0.07	52 J	3.4	38.1	< 1.2	0.6 J	< 0.42
OB-29	2/27/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	0.74 J	< 0.42
OB-31	2/26/2025	< 0.07	2.4	0.68	25	< 1.2	0.61 J	< 0.42
OB-32	2/27/2025	< 0.07	< 0.32	< 0.072	20.4	< 1.2	< 0.42	< 0.42
RW- 2 (279-289)	2/27/2025	< 0.07	< 0.32	4.9	2.1	3.1	0.44 J	< 0.42
RW- 2 (452-462)	2/27/2025	< 0.07	< 0.32	0.62	5.5	5.8	< 0.42	< 0.42
RW- 3 (77-87)	2/26/2025	< 0.07	< 0.32	12	< 1.2	< 1.2	1.3	< 0.42
RW- 3 DS (155-160)	2/26/2025	< 0.07	< 0.32	13	16.8	13	< 0.42	< 0.42
RW- 3DD (175-180)	2/26/2025	< 0.07	< 0.32	11	5.8	6.3	1.2	< 0.42
RW- 5 (99-119)	2/26/2025	< 0.07	< 0.32	4.9	7.1	5.9	2.1	0.51 J
RW- 6	2/27/2025	< 0.07	1.4	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
RW- 6A	2/27/2025	1.5	0.87 J	0.82	< 1.2	< 1.2	0.58 J	< 0.42
RW- 8 (163-173)	2/28/2025	0.79	< 0.32	< 0.072	1.5 J	< 1.2	< 0.42	< 0.42
RW- 8 (204-214)	2/28/2025	0.87	< 0.32	< 0.072	1.7 J	< 1.2	0.76 J	< 0.42
RW- 9 (139-149)	2/27/2025	< 0.07	< 0.32	< 0.072	2.2	1.3 J	< 0.42	< 0.42
RW- 9 (206-216)	2/27/2025	< 0.07	< 0.32	< 0.072	1.5 J	< 1.2	0.47 J	< 0.42
RW-10 (120-130)	2/27/2025	< 0.07	< 0.32	< 0.072	6.6	7.6	< 0.42	< 0.42
RW-10 (185-195)	2/27/2025	< 0.07	< 0.32	< 0.072	5.6	5.2	< 0.42	< 0.42
RW-11 S (236-241)	2/26/2025	0.31 J	< 0.32	2.3	< 1.2	< 1.2	< 0.42	< 0.42
RW-11D (262-267)	2/26/2025	11	< 0.32	58	1.2 J	< 1.2	< 0.42	< 0.42
RW-12 (55-65)	2/27/2025	< 0.07	< 0.32	< 0.072	6.5	8.4	2.3	< 0.42
RW-12 (130-140)	2/27/2025	< 0.07	< 0.32	< 0.072	11.2	8.5	4.2	< 0.42
RW-14 S	2/26/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
RW-14D	2/26/2025	< 0.07	< 0.32	< 0.072	1.2 J	1.3 J	< 0.42	< 0.42
RW-15 S	2/28/2025	< 0.07	< 0.32	< 0.072	2	1.8 J	< 0.42	< 0.42
RW-15D	2/28/2025	< 0.07	< 0.32	0.62	17.4	13.5	< 0.42	< 0.42
RW-16	2/26/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
RW-17 S	3/3/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	14.8	1.2
RW-17DS	3/3/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	2.1	< 0.42
RW-18 S	3/3/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	6.9	< 0.42
RW-18D S	3/3/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	5	< 0.42
RW-18DD	3/3/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	2.7	< 0.42
RW-19 S	3/3/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	1.2	< 0.42
RW-19 S	3/3/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	0.66 J	< 0.42
RW-19D S	3/3/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	1.4	< 0.42
RW-19DD	3/3/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	10.3	< 0.42

TABLE 12
SUMMARY OF BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
FEBRUARY/MARCH 2025
RINGWOOD MINES/LANDFILL SUPERFUND SITE

Sampling Location	Sample Date	Benzene	Chloroethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
Groundwater		ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l

See Table 11 for validation qualifiers.
Result exceeds NJGWQS (NJAC 7:9C August 2018) or NJSWQS
Notes:
ug/l = micrograms per liter
NJGWQS = New Jersey Ground Water Quality Standards
< = not detected - value is method detection limit
^ = NJGWQS for this compound is an Interim Specific Standard
NJSWQS = New Jersey Surface Water Quality Standards

TABLE 13A
SUMMARY OF HISTORICAL GROUNDWATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Well ID	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJGWQS		1	5^	0.4	3	3	5	5
OB-03	10/13/2004	< 0.5	< 1		< 5	< 5	< 3	< 3
OB-03	9/28/2006	< 0.21	< 0.56		< 1.5	< 1.5	< 2.6	< 2.6
OB-03	4/3/2007	< 0.21	< 0.56		< 1.5	< 1.5	< 2.8	< 2.8
OB-03	10/8/2007	< 0.19	< 0.67		< 1.1	< 1.1	< 0.94	< 0.94
OB-03	4/28/2008	< 0.26	< 0.22		< 1.7	< 1.7	< 1.4	< 1.4
OB-03	9/9/2008	< 0.26	< 0.22		< 1.7	< 1.7	< 1.4	< 1.4
OB-03	6/30/2009	< 0.23	< 0.37		< 2.4	< 2.4	< 1.7	< 1.7
OB-03	10/20/2009	< 0.23	< 0.37		< 2.4	< 2.4	< 1.7	< 1.7
OB-03	5/25/2010	< 0.23	< 0.37		< 1.4	< 1.4	< 1.9	< 1.9
OB-03	5/17/2011	< 0.26	< 0.25		< 0.92	< 0.92	< 0.94	< 0.94
OB-03	4/23/2012	< 0.22	< 0.37		< 0.97	< 0.97	< 1.7	< 1.7
OB-03	11/15/2013	< 0.28	< 0.39		< 1.5	< 1.5	< 2.4	< 2.4
OB-03	9/8/2014	< 0.21	< 0.56		< 2.6	< 2.6	< 1.3	< 1.3
OB-03	8/10/2015	< 0.2	< 0.36	< 0.27	< 0.5	< 0.5	< 0.2	< 0.2
OB-03	8/16/2016	< 0.09	< 0.37	< 0.0735	< 0.71	< 0.71	< 0.44	< 0.44
OB-03	8/21/2017	< 0.09	< 0.37	< 0.0781	< 0.64	< 0.64	< 0.38	< 0.38
OB-03 DUP	8/21/2017	< 0.09	< 0.37	< 0.0833	< 0.64	< 0.64	< 0.38	< 0.38
OB-03	8/22/2018	< 0.43	< 0.32	< 0.017	< 0.77	< 0.77	< 0.37	< 0.37
OB-03	11/10/2020	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	0.13 UB	< 0.11
OB-3	8/19/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.84	< 0.84
OB-3	2/10/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
OB-3	8/4/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
OB-3	2/21/2023	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
OB-3 DUP	2/21/2023	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
OB-3	8/9/2023	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
OB-3	2/22/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
OB-3	8/20/2024	0.23 J	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
OB-3	2/27/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
OB-10	10/14/2004	< 0.5	< 1		< 5	< 5	< 3	< 3
OB-10	10/2/2006	< 0.21	< 0.56		< 1.5	< 1.5	< 2.6	< 2.6
OB-10	4/2/2007	< 0.21	< 0.56		< 1.5	< 1.5	< 2.8	< 2.8
OB-10	10/12/2007	< 0.19	< 0.67		< 1.1	< 1.1	< 0.94	< 0.94
OB-10	4/29/2008	< 0.26	< 0.22		< 1.7	< 1.7	< 1.4	< 1.4
OB-10	9/10/2008	< 0.26	< 0.22		< 1.7	< 1.7	< 1.4	< 1.4
OB-10	7/1/2009	< 0.23	< 0.37		< 2.4	< 2.4	< 1.7	< 1.7
OB-10	10/21/2009	< 0.23	< 0.37		< 2.4	< 2.4	< 1.7	< 1.7
OB-10	5/26/2010	< 0.23	< 0.37		< 1.4	< 1.4	< 1.9	< 1.9
OB-10	5/17/2011	< 0.26	< 0.25		< 0.92	< 0.92	< 0.94	< 0.94
OB-10	4/20/2012	< 0.22	< 0.37		< 0.97	< 0.97	< 1.7	< 1.7
OB-10	11/14/2013	< 0.28	< 0.39		< 1.5	< 1.5	< 2.4	< 2.4
OB-10	9/9/2014	< 0.21	< 0.56		< 2.6	< 2.6	< 1.3	< 1.3
OB-10	8/14/2015	< 0.2	< 0.36	< 0.27	1.3 J B	< 0.5	< 0.2	< 0.2
OB-10	8/16/2016	< 0.09	< 0.37	0.172	< 0.71	< 0.71	< 0.44	< 0.44
OB-10	8/18/2017	< 0.09	< 0.37	0.155	< 0.64	< 0.64	< 0.38	< 0.38
OB-10	8/22/2018	< 0.43	< 0.32	< 0.016	< 0.77	< 0.77	< 0.37	< 0.37
OB-10	11/11/2020	< 0.2	< 0.32	< 0.016	2.2	< 0.89	1 UB	< 0.11

TABLE 13A
SUMMARY OF HISTORICAL GROUNDWATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Well ID	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJGWQS		1	5^	0.4	3	3	5	5
OB-10	8/18/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.84	< 0.84
OB-10	2/10/2022	< 0.2	< 0.32	0.092 J	< 0.89	< 0.89	< 0.84	< 0.84
OB-10	8/4/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
OB-10	2/22/2023	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
OB-10	8/9/2023	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
OB-10	2/22/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
OB-10	8/20/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
OB-10 DUP	8/20/2024	0.28 J	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
OB-10	2/27/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
OB-11R	6/11/2010	5.2	39.1		24.9	3.8	< 1.9	< 1.9
OB-11R	5/18/2011	3.7	20.2		23.9	19.5	7.4	2.4 B
OB-11R	4/26/2012	3.7	37.9 J		21	7.5 J	4.5	3.7 J
OB-11R	11/8/2013	4.7	30.2		25.3	7.3	< 2.4	< 2.4
OB-11R	9/11/2014	3.5	21.2		31.2	6.1	< 1.3	< 1.3
OB-11R	3/20/2015	3.2	24.3					
OB-11R	4/21/2015	2.9	21.2					
OB-11R	6/1/2015	2.9	22					
OB-11R	8/6/2015	2.9	23	4.3 J	25 B	0.89 J B	< 0.2	< 0.2
OB-11R	12/15/2015	3.1	30	1.3				
OB-11R	5/25/2016	2.5	20	1.8				
OB-11R	8/17/2016	3.2	24	5.97	23.8	< 0.71	< 0.44	< 0.44
OB-11R	2/3/2017	2.2	17	3.57	24.4	< 0.64	< 0.38	< 0.38
OB-11R	8/17/2017	2.5	17	6.11	27.3	< 0.64	0.4 J	< 0.38
OB-11R	8/22/2018	2	27	3.7	25.8	< 0.77	< 0.37	< 0.37
OB-11R	11/10/2020	0.88 J	22	3.1	27.9	< 0.89	0.44 UB	< 0.11
OB-11R	3/9/2021	0.71 J	19	1.8	33.9	< 0.89	< 0.84	< 0.84
OB-11R	8/19/2021	0.74 J	24	2.5	27.3	< 0.89	< 0.84	< 0.84
OB-11R	11/16/2021	0.77 J	23	4.3	29.4	< 0.89	< 0.84	< 0.84
OB-11R	2/9/2022	0.65 J	23	3.8	22.5	< 0.89	< 0.84	< 0.84
OB-11R	5/17/2022	0.52 J	25	5.7	21.8	< 0.89	< 0.84	< 0.84
OB-11R	8/3/2022	0.48 J	38	3.6	27.8	< 0.89	< 0.84	< 0.84
OB-11R	11/17/2022	0.43 J	27	2.4	32.2	< 0.89	< 0.84	< 0.84
OB-11R	2/21/2023	0.55 J	24	3.5	27.2	< 0.89	< 0.84	< 0.84
OB-11R	8/10/2023	0.36 J	40	4.2	29.1	< 1.2	< 0.42	< 0.42
OB-11R DUP	8/10/2023	0.4 J	35	3.8	28.3	< 1.2	< 0.42	< 0.42
OB-11R	2/26/2024	0.57 J	36	4.2	25.7	< 1.2	0.46 J	< 0.42
OB-11R	8/23/2024	< 0.2	34	5.4	30.6	< 1.2	< 0.42	< 0.42
OB-11R	2/27/2025	< 0.07	35	3.8	31.9	< 1.2	< 0.42	< 0.42
OB-14A	10/12/2004	< 0.5	< 1		16.7	19.6	< 3	< 3
OB-14A	9/27/2006	< 0.21	< 0.56		4.5 J	5.5 J	< 2.6	< 2.6
OB-14A	4/9/2007	< 0.21	< 0.56		2.4	< 1.5	3.3	2.9 B
OB-14A	10/11/2007	< 0.19	< 0.67		23.1	5.6	1.4 B	< 0.94
OB-14A	4/30/2008	< 0.26	< 0.22		14.4	3.8	4	2.7 B
OB-14A	9/11/2008	< 0.26	< 0.22		2.3 BJ	< 1.7	< 1.4	< 1.4
OB-14A	7/6/2009	< 0.23	< 0.37		< 3	< 3	< 1.7	< 1.7
OB-14A	10/23/2009	< 0.23	< 0.37		< 2.4	< 2.4	< 1.7	< 1.7

TABLE 13A
SUMMARY OF HISTORICAL GROUNDWATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Well ID	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJGWQS		1	5^	0.4	3	3	5	5
OB-14A	5/28/2010	< 0.23	< 0.37		1.8 B	< 1.4	< 1.9	< 1.9
OB-14A	5/19/2011	< 0.26	< 0.25		< 0.92	< 0.92	3.8 J	< 3
OB-14A	4/18/2012	< 0.22	< 0.37		< 0.97	< 0.97	< 1.7	< 1.7
OB-14A	11/6/2013	< 0.28	< 0.39		2.8 B	< 1.5	< 3.6	< 2.4
OB-14A	9/3/2014	< 0.21	< 0.56		< 2.6	< 2.6	< 1.3	< 1.3
OB-14A	9/11/2014	< 0.21	< 0.56		5.2	3.5	< 1.3	< 1.3
OB-14A	8/13/2015	< 0.2	< 0.36	< 0.27	9.2	1.2 J	0.86 J	< 0.2
OB-14A	5/23/2016	< 0.09	< 0.37	< 0.16				
OB-14A	8/16/2016	< 0.09	< 0.37	< 0.0833	1 J	< 0.71	0.56 J	< 0.44
OB-14A	8/23/2017	< 0.09	< 0.37	< 0.0781	3.5	< 0.64	< 0.38	< 0.38
OB-14A	8/24/2017	< 0.09	< 0.37	< 0.0781	3.5	< 0.64	< 0.38	< 0.38
OB-14A DUP	8/24/2017	< 0.09	< 0.37	< 0.0781	3	< 0.64	0.9 J	< 0.38
OB-14A	8/21/2018	< 0.43	< 0.32	< 0.016	< 0.77	< 0.77	3.1	< 0.37
OB-14A	11/10/2020	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	4.1 B	< 0.11
OB-14A	3/8/2021	< 0.2	< 0.32	0.045 J	< 0.89	< 0.89	3.9	< 0.84
OB-14A	8/20/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	3.4	< 0.84
OB-14A	11/15/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	1.4	< 0.84
OB-14A	2/11/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	4.4	< 0.84
OB-14A	5/18/2022	< 0.2	< 0.32	< 0.072	6.6	< 0.89	< 0.84	< 0.84
OB-14A	8/3/2022	< 0.2	< 0.32	< 0.072	2.7	< 0.89	1.2	< 0.84
OB-14A DUP	8/3/2022	< 0.2	< 0.32	< 0.072	3.7	< 0.89	1.3	< 0.84
OB-14A	11/16/2022	< 0.2	< 0.32	0.094 J	14.2	1 J	1.6	< 0.84
OB-14A	2/20/2023	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	2.6	< 0.84
OB-14A	8/10/2023	< 0.2	< 0.32	< 0.072	8.4	< 1.2	< 0.42	< 0.42
OB-14A	2/21/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	1.2	< 0.42
OB-14A	8/20/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	0.44 J	< 0.42
OB-14A	2/26/2025	< 0.07	< 0.32	< 0.072	1.5 J	< 1.2	1.8	< 0.42
OB-16	10/12/2004	< 0.5	< 1		7.6	6.3	< 3	< 3
OB-16	9/27/2006	< 0.21	< 0.56		6.2	4.2	< 2.6	< 2.6
OB-16	4/10/2007	< 0.21	< 0.56		4.4	3.3	< 2.8	< 2.8
OB-16	10/10/2007	< 0.19	< 0.67		8.8	3.6	< 0.94	< 0.94
OB-16	5/1/2008	< 0.26	< 0.22		4.6	< 1.7	3.7	1.6 B
OB-16	9/11/2008	< 0.26	< 0.22		7.4	2.6 BJ	< 1.4	< 1.4
OB-16	7/8/2009	< 0.23	< 0.37		5.1	< 2.4	< 1.7	< 1.7
OB-16	10/23/2009				6.1	< 2.4	< 1.7	< 1.7
OB-16	10/29/2009	< 0.23	< 0.37					
OB-16	5/27/2010	< 0.23	< 0.37		7.8	< 1.4	< 1.9	< 1.9
OB-16	5/19/2011	< 0.26	< 0.25		9.1	6	< 3	< 3
OB-16	4/17/2012	< 0.22	< 0.37		6.9 J	< 3	< 1.7	1.8 B
OB-16	11/6/2013	< 0.28	< 0.39		9.9	6.4	< 2.4	< 2.4
OB-16	9/10/2014	< 0.21	< 0.56		4.7	0.8 J	1.3 B	1.8 B
OB-16	8/13/2015	< 0.2	< 0.36	< 0.27	12	2.3	< 0.2	< 0.2
OB-16	5/23/2016	< 0.09	< 0.37	< 0.15				
OB-16	8/16/2016	< 0.09	< 0.37	< 0.0781	7.9	< 0.71	< 0.44	< 0.44
OB-16	2/3/2017	< 0.09	< 0.37	< 0.0735	6.9	0.7 J	< 0.38	< 0.38
OB-16	8/24/2017	< 0.09	< 0.37	< 0.0735	9.3	1.2 J	< 0.38	< 0.38

TABLE 13A
SUMMARY OF HISTORICAL GROUNDWATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Well ID	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJGWQS		1	5^	0.4	3	3	5	5
OB-16	8/21/2018	< 0.43	< 0.32	< 0.016	8.9	2.1	< 0.37	< 0.37
OB-16	11/10/2020	< 0.2	< 0.32	< 0.016	26.4	1.3 J	< 0.11	< 0.11
OB-16	3/8/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.84	< 0.84
OB-16	8/20/2021	< 0.2	< 0.32	< 0.016	10.1	2.3	< 0.84	< 0.84
OB-16	11/15/2021	< 0.2	< 0.32	< 0.016	10.2	< 0.89	< 0.84	< 0.84
OB-16	2/10/2022	< 0.2	< 0.32	0.096 J	90.6	< 0.89	1.6	< 0.84
OB-16	5/18/2022	< 0.2	< 0.32	< 0.072	12.8	< 0.89	< 0.84	< 0.84
OB-16	8/3/2022	< 0.2	< 0.32	< 0.072	17.5	1.1 J	< 0.84	< 0.84
OB-16	11/16/2022	< 0.2	< 0.32	< 0.072	18.4	1.9 J	< 0.84	< 0.84
OB-16	2/20/2023	< 0.2	< 0.32	8.8	11.6	1.1 J	< 0.84	< 0.84
OB-16	8/10/2023	< 0.2	< 0.32	< 0.072	12.4	< 1.2	< 0.42	< 0.42
OB-16	2/21/2024	< 0.2	< 0.32	< 0.072	8.7	< 1.2	< 0.42	< 0.42
OB-16	8/26/2024	< 0.2	< 0.32	< 0.072	11.8	< 1.2	< 0.42	< 0.42
OB-16	2/26/2025	< 0.07	< 0.32	< 0.072	9.9	< 1.2	< 0.42	< 0.42
OB-17	10/11/2004	< 0.5	< 1		< 5	< 5	< 3	< 3
OB-17	9/27/2006	< 0.21	< 0.56		< 1.5	< 1.5	< 2.6	< 2.6
OB-17	4/10/2007	< 0.21	< 0.56		< 1.5	< 1.5	3.5	< 2.8
OB-17	10/10/2007	< 0.19	< 0.67		2.5 B	< 1.1	1.7 B	< 0.94
OB-17	5/1/2008	< 0.26	< 0.22		< 1.7	< 1.7	2.3 B	2.4 B
OB-17	9/11/2008	< 0.26	< 0.22		< 1.7	< 1.7	< 1.4	< 1.4
OB-17	7/8/2009	< 0.23	< 0.37		< 2.4	< 2.4	< 1.7	< 1.7
OB-17	10/23/2009	< 0.23	< 0.37		< 2.4	< 2.4	< 1.7	< 1.7
OB-17	5/27/2010	< 0.23	< 0.37		1.9 B	< 1.4	< 1.9	< 1.9
OB-17	5/19/2011	< 0.26	< 0.25		< 0.92	< 0.92	< 3	< 3
OB-17	4/17/2012	< 0.22	< 0.37		< 0.97	< 0.97	< 1.7	< 1.7
OB-17	11/6/2013	< 0.28	< 0.39		1.9 B	< 1.5	< 2.4	< 2.4
OB-17	9/3/2014	< 0.21	< 0.56		3.5	< 2.6	< 1.3	< 1.3
OB-17	8/13/2015	< 0.2	< 0.36	17	5 B	0.58 J	0.36 J	< 0.2
OB-17	5/24/2016	< 0.09	< 0.37	2.9				
OB-17	8/16/2016	< 0.09	< 0.37	17.5	< 0.71	< 0.71	< 0.44	< 0.44
OB-17	2/2/2017	< 0.09	< 0.37	16	< 0.64	< 0.64	< 0.38	< 0.38
OB-17	8/24/2017	< 0.09	< 0.37	20.7	< 0.64	< 0.64	< 0.38	< 0.38
OB-17	8/21/2018	< 0.43	< 0.32	11	< 0.77	< 0.77	< 0.37	< 0.37
OB-17	11/10/2020	< 0.2	< 0.32	7.1	< 0.89	< 0.89	0.22 UB	< 0.11
OB-17	3/8/2021	< 0.2	< 0.32	8.2	< 0.89	< 0.89	< 0.84	< 0.84
OB-17	8/20/2021	< 0.2	< 0.32	8.3	< 0.89	< 0.89	< 0.84	< 0.84
OB-17	11/15/2021	< 0.2	< 0.32	9	< 0.89	< 0.89	< 0.84	< 0.84
OB-17	2/10/2022	< 0.2	< 0.32	14	3.4	< 0.89	< 0.84	< 0.84
OB-17 DUP	2/10/2022	< 0.2	< 0.32	17	3.2	< 0.89	0.89 J	< 0.84
OB-17	5/18/2022	< 0.2	< 0.32	13	1.9 J	< 0.89	< 0.84	< 0.84
OB-17	8/4/2022	< 0.2	< 0.32	10	< 0.89	< 0.89	< 0.84	< 0.84
OB-17	11/16/2022	< 0.2	< 0.32	6.5	< 0.89	< 0.89	< 0.84	< 0.84
OB-17	2/20/2023	< 0.2	< 0.32	8.5	1.9 J	< 0.89	< 0.84	< 0.84
OB-17	8/10/2023	< 0.2	< 0.32	7.2	< 1.2	< 1.2	< 0.42	< 0.42
OB-17	2/21/2024	< 0.2	< 0.32	9	< 1.2	< 1.2	< 0.42	< 0.42
OB-17	8/26/2024	< 0.2	< 0.32	9.7	1.5 J	< 1.2	< 0.42	< 0.42

TABLE 13A
SUMMARY OF HISTORICAL GROUNDWATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Well ID	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJGWQS		1	5^	0.4	3	3	5	5
OB-17	2/26/2025	< 0.07	< 0.32	7.1	1.2 J	< 1.2	< 0.42	< 0.42
OB-19	10/3/2006	0.55 J	3.1		3.1	< 1.5	9.4	< 2.6
OB-19	4/9/2007	0.59 J	1.5		< 1.5	< 1.5	< 2.8	< 2.8
OB-19	10/15/2007	< 0.19	< 0.67		1.9 B	< 1.1	1.3 B	1.1 B
OB-19	4/29/2008	0.56 J	1.5		< 1.7	< 1.7	1.4 B	< 1.4
OB-19	9/12/2008	0.37 J	4.3		4 J	< 1.7	< 1.4	< 1.4
OB-19	7/7/2009	1.2	6.2		< 2.4	< 2.4	< 1.7	< 1.7
OB-19	10/27/2009	0.39 J	1.4 J		< 2.4	< 2.4	< 1.7	< 1.7
OB-19	6/1/2010	0.29 J	< 0.37		< 1.4	< 1.4	< 1.9	< 1.9
OB-19	5/20/2011	0.9 J	2.8		< 0.92	< 0.92	3.5	1 B
OB-19	4/25/2012	0.32 J	2.3		< 0.97	< 0.97	< 1.7	< 1.7
OB-19	11/11/2013	< 0.28	< 0.39		< 1.5	< 1.5	< 2.4	< 2.4
OB-19	9/4/2014	< 0.21	< 0.56		6	< 2.6	< 1.3	< 1.3
OB-19	8/5/2015	< 0.2	0.39 J	< 0.27	1.6 J B	0.87 J B	0.44 J	< 0.2
OB-19	12/15/2015	1.4	8.7	1.89				
OB-19	5/25/2016	1.3	6.8	1.3				
OB-19	8/17/2016	0.23 J	1.5	0.878	0.9 J	< 0.71	0.47 J	< 0.44
OB-19	2/3/2017	0.89 J	4	3.14	< 0.64	< 0.64	0.4 J	< 0.38
OB-19	8/25/2017	< 0.09	< 0.37	0.184	1.6 J	< 0.64	1.3	< 0.38
OB-19	8/22/2018	< 0.43	1.2	0.97	0.82 J	< 0.77	1.8	< 0.37
OB-19	11/10/2020	0.69 J	4.5	2.8	< 0.89	< 0.89	0.51 J	< 0.11
OB-19	3/9/2021	0.84 J	4.8	2	< 0.89	< 0.89	< 0.84	< 0.84
OB-19	8/19/2021	< 0.2	1.2	0.51	1.3 J	< 0.89	1.8	< 0.84
OB-19	11/16/2021	0.74 J	3.3	2.9	< 0.89	< 0.89	< 0.84	< 0.84
OB-19	2/10/2022	1.1	7.2	4.1	< 0.89	< 0.89	< 0.84	< 0.84
OB-19	5/16/2022	0.83 J	2.6	1.7	1.5 J	< 0.89	1.9	< 0.84
OB-19	8/3/2022	< 0.2	1.7	0.59	2.6	< 0.89	1 J	< 0.84
OB-19	11/16/2022	1	5.9	2.8	< 0.89	< 0.89	1.3	< 0.84
OB-19	2/20/2023	1.2	7.2	2.5	< 0.89	< 0.89	1.1 J	< 0.84
OB-19	8/10/2023	< 0.2	2	0.67	3.2	< 1.2	< 0.42	< 0.42
OB-19	2/22/2024	0.25 J	0.74 J	0.51	1.4 J	< 1.2	0.44 UB	< 0.42
OB-19 DUP	2/22/2024	0.28 J	1.2	0.53	1.3 J	< 1.2	< 0.42	< 0.42
OB-19	8/26/2024	< 0.2	0.74 J	0.45	2	< 1.2	< 0.42	< 0.42
OB-19	2/26/2025	0.96	5.1	2.3	< 1.2	< 1.2	0.81 J	< 0.42
OB-19 DUP	2/26/2025	1	5.1	2.2	< 1.2	< 1.2	0.7 J	< 0.42
OB-20B	10/4/2006	2	4.5		1.9 B	1.6 B	3.5	< 2.6
OB-20B	4/5/2007	1.4	1.8		1.5 B	< 1.5	< 2.8	2.9 B
OB-20B	10/11/2007	1.5	2.8		1.2 B	< 1.1	1.1 B	1 B
OB-20B	4/29/2008	1.4	2.1		< 1.7	< 1.7	3.8	2.4 B
OB-20B	9/15/2008	0.9 J	1.9		3.8	< 1.7	< 1.4	< 1.4
OB-20B	7/9/2009	0.83 J	1.6		< 3	< 2.4	< 1.7	< 1.7
OB-20B	10/28/2009	0.77 J	1.2		< 2.4	< 2.4	< 1.7	< 1.7
OB-20B	6/2/2010	1.1	1.3		< 1.4	< 1.4	< 1.9	< 1.9
OB-20B	5/18/2011	0.86 J	1.5		< 0.92	< 0.92	2.5 B	2.2 B
OB-20B	4/27/2012	0.66 J	1.6 J		< 0.97	< 0.97	2.8 J	< 1.7
OB-20B	11/8/2013	0.52 J	1.5		< 1.5	< 1.5	< 2.4	< 2.4

TABLE 13A
SUMMARY OF HISTORICAL GROUNDWATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Well ID	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJGWQS		1	5^	0.4	3	3	5	5
OB-20B	9/5/2014	0.37 J	1.1		2.7 B	2.9 B	< 1.3	< 1.3
OB-20B	10/9/2014	0.4 J	1.6		3.9	3.1	< 1.3	< 1.3
OB-20B	3/19/2015	0.46 J	3.6					
OB-20B	4/21/2015	0.36 J	2.4					
OB-20B	6/1/2015	0.27 J	1.7					
OB-20B	8/5/2015	0.27 J	1.8	0.95 J	1.5 J	1.1 J B	0.28 J	< 0.2
OB-20B	12/14/2015	0.5 J	4.4	1.25				
OB-20B	5/26/2016	0.28 J	2.6	1				
OB-20B	8/18/2016	0.15 J	3.9	1.26	1.6 J	< 0.71	< 0.44	< 0.44
OB-20B	2/3/2017	0.35 J	< 0.37	3.08	1.5 J	< 0.64	0.74 J	< 0.38
OB-20B	8/29/2017	0.13 J	1.6	1.05	1.3 J	< 0.64	0.45 J	< 0.38
OB-20B DUP	8/29/2017	0.13 J	< 0.37	1.05	1.5 J	< 0.64	0.47 J	< 0.38
OB-20B	8/23/2018			0.59 B	1.1 J	< 0.77	0.43 UB	< 0.37
OB-20B	9/5/2018	< 0.43	1.1					
OB-20B	11/11/2020	< 0.2	1.1	0.26	< 0.89	< 0.89	0.7 UB	< 0.11
OB-20B	3/9/2021	< 0.2	1.9	0.59	1.9 J	< 0.89	< 0.84	< 0.84
OB-20B	8/18/2021	< 0.2	1.1	0.24	1.1 J	< 0.89	< 0.84	< 0.84
OB-20B	11/15/2021	< 0.2	1.6	0.58	1.3 J	< 0.89	< 0.84	< 0.84
OB-20B	2/9/2022	< 0.2	1.4	0.7	1.3 J	< 0.89	< 0.84	< 0.84
OB-20B	5/16/2022	< 0.2	< 0.32	0.52	< 0.89	< 0.89	< 0.84	< 0.84
OB-20B	8/3/2022	< 0.2	< 0.32	< 0.072	1.7 J	< 0.89	2.1	< 0.84
OB-20B	11/15/2022	< 0.2	0.75 J	0.31	1.7 J	< 0.89	1.4	< 0.84
OB-20B	2/20/2023	< 0.2	0.77 J	0.37	1.7 J	< 0.89	3.7	< 0.84
OB-20B	8/9/2023	< 0.2	0.61 J	< 0.072	1.7 J	< 1.2	1.2	< 0.42
OB-20B	2/22/2024	< 0.2	< 0.32	< 0.072	1.2 J	< 1.2	0.93 UB	< 0.42
OB-20B	8/26/2024	< 0.2	0.43 J	3.5	1.5 J	< 1.2	0.46 J	< 0.42
OB-20B	2/27/2025	< 0.07	0.44 J	< 0.072	2.1	< 1.2	0.58 J	< 0.42
OB-24	11/28/2006	< 0.21	< 0.56		< 1.5	< 1.5	2.8 B	< 2.8
OB-24	4/11/2007	< 0.21	< 0.56		< 1.5	< 1.5	< 2.8	< 2.8
OB-24	10/12/2007	< 0.19	< 0.67		1.9 B	< 1.1	1.2 BJ	1.5 BJ
OB-24	4/30/2008	< 0.26	< 0.22		1.7 B	< 1.7	1.5 B	< 1.4
OB-24	9/11/2008	< 0.26	< 0.22		2.5 BJ	< 1.7	< 1.4	< 1.4
OB-24	7/8/2009	< 0.23	< 0.37		< 2.4	< 2.4	< 1.7	< 1.7
OB-24	10/26/2009	< 0.23	< 0.37		< 2.4	< 2.4	< 1.7	< 1.7
OB-24	5/28/2010	< 0.23	< 0.37		< 1.4	< 1.4	< 1.9	< 1.9
OB-24	5/19/2011	< 0.26	< 0.25		< 0.92	< 0.92	4.2 J	< 3
OB-24	4/18/2012	< 0.22	< 0.37		< 0.97	< 0.97	< 1.7	< 1.7
OB-24	11/6/2013	< 0.28	< 0.39		< 1.5	< 1.5	< 3	< 2.4
OB-24	9/3/2014	0.5	< 0.56		< 2.6	< 2.6	< 1.3	< 1.3
OB-24	8/13/2015	< 0.2	< 0.36	< 0.27	1.8 J	0.64 J	0.24 J	< 0.2
OB-24	5/24/2016	< 0.09	< 0.37	< 0.15				
OB-24	8/16/2016	< 0.09	< 0.37	< 0.075	< 0.71	< 0.71	< 0.44	< 0.44
OB-24	8/17/2017	< 0.09	< 0.37	< 0.0742	< 0.64	< 0.64	< 0.38	< 0.38
OB-24 DUP	8/17/2017	< 0.09	< 0.37	< 0.075	0.94 J	< 0.64	0.87 J	< 0.38
OB-24	8/22/2018	< 0.43	< 0.32	< 0.016	< 0.77	< 0.77	< 0.37	< 0.37
OB-24	11/10/2020	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.11	< 0.11

TABLE 13A
SUMMARY OF HISTORICAL GROUNDWATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Well ID	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJGWQS		1	5^	0.4	3	3	5	5
OB-24	3/8/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.84	< 0.84
OB-24	8/20/2021	< 0.2	< 0.32	0.052 J	11.8	< 0.89	37.5	< 0.84
OB-24	11/15/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.84	< 0.84
OB-24 DUP	11/15/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.84	< 0.84
OB-24	11/16/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	0.92 J	< 0.84
OB-24	2/20/2023	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
OB-24	8/9/2023	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
OB-24	2/21/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
OB-24	8/20/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
OB-24	2/26/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	0.47 J	< 0.42
OB-27	6/1/2010	5.9	159		20.5	2.9 B	< 1.9	< 1.9
OB-27	5/18/2011	6.5	176					
OB-27	4/25/2012	5.5	208		21.5	18	< 1.7	< 1.7
OB-27	11/11/2013	3.5	80.8		25.5	5.6	< 2.4	< 2.4
OB-27	9/10/2014	2.6	89.4		28	4.5	1.4 B	< 1.3
OB-27	3/20/2015	2.8	76.7					
OB-27	4/21/2015	3.1	87.2					
OB-27	6/1/2015	3	79					
OB-27	8/6/2015	3	83	6.2 J	26 B	0.92 J B	< 0.2	< 0.2
OB-27	12/15/2015	1.9	48 F	1.28				
OB-27	5/25/2016	2.1	55	1.2				
OB-27	8/17/2016	2.3	61	6.47	22.5	< 0.71	1.1 J	< 0.44
OB-27	2/2/2017	2	50	5.81	36.1	< 0.64	1.1 J	< 0.38
OB-27	8/22/2017	2.1	79	15.5	23.1	< 0.64	< 0.38	< 0.38
OB-27	8/22/2018	3.3	180	17	25.4	< 0.77	1.1 J	< 0.37
OB-27	11/11/2020	0.95 J	100	3.8	18.9	1.6 J	0.53 UB	< 0.11
OB-27	3/9/2021	0.87 J	120	5.8	40.2	< 0.89	< 0.84	< 0.84
OB-27	8/19/2021	1.4	200	15	28	< 0.89	< 0.84	< 0.84
OB-27	11/16/2021	0.54 J	150	14	31.3	< 0.89	< 0.84	< 0.84
OB-27	2/9/2022	0.23 J	110	12	21	< 0.89	< 0.84	< 0.84
OB-27	5/17/2022	< 0.2	100	7.7	20.3	< 0.89	< 0.84	< 0.84
OB-27 DUP	5/17/2022	< 0.2	100	6.4	24.5	< 0.89	< 0.84	< 0.84
OB-27	8/4/2022	0.38 J	170	9	26.7	< 0.89	0.97 J	< 0.84
OB-27	11/17/2022	< 0.2	64	2.2	38.2	15.6	10.8	< 0.84
OB-27	2/21/2023	< 0.2	53	3.7	30.2	< 0.89	0.99 J	< 0.84
OB-27	8/10/2023	< 0.2	92	5	28.2	< 1.2	< 0.42	< 0.42
OB-27	2/26/2024	< 0.2	64	4.2	25.8	< 1.2	0.6 J	< 0.42
OB-27	8/26/2024	< 0.2	53	5.2	25	< 1.2	0.43 J	< 0.42
OB-27	2/26/2025	< 0.07	52 J	3.4	38.1	< 1.2	0.6 J	< 0.42
OB-29	5/11/2012	< 0.22	< 0.37		< 0.97	< 0.97	< 1.7	< 1.7
OB-29	11/14/2013	< 0.28	< 0.39		< 1.5	< 1.5	< 2.4	< 2.4
OB-29	9/9/2014	< 0.21	< 0.56		< 2.6	< 2.6	< 1.3	1.6 B
OB-29	8/12/2015	< 0.2	< 0.36	< 0.27	1.5 J B	12	0.54 J	< 0.2
OB-29	8/16/2016	< 0.09	< 0.37	0.156	< 0.71	< 0.71	< 0.44	< 0.44
OB-29	8/18/2017	< 0.09	< 0.37	0.17	< 0.64	< 0.64	< 0.38	< 0.38
OB-29	8/22/2018	< 0.43	< 0.32	< 0.016	< 0.77	< 0.77	0.42 J	< 0.37

TABLE 13A
SUMMARY OF HISTORICAL GROUNDWATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Well ID	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJGWQS		1	5^	0.4	3	3	5	5
OB-29	11/11/2020	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	1.1 UB	< 0.11
OB-29	8/18/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.84	< 0.84
OB-29	2/10/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
OB-29	8/4/2022	< 0.2	< 0.32	< 0.072	0.99 J	< 0.89	1.4	< 0.84
OB-29	2/22/2023	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
OB-29	8/9/2023	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
OB-29	2/22/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	0.43 UB	< 0.42
OB-29	8/20/2024	0.42 J	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
OB-29	2/27/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	0.74 J	< 0.42
OB-31	1/28/2016	0.1 J	2.5	0.414				
OB-31	5/25/2016	< 0.09	2.7	0.41				
OB-31	8/17/2016	0.14 J	4.9	1.9	12.8	< 0.71	0.66 J	< 0.44
OB-31	2/6/2017	< 0.09	4.2	2.31	18.1	< 0.64	0.93 J	< 0.38
OB-31	8/25/2017	< 0.09	15	2.1	14.2	< 0.64	< 0.38	< 0.38
OB-31	8/22/2018	< 0.43	6.4	1.1	15	< 0.77	< 0.37	< 0.37
OB-31	11/9/2020	< 0.2	6	0.84	16.5	< 0.89	0.12 J	< 0.11
OB-31 DUP	11/9/2020	< 0.2	6	0.8	17.2	< 0.89	0.19 J	< 0.11
OB-31	3/9/2021	< 0.2	4	1.2	23.8	< 0.89	< 0.84	< 0.84
OB-31 DUP	3/9/2021	< 0.2	3.9	1.2	22.6	< 0.89	< 0.84	< 0.84
OB-31	8/19/2021	< 0.2	8.9	1.9	16.8	8.8	0.92 J	< 0.84
OB-31	11/16/2021	< 0.2	5.4	2.3	21.7	< 0.89	< 0.84	< 0.84
OB-31	2/9/2022	< 0.2	4.9	2.5	19.8	< 0.89	< 0.84	< 0.84
OB-31	5/17/2022	< 0.2	4.2	2	19.2	< 0.89	< 0.84	< 0.84
OB-31	8/3/2022	< 0.2	15	2	18	< 0.89	< 0.84	< 0.84
OB-31	11/15/2022	< 0.2	4.3	1.3	22.9	< 0.89	< 0.84	< 0.84
OB-31 DUP	11/15/2022	< 0.2	4.3	1.1	4.5	3.2	< 0.84	< 0.84
OB-31	2/20/2023	< 0.2	4.1	1.7	26	< 0.89	2	< 0.84
OB-31	8/10/2023	< 0.2	7.3	1.3	19	< 1.2	< 0.42	< 0.42
OB-31	2/22/2024	< 0.2	3.8	0.83	22.2	< 1.2	< 0.42	< 0.42
OB-31	8/26/2024	< 0.2	4.1	1	16.6	< 1.2	< 0.42	< 0.42
OB-31	2/26/2025	< 0.07	2.4	0.68	25	< 1.2	0.61 J	< 0.42
OB-32	1/28/2016	<	<	<				
OB-32	5/25/2016	< 0.09	< 0.37	< 0.15				
OB-32	8/17/2016	< 0.09	< 0.37	0.422	15.2	< 0.71	< 0.44	< 0.44
OB-32	2/2/2017	< 0.09	< 0.37	0.454	3.1	< 0.64	0.67 J	< 0.38
OB-32 DUP	2/2/2017			0.434				
OB-32-020217 DUP	2/2/2017	< 0.09	< 0.37		3.3	< 0.64	0.65 J	< 0.38
OB-32	8/17/2017	< 0.09	< 0.37	0.56	17.7	< 0.64	< 0.38	< 0.38
OB-32	8/22/2018	< 0.43	< 0.32	< 0.016	14.8	< 0.77	< 0.37	< 0.37
OB-32	11/9/2020	< 0.2	< 0.32	0.1 J	17	< 0.89	0.82 UB	< 0.11
OB-32	3/9/2021	< 0.2	< 0.32	< 0.016	5.1	< 0.89	< 0.84	< 0.84
OB-32	8/18/2021	< 0.2	< 0.32	0.1 J	15.8	< 0.89	< 1.7	< 0.84
OB-32	11/15/2021	< 0.2	< 0.32	< 0.016	18.8	< 0.89	< 0.84	< 0.84
OB-32	2/9/2022	< 0.2	< 0.32	0.18 J	14.3	< 0.89	< 0.84	< 0.84
OB-32	5/17/2022	< 0.2	< 0.32	< 0.072	15.9	< 0.89	< 0.84	< 0.84
OB-32	11/16/2022	< 0.2	< 0.32	< 0.072	25.7	3.1	< 0.84	< 0.84

TABLE 13A
SUMMARY OF HISTORICAL GROUNDWATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Well ID	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJGWQS		1	5^	0.4	3	3	5	5
OB-32	2/20/2023	< 0.2	< 0.32	< 0.072	19.5	< 0.89	< 0.84	< 0.84
OB-32	8/10/2023	< 0.2	< 0.32	< 0.072	18.4	< 1.2	< 0.42	< 0.42
OB-32	2/22/2024	< 0.2	< 0.32	< 0.072	15.4	1.3 J	< 0.42	< 0.42
OB-32	8/26/2024	< 0.2	< 0.32	1.3	19.3	< 1.2	0.65 J	< 0.42
OB-32	2/27/2025	< 0.07	< 0.32	< 0.072	20.4	< 1.2	< 0.42	< 0.42
RW-2 (279-289)	6/29/2010	< 0.23	< 0.37		3	3.7	< 1.9	< 1.9
RW-2 (279-289)	5/24/2011	< 0.22	< 0.37		< 0.92	< 0.92	< 0.94	< 0.94
RW-2 (279-289)	5/8/2012	< 0.22	< 0.37		< 0.97	1.3 J	< 1.7	< 1.7
RW-2 (279-289)	11/19/2013	< 0.28	< 0.39		3.8	< 1.5	< 2.4	< 2.4
RW-2 (279-289)	9/26/2014	< 0.21	< 0.56		5.2	4.1	< 1.3	< 1.3
RW-2 (279-289)	8/21/2015	0.22 J	< 0.36	10	1.9 J	2.1	< 0.2	< 0.2
RW-2 (279-289)	8/22/2016	0.34 J	< 0.37	11.9	1.7 J	1.9 J	< 0.44	< 0.44
RW-2 (279-289)	2/7/2017	0.27 J	< 0.37	10.6	1.5 J	< 0.64	< 0.38	< 0.38
RW-2 (279-289)	8/23/2017	0.3 J	< 0.37	13.6	1.4 J	1.3 J	< 0.38	< 0.38
RW-2 (279-289)	8/28/2018	< 0.43	< 0.32	8.1	7.1	1.2 J	< 0.37	< 0.37
RW-2 (279-289)	11/12/2020	< 0.2	< 0.32	4.3	10.7	4.2	1 UB	< 0.11
RW-2 (279-289)	8/20/2021	< 0.2	< 0.32	6.1	9.2	8.2	< 0.84	< 0.84
RW-2 (279-289)	5/18/2022	0.24 J	< 0.32	10	8.4	8.9	< 0.84	< 0.84
RW-2 (279-289)	8/4/2022	0.23 J	< 0.32	7.3	7.4	5.4	< 0.84	< 0.84
RW-2 (279-289)	2/22/2023	0.33 J	< 0.32	5.8	8.8	6.5	< 0.84	< 0.84
RW-2 (279-289)	8/9/2023	< 0.2	< 0.32	5.6	8.7	6.6 J	< 0.42	< 0.42
RW-2 (279-289)	2/21/2024	0.25 J	< 0.32	6.1	3.9	7.5	0.58 J	< 0.42
RW-2 (279-289)	8/27/2024	< 0.2	< 0.32	6.9	3.5	3.5	< 0.42	< 0.42
RW-2 (279-289)	2/27/2025	< 0.07	< 0.32	4.9	2.1	3.1	0.44 J	< 0.42
RW-2 (452-462)	6/29/2010	< 0.23	< 0.37					
RW-2 (452-462)	6/3/2011	0.24 J	< 0.37		< 3	2.2 J	< 3	< 3
RW-2 (452-462)	5/10/2012	0.23 J	< 0.37		2.5 B	< 3	< 1.7	< 1.7
RW-2 (452-462)	11/19/2013	< 0.28	< 0.39		< 1.5	3.4	< 2.4	< 2.4
RW-2 (452-462)	9/26/2014	< 0.21	< 0.56		8.3	7.2	5.8	1.8 B
RW-2 (452-462)	8/25/2015	0.24 J	< 0.36	4.7 J	5.4	5.6 J	0.2 J	< 1
RW-2 (452-462)	8/22/2016	0.2 J	< 0.37	0.901	4.3	4.8	< 0.44	< 0.44
RW-2 (452-462)	2/8/2017	0.2 J	< 0.37	1.18	4.7	4.8	< 0.38	< 0.38
RW-2 (452-462)	8/23/2017	< 0.09	< 0.37	1.23	4.9	4.2	< 0.38	< 0.38
RW-2 (452-462)	8/28/2018	< 0.43	< 0.32	0.82	4.4	5.1	< 0.37	< 0.37
RW-2 (452-462)	11/12/2020	< 0.2	< 0.32	0.53	5.5	4.8	1 UB	< 0.11
RW-2 (452-462)	8/20/2021	< 0.2	< 0.32	0.69	5.4	5.5	< 0.84	< 0.84
RW-2 (452-462)	5/18/2022	< 0.2	< 0.32	1.1	5.1	5.5	< 0.84	< 0.84
RW-2 (452-462)	8/4/2022	< 0.2	< 0.32	0.74	5.9	5.5	< 0.84	< 0.84
RW-2 (452-462)	2/22/2023	< 0.2	< 0.32	0.62	5.8	5.8	< 0.84	< 0.84
RW-2 (452-462)	8/9/2023	< 0.2	< 0.32	0.7	5.7	4.8 J	< 0.42	< 0.42
RW-2 (452-462)	2/21/2024	< 0.2	< 0.32	0.75	6.2	5	< 0.42	< 0.42
RW-2 (452-462)	8/27/2024	< 0.2	< 0.32	< 0.072	5.8	5.5	< 0.42	< 0.42
RW-2 (452-462)	2/27/2025	< 0.07	< 0.32	0.62	5.5	5.8	< 0.42	< 0.42
RW-3 (77-87)	6/28/2010	< 0.23	< 0.37		< 1.4	< 1.4	< 1.9	< 1.9
RW-3 (77-87)	4/27/2012	< 0.22	< 0.37		< 0.97	< 0.97	< 1.7	< 1.7
RW-3 (77-87)	11/11/2013	< 0.28	< 0.39		< 1.5	< 1.5	< 2.4	< 2.4

TABLE 13A
SUMMARY OF HISTORICAL GROUNDWATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Well ID	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJGWQS		1	5^	0.4	3	3	5	5
RW-3 (77-87)	9/15/2014	< 0.21	< 0.56		< 2.6	< 2.6	< 1.3	< 1.3
RW-3 (77-87)	8/6/2015	< 0.2	< 0.36	22	0.88 J B	< 0.5	0.26 J	< 0.2
RW-3 (77-87)	12/18/2015	< 0.09	< 0.37	8.27				
RW-3 (77-87)	5/27/2016	< 0.09	< 0.37	8.6 D				
RW-3 (77-87)	8/24/2016	< 0.09	< 0.37	29.1	< 0.64	< 0.64	< 0.38	< 0.38
RW-3 (77-87) DUP	8/24/2016	< 0.09	< 0.37	29	< 0.64	< 0.64	< 0.38	< 0.38
RW-3 (77-87)	8/17/2017	< 0.09	< 0.37	29.4	< 0.64	< 0.64	0.38 J	< 0.38
RW-3 (77-87)	8/30/2018	< 0.43	< 0.32	14	< 0.77	< 0.77	< 0.37	< 0.37
RW-3 (77-87)	11/10/2020	< 0.2	< 0.32	18	< 0.89	< 0.89	0.38 UB	< 0.11
RW-3 (77-87)	3/10/2021	< 0.2	< 0.32	16	< 0.89	< 0.89	< 0.84	< 0.84
RW-3 (77-87)	8/19/2021	< 0.2	< 0.32	11	< 0.89	< 0.89	< 0.84	< 0.84
RW-3 (77-87)	11/16/2021	< 0.2	< 0.32	11	< 0.89	< 0.89	< 0.84	< 0.84
RW-3 (77-87)	2/10/2022	< 0.2	< 0.32	17	< 0.89	< 0.89	< 0.84	< 0.84
RW-3 (77-87)	5/17/2022	< 0.2	< 0.32	15	< 0.89	< 0.89	1.4	< 0.84
RW-3 (77-87)	8/3/2022	< 0.2	< 0.32	11	< 0.89	< 0.89	< 0.84	< 0.84
RW-3 (77-87)	11/15/2022	< 0.2	< 0.32	13	< 0.89	< 0.89	< 0.84	< 0.84
RW-3 (77-87)	2/17/2023	< 0.2	< 0.32	9.3	< 0.89	< 0.89	< 0.84	< 0.84
RW-3 (77-87)	8/14/2023	< 0.2	< 0.32	11	< 1.2	< 1.2	< 0.42	< 0.42
RW-3 (77-87)	2/22/2024	< 0.2	< 0.32	6.3	< 1.2	< 1.2	0.83 J	< 0.42
RW-3 (77-87)	8/21/2024	< 0.2	< 0.32	9.9	< 1.2	< 1.2	0.55 J	< 0.42
RW-3 (77-87)	2/26/2025	< 0.07	< 0.32	12	< 1.2	< 1.2	1.3	< 0.42
RW-3DS (155-160)	4/30/2012	< 0.22	< 0.37		7.4	3.3	< 1.7	< 1.7
RW-3DS (155-160)	11/12/2013	< 0.28	< 0.39		< 5.9	8.1 J	3.5	< 3
RW-3DS (155-160)	9/11/2014	< 0.21	< 0.56		9.6	11.8	< 1.3	< 1.3
RW-3DS (155-160)	8/25/2015	< 0.2	< 0.36	38	12	14	< 0.2	< 1
RW-3DS (155-160)	12/17/2015	0.12 J	< 0.37	5.25				
RW-3DS (155-160)	5/27/2016	0.093 J	< 0.37	3.3 D				
RW-3DS (155-160)	8/23/2016	0.13 J	< 0.37	25.1	14.7	13.5	< 0.38	< 0.38
RW-3DS (155-160)	2/8/2017	< 0.09	< 0.37	24.8	13.9	12.9	< 0.38	< 0.38
RW-3DS (155-160)	8/17/2017	0.1 J	< 0.37	23.8	16.1	15.8	< 0.38	< 0.38
RW-3DS (155-160)	8/30/2018	< 0.43	< 0.32	12	12.4	15.7	< 0.37	< 0.37
RW-3DS (155-160)	11/10/2020	< 0.2	< 0.32	14	15	14.9	1.4 B	0.2 UB
RW-3DS (155-160)	3/10/2021	< 0.2	< 0.32	15	18.2	17	< 0.84	< 0.84
RW-3DS (155-160)	8/18/2021	< 0.2	< 0.32	12	17.3	17.3	< 0.84	< 0.84
RW-3DS (155-160)	11/16/2021	< 0.2	< 0.32	14	22.4	16.6	8	< 0.84
RW-3DS (155-160)	2/11/2022	< 0.2	< 0.32	24	18.5	16	1.8	< 0.84
RW-3DS (155-160)	5/17/2022	< 0.2	< 0.32	15	17.8	17.7	< 0.84	< 0.84
RW-3DS (155-160)	8/3/2022	< 0.2	< 0.32	12	17	12.5	3	< 0.84
RW-3DS (155-160)	11/15/2022	< 0.2	< 0.32	11	19.6	14.9	0.87 J	< 0.84
RW-3DS (155-160)	2/20/2023	< 0.2	< 0.32	8.6	15.8	14.9	2.9	< 0.84
RW-3DS (155-160)	8/10/2023	< 0.2	< 0.32	8.6	14.6	14.6 J	5.6	< 0.42
RW-3DS (155-160)	2/22/2024	< 0.2	< 0.32	7.4	14.8	13.9	0.64 J	< 0.42
RW-3DS (155-160)	8/21/2024	< 0.2	< 0.32	11	12.9	14.2	< 0.42	< 0.42
RW-3DS (155-160)	2/26/2025	< 0.07	< 0.32	13	16.8	13	< 0.42	< 0.42
RW-3DD (175-180)	4/30/2012	< 0.22	< 0.37		10.4	5.4	< 1.7	< 1.7
RW-3DD (175-180)	11/12/2013	< 0.28	< 0.39		21.4	23.1	< 2.4	< 2.4

TABLE 13A
SUMMARY OF HISTORICAL GROUNDWATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Well ID	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJGWQS		1	5^	0.4	3	3	5	5
RW-3DD (175-180)	9/12/2014	1.1	< 0.56		19.2	18.7 J	< 1.3	< 4.5
RW-3DD (175-180)	8/10/2015	0.44 J	< 0.36	20	20	19	< 0.2	< 0.2
RW-3DD (175-180)	12/17/2015	0.25 J	< 0.37	8.95				
RW-3DD (175-180)	5/31/2016	0.25 J	< 0.37	4.9				
RW-3DD (175-180)	8/23/2016	0.26 J	< 0.37	29.2 J	16.8	16.6	< 0.38	< 0.38
RW-3DD (175-180)	2/8/2017	0.35 J	< 0.37	27.7	16.6	17.5	0.99 J	< 0.38
RW-3DD (175-180)	8/17/2017	0.39 J	< 0.37	26.1	20.9	18.1	< 0.38	< 0.38
RW-3DD (175-180)	8/30/2018	< 0.43	< 0.32	12	18.8	17.1	< 0.37	< 0.37
RW-3DD (175-180)	11/10/2020	< 0.2	< 0.32	15	17.3	17.6	0.27 UB	< 0.11
RW-3DD (175-180)	3/10/2021	< 0.2	< 0.32	13	14.7	13.9	< 0.84	< 0.84
RW-3DD (175-180)	8/18/2021	< 0.2	< 0.32	12	13	14.1	< 0.84	< 0.84
RW-3DD (175-180)	11/16/2021	< 0.2	< 0.32	16	13.6	10.9	1.4	< 0.84
RW-3DD (175-180)	2/10/2022	< 0.2	< 0.32	15	12.3	11.8	< 0.84	< 0.84
RW-3DD (175-180)	5/17/2022	< 0.2	< 0.32	14	10.3	12	2	< 0.84
RW-3DD (175-180)	8/3/2022	< 0.2	< 0.32	12	9.6	11.1	< 0.84	< 0.84
RW-3DD (175-180)	11/15/2022	< 0.2	< 0.32	12	9.9	9.3	< 0.84	< 0.84
RW-3DD (175-180)	2/20/2023	< 0.2	< 0.32	< 0.072	8.5	5.7	< 0.84	< 0.84
RW-3DD (175-180)	8/10/2023	< 0.2	< 0.32	7.8	6.9	7.1 J	< 0.42	< 0.42
RW-3DD (175-180)	2/22/2024	< 0.2	< 0.32	7.4	7.4	7.7	1 J	< 0.42
RW-3DD (175-180)	8/21/2024	< 0.2	< 0.32	11	7	7.7	< 0.42	< 0.42
RW-3DD (175-180)	2/26/2025	< 0.07	< 0.32	11	5.8	6.3	1.2	< 0.42
RW-5 (99-119)	5/16/2006	3.4	13.9		17.7		39.8	
RW-5 (99-119)	5/17/2006	3	17.7		< 3.1	< 3.1	3.3	< 2.6
RW-5 (99-119)	9/27/2006	1	6.5		1.7 B	< 1.5	68.4	< 2.6
RW-5 (99-119)	9/29/2006	< 0.21	< 0.56		< 1.5	< 1.5	24.7	< 7.8
RW-5 (99-119)	10/5/2006	1.8	18.7		4.7	< 1.5	32.7	< 2.6
RW-5 (99-119)	4/12/2007	2.6	22.2		< 1.5	< 1.5	7	4.6
RW-5 (99-119)	4/13/2007	1.9	14.9		< 1.5	< 0.94	44.3	< 2.8
RW-5 (99-119)	10/15/2007	1.8	24		< 1.1	< 1.1	1.5 B	1 B
RW-5 (99-119)	5/2/2008	0.89 J	17.8		4.1	< 1.7	< 1.4	< 1.4
RW-5 (99-119)	9/17/2008	0.41 J	17.6		2.4 B	1.8 B	< 1.4	< 1.4
RW-5 (99-119)	7/7/2009	0.26 J	18.6		< 2.4	< 2.4	< 1.7	< 1.7
RW-5 (99-119)	10/27/2009	< 0.23	7.4		< 2.4	< 2.4	< 1.7	< 1.7
RW-5 (99-119)	6/2/2010				2.1 B	< 1.4	< 1.9	< 1.9
RW-5 (99-119)	6/4/2010	0.24 J	9.1					
RW-5 (99-119)	5/20/2011	< 0.26	7.2		1.1 B	< 0.92	< 0.94	1.3 B
RW-5 (99-119)	4/26/2012	< 0.22	5.1 J		< 3	< 3	1.9 J	< 1.7
RW-5 (99-119)	11/14/2013	< 0.28	1.9 J		< 1.5	< 1.5	< 2.4	< 2.4
RW-5 (99-119)	9/4/2014	< 0.21	1.7		9.4	7.9	4.7	1.4 B
RW-5 (99-119)	8/5/2015	< 0.2	1.4	6.7 J	8.9 B	7.2 B	6.6	2.4
RW-5 (99-119)	12/15/2015	0.13 J	1.9	3.28				
RW-5 (99-119)	5/25/2016	< 0.09	< 0.37	3.6				
RW-5 (99-119)	8/18/2016	< 0.09	2.6	10.8	8	7.9	1.5	< 0.44
RW-5 (99-119)	2/3/2017	< 0.09	1.2	10.6	7	7.5	2.4	< 0.38
RW-5 (99-119)	8/30/2017	< 0.09	1	10.2	14.1	12.8	4.1	< 0.38
RW-5 (99-119)	8/24/2018	< 0.43	1.2	6.8	14.3	16.9	3.1	< 0.37

TABLE 13A
SUMMARY OF HISTORICAL GROUNDWATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Well ID	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJGWQS		1	5^	0.4	3	3	5	5
RW-5 (99-119)	11/11/2020	< 0.2	1	4.4	15	15.8	1 UB	< 0.11
RW-5 (99-119)	3/9/2021	< 0.2	0.84 J	3.7	16.1	15.5	< 0.84	< 0.84
RW-5 (99-119)	8/19/2021	< 0.2	0.74 J	5.2	13	13	< 0.84	< 0.84
RW-5 (99-119)	11/16/2021	< 0.2	< 0.32	7.1	13.1	13.7	< 0.84	< 0.84
RW-5 (99-119)	2/10/2022	< 0.2	< 0.32	7.8	14	12	< 0.84	< 0.84
RW-5 (99-119)	5/16/2022	< 0.2	< 0.32	4.8	6.3	6.7	< 0.84	< 0.84
RW-5 (99-119)	8/3/2022	< 0.2	0.62 J	5.6	11.8	11.5	1.9	< 0.84
RW-5 (99-119)	11/16/2022	< 0.2	< 0.32	5.4	14.5	12.7	1.2	< 0.84
RW-5 (99-119)	2/20/2023	< 0.2	0.51 J	4.3	9	7.9	1.6	< 0.84
RW-5 (99-119)	8/10/2023	< 0.2	< 0.32	5	10.8	11.1 J	1.1 J	< 0.42
RW-5 (99-119)	2/22/2024	< 0.2	< 0.32	0.57	7.4	6	4.7	< 0.42
RW-5 (99-119)	8/26/2024	< 0.2	0.48 J	3.7	7	6.5	2.9	< 0.42
RW-5 (99-119)	2/26/2025	< 0.07	< 0.32	4.9	7.1	5.9	2.1	0.51 J
RW-6	5/11/2006	2.9	6.5		< 8	< 8	3.2	< 3
RW-6	5/12/2006	3.8	11.3		< 8		16.1	
RW-6	9/27/2006	3	6		< 1.5	< 1.5	< 2.6	< 2.6
RW-6	10/10/2006	4	15		< 1.5	< 1.5	6.9 J	3.1 J
RW-6	4/2/2007	2.6	6.9		1.7 B	< 1.5	4.5	2.9 B
RW-6	4/3/2007	1.9	4.5		< 1.5	< 1.5	32.3 J	< 2.8
RW-6	4/6/2007	2.7	11.2		< 1.5	< 1.5	4.6	< 2.8
RW-6	10/11/2007	2.6	8.5		2.5 B	1.2 B	< 0.94	1.3 B
RW-6	5/2/2008	1.7	7.9		3.8	2.5 B	1.5 B	< 1.4
RW-6	9/15/2008	2.1	7.7		2.4 B	2.1 B	< 1.4	< 1.4
RW-6	7/9/2009	2	6.4		4.1 J	< 2.4	< 1.7	< 1.7
RW-6	10/28/2009	1.5	4.3		< 2.4	< 2.4	< 1.7	< 1.7
RW-6	6/2/2010				2.1 B	< 1.4	< 1.9	< 1.9
RW-6	6/4/2010	1.5	4.2					
RW-6	5/18/2011	1.6	4.5		< 0.92	< 0.92	1.8 J	2.2 B
RW-6	4/27/2012	0.74 J	2.5 J		< 3	< 0.97	2.3 J	2.6 J
RW-6	11/18/2013	2.3	5.9		3.6	3.2	4.9	3.6
RW-6	9/5/2014	2.1	3.5		2.6 B	< 2.6	1.3 B	< 1.3
RW-6	10/9/2014	15.7	1.3		3.6	3.3	< 1.3	< 1.3
RW-6	3/19/2015	344	< 1.1					
RW-6	4/22/2015	2.2	1.7					
RW-6	6/2/2015	1.7	1.4					
RW-6	8/5/2015	1.2	3.3	1.5 J	1.5 J B	1.1 J B	0.25 J	< 0.2
RW-6	12/14/2015	1.5	5.3	1.09				
RW-6	5/26/2016	2.1	2.8	0.37 J				
RW-6	8/18/2016	1.9	10	3.7	1.2 J	< 0.71	< 0.44	< 0.44
RW-6	2/3/2017	2.1	5.4	4.44	1.3 J	< 0.64	0.39 J	< 0.38
RW-6	8/16/2017	1.4	6.1	4.01	0.7 J	< 0.64	0.55 J	< 0.38
RW-6	8/23/2018			2.1	1.1 J	< 0.77	< 0.37	< 0.37
RW-6	9/5/2018	1.3	3.5					
RW-6	11/11/2020	0.45 J	3.7	0.76	2.2	< 0.89	1.1 UB	< 0.11
RW-6	3/9/2021	1.1	4	0.87	1.3 J	< 0.89	< 0.84	< 0.84
RW-6	8/18/2021	< 0.2	4.6	1 F	0.91 J	< 0.89	< 0.84	< 0.84

TABLE 13A
SUMMARY OF HISTORICAL GROUNDWATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Well ID	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJGWQS		1	5^	0.4	3	3	5	5
RW-6	11/15/2021	0.91 J	3.3	1.4	1.7 J	< 0.89	< 0.84	< 0.84
RW-6	2/9/2022	< 0.2	3.8	1.6	< 0.89	< 0.89	< 0.84	< 0.84
RW-6	5/16/2022	0.28 J	2.8	1.6	1.8 J	< 0.89	1.3	< 0.84
RW-6	8/3/2022	0.47 J	3.6	1.1	2.7	< 0.89	1.9	< 0.84
RW-6	11/14/2022	0.56 J	3.6	2	1.1 J	< 0.89	< 0.84	< 0.84
RW-6	2/17/2023	0.33 J	3.4	0.99	1.5 J	< 0.89	0.97 J	< 0.84
RW-6	8/9/2023	0.71 J	2.5	0.73	2.8	< 1.2	2.2	< 0.42
RW-6	2/21/2024	< 0.2	1.4	0.56	1.3 J	< 1.2	0.87 J	< 0.42
RW-6	8/27/2024	0.29 J	1.1	< 0.072	1.5 J	< 1.2	0.51 J	< 0.42
RW-6	2/27/2025	< 0.07	1.4	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
RW-6A	10/16/2007	5.5	2.4		< 1.1	< 1.1	< 0.94	< 0.94
RW-6A	5/2/2008	1.7	1.9		2.9 B	< 1.7	2.8 B	1.8 B
RW-6A	9/15/2008	2.9	2.3		1.9 B	1.7 B	< 1.4	< 1.4
RW-6A	7/9/2009	1.3	1.3		< 3	< 2.4	< 1.7	< 1.7
RW-6A	10/28/2009	2.4	1		< 2.4	< 2.4	< 1.7	< 1.7
RW-6A	6/2/2010	1.9	1.4		< 1.4	< 1.4	< 1.9	< 1.9
RW-6A	5/18/2011	1.5	0.95 J		< 0.92	< 0.92	3.1	2.4 B
RW-6A	4/27/2012	2	1.7 J		< 0.97	< 0.97	1.8 J	< 1.7
RW-6A	11/8/2013	15	1.6		< 1.5	< 1.5	< 2.4	< 2.4
RW-6A	9/5/2014	88.1	1.1		< 2.6	< 2.6	< 1.3	< 1.3
RW-6A	10/9/2014	6.8	1.5		< 5.1	< 5.1	< 1.3	< 1.3
RW-6A	3/19/2015	13.3	2.9					
RW-6A	4/21/2015	8.7	2.3					
RW-6A	6/1/2015	9.1	1.8					
RW-6A	8/4/2015	7.7	2	2.7 J	1.4 J B	1.1 J B	< 0.2	< 0.2
RW-6A	12/14/2015	5.9	4.6	1.28				
RW-6A	5/26/2016	5.7	3	2.4				
RW-6A	8/18/2016	8	5.7	3.1	< 0.71	< 0.71	< 0.44	< 0.44
RW-6A	2/3/2017	8.7	3	3.59	< 0.64	< 0.64	< 0.38	< 0.38
RW-6A	8/29/2017	6.1	1.4	2.72	0.65 J	< 0.64	< 0.38	< 0.38
RW-6A	8/23/2018			3.1	< 0.77	< 0.77	< 0.37	< 0.37
RW-6A	9/5/2018	0.9 J	1.4					
RW-6A	11/11/2020	4.8	1.3	0.85	< 0.89	< 0.89	0.12 UB	< 0.11
RW-6A	3/9/2021	3.5	1.6	1.1	< 0.89	< 0.89	< 0.84	< 0.84
RW-6A	8/18/2021	5.7	1.1	1.2	< 0.89	< 0.89	< 0.84	< 0.84
RW-6A DUP	8/18/2021	4.3	1.3	1	< 0.89	< 0.89	< 0.84	< 0.84
RW-6A	11/15/2021	3.6	2.2	1.4	< 0.89	< 0.89	< 0.84	< 0.84
RW-6A	2/9/2022	3.1	2.4	2.7	< 0.89	< 0.89	< 0.84	< 0.84
RW-6A	5/16/2022	2.1	2	1.7	< 0.89	< 0.89	< 0.84	< 0.84
RW-6A	8/3/2022	0.72 J	1.1	1.3	< 0.89	< 0.89	< 0.84	< 0.84
RW-6A	11/15/2022	0.9 J	0.81 J	0.94	< 0.89	< 0.89	1.1 J	< 0.84
RW-6A	2/20/2023	0.7 J	0.78 J	1.5	< 0.89	< 0.89	1.6	< 0.84
RW-6A	8/9/2023	< 0.2	0.56 J	1.9	< 1.2	< 1.2	< 0.42	< 0.42
RW-6A	2/21/2024	0.38 J	0.39 J	1.8	< 1.2	< 1.2	0.69 J	< 0.42
RW-6A	8/27/2024	1.2	< 0.32	2.1	< 1.2	< 1.2	< 0.42	< 0.42
RW-6A	2/27/2025	1.5	0.87 J	0.82	< 1.2	< 1.2	0.58 J	< 0.42

TABLE 13A
SUMMARY OF HISTORICAL GROUNDWATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Well ID	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJGWQS		1	5^	0.4	3	3	5	5
RW-8 (163-173)	6/23/2010	< 0.23	< 0.37					
RW-8 (163-173)	6/25/2010				2.1 B		< 1.9	
RW-8 (163-173)	5/31/2011	< 0.22	< 0.37		2.1 B	1.1 B	< 0.94	< 0.94
RW-8 (163-173)	5/3/2012	< 0.22	< 0.37		2 J	1.7 J	< 1.7	< 1.7
RW-8 (163-173)	11/15/2013	0.34 J	< 0.39		2.4 B	2 B	< 3	< 2.4
RW-8 (163-173)	9/22/2014	< 0.21	< 0.56		4.2	5.2	< 1.3	< 1.3
RW-8 (163-173)	8/18/2015	0.27 J	< 0.36	< 0.27	3.6 B	2.1	< 0.2	< 0.2
RW-8 (163-173)	8/25/2016	0.35 J	< 0.37	< 0.0781	1.5 J	1.6 J	< 0.38	< 0.38
RW-8 (163-173)	8/21/2017	0.22 J	< 0.37	< 0.0798	< 0.64	2.2	< 0.38	< 0.38
RW-8 (163-173)	8/29/2018	1.4	< 0.32	< 0.016	1.8 J	1.1 J	< 0.37	< 0.37
RW-8 (163-173)	11/11/2020	2.3	< 0.32	< 0.016	1.7 J	2	0.11 UB	< 0.11
RW-8 (163-173)	8/23/2021	< 0.2	< 0.32	< 0.016	1.8 J	1.7 J	< 0.84	< 0.84
RW-8 (163-173)	2/10/2022	< 0.2	< 0.32	< 0.072	1.4 J	1.6 J	< 0.84	< 0.84
RW-8 (163-173)	8/4/2022	< 0.2	< 0.32	< 0.072	1.5 J	1.2 J	< 0.84	< 0.84
RW-8 (163-173)	2/21/2023	1.3	< 0.32	< 0.072	1.7 J	2	< 0.84	< 0.84
RW-8 (163-173)	8/9/2023	0.69 J	< 0.32	< 0.072	1.2 J	1.4 J	< 0.42	< 0.42
RW-8 (163-173)	2/21/2024	0.57 J	< 0.32	< 0.072	1.2 J	< 1.2	< 0.42	< 0.42
RW-8 (163-173)	8/27/2024	1	< 0.32	< 0.072	1.4 J	1.4 J	< 0.42	< 0.42
RW-8 (163-173)	2/28/2025	0.79	< 0.32	< 0.072	1.5 J	< 1.2	< 0.42	< 0.42
RW-8 (204-214)	6/23/2010	< 0.23	< 0.37					
RW-8 (204-214)	6/25/2010				5.9		< 1.9	
RW-8 (204-214)	6/1/2011	< 0.22	< 0.37		5.1		< 0.94	
RW-8 (204-214)	11/14/2013	2.2 J	< 0.39		1.5 B		< 2.4	
RW-8 (204-214)	11/15/2013					< 1.5		< 2.4
RW-8 (204-214)	9/23/2014	0.58	< 0.56		3.6	4.2	2.3 B	< 1.3
RW-8 (204-214)	8/20/2015	0.57 J	< 0.36	< 0.27	2	1.9 J	0.97 J	< 0.2
RW-8 (204-214)	8/25/2016	3.8	< 0.37	0.121 J	1.8 J	1.7 J	< 0.38	< 0.38
RW-8 (204-214)	8/22/2017	1	< 0.37	< 0.0781	2	2	< 0.38	< 0.38
RW-8 (204-214)	8/29/2018	2.8	< 0.32	0.44	1.8 J	1.7 J	2.1	< 0.37
RW-8 (204-214)	11/11/2020	3	< 0.32	< 0.016	1.9 J	2.7	0.24 UB	< 0.11
RW-8 (204-214)	8/23/2021	< 0.2	< 0.32	< 0.016	2.5	1.3 J	< 0.84	< 0.84
RW-8 (204-214)	2/10/2022	1.5	< 0.32	< 0.072	1.8 J	1.1 J	< 0.84	< 0.84
RW-8 (204-214)	8/4/2022	1.3	< 0.32	< 0.072	1.7 J	1.9 J	1 J	< 0.84
RW-8 (204-214)	2/21/2023	1.7	< 0.32	< 0.072	2.5	2	< 0.84	< 0.84
RW-8 (204-214)	8/9/2023	1.1	< 0.32	< 0.072	1.8 J	1.8 J	< 0.42	< 0.42
RW-8 (204-214)	2/21/2024	2	< 0.32	< 0.072	< 1.2	1.3 J	< 0.42	< 0.42
RW-8 (204-214)	8/27/2024	1.2	< 0.32	< 0.072	2.9	1.7 J	< 0.42	< 0.42
RW-8 (204-214)	2/28/2025	0.87	< 0.32	< 0.072	1.7 J	< 1.2	0.76 J	< 0.42
RW-9 (139-149)	11/20/2013	< 0.28	< 0.39					
RW-9 (139-149)	2/21/2023	0.22 J	< 0.32		< 0.89	< 0.89	< 0.84	< 0.84
RW-9 (139-149)	8/10/2023	0.22 J	< 0.32		< 1.2	< 1.2	< 0.42	< 0.42
RW-9 (139-149)	2/21/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	0.57 J	< 0.42
RW-9 (139-149)	8/27/2024	< 0.2	< 0.32	< 0.072	1.2 J	1.3 J	0.5 J	< 0.42
RW-9 (139-149)	2/27/2025	< 0.07	< 0.32	< 0.072	2.2	1.3 J	< 0.42	< 0.42
RW-9 (206-216)	6/23/2010	< 0.23	< 0.37					
RW-9 (206-216)	6/28/2010				4.6 J		< 1.9	

TABLE 13A
SUMMARY OF HISTORICAL GROUNDWATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Well ID	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJGWQS		1	5^	0.4	3	3	5	5
RW-9 (206-216)	5/26/2011	< 0.22	< 0.37					
RW-9 (206-216)	5/27/2011				3.3		< 0.94	
RW-9 (206-216)	4/20/2012	< 0.22	< 0.37		< 3	< 0.97	< 1.7	< 1.7
RW-9 (206-216)	11/20/2013	< 0.28	< 0.39		2.2 B	< 1.5	3	< 2.4
RW-9 (206-216)	9/25/2014	< 0.21	< 0.56		7.3	8.9	< 1.3	< 1.3
RW-9 (206-216)	8/21/2015	< 0.2	< 0.36	< 0.27	3		< 0.2	
RW-9 (206-216)	8/30/2016	0.15 J	< 0.37	< 0.0915	2.8		< 0.38	
RW-9 (206-216)	8/16/2017	< 0.09	< 0.37	< 0.11	3	2	< 0.38	< 0.38
RW-9 (206-216)	8/29/2018	< 0.43	< 0.32	< 0.016	2.5	2.2	< 0.37	< 0.37
RW-9 (206-216)	11/11/2020	< 0.2	< 0.32	< 0.016	3	3.4	2 B	< 0.11
RW-9 (206-216)	8/23/2021	< 0.2	< 0.32	0.04 J	2.9	2.1	< 0.84	< 0.84
RW-9 (206-216)	2/11/2022	< 0.2	< 0.32	< 0.072	2.3	2.9	< 0.84	< 0.84
RW-9 (206-216)	8/4/2022	< 0.2	< 0.32	< 0.072	1.7 J	2.7	< 0.84	< 0.84
RW-9 (206-216)	2/21/2023	< 0.2	< 0.32	< 0.072	2.7	2.2	< 0.84	< 0.84
RW-9 (206-216)	8/10/2023	< 0.2	< 0.32	< 0.072	2.2	< 1.2	< 0.42	< 0.42
RW-9 (206-216)	2/21/2024	< 0.2	< 0.32	< 0.072	1.5 J	1.5 J	< 0.42	< 0.42
RW-9 (206-216)	8/27/2024	< 0.2	< 0.32	< 0.072	2.1	2	< 0.42	< 0.42
RW-9 (206-216)	2/27/2025	< 0.07	< 0.32	< 0.072	1.5 J	< 1.2	0.47 J	< 0.42
RW-10 (120-130)	6/23/2010	< 0.23	< 0.37					
RW-10 (120-130)	6/25/2010				4.3		< 1.9	
RW-10 (120-130)	5/31/2011	< 0.22	< 0.37		4.8		2.5 B	
RW-10 (120-130)	6/1/2011					4.1		2.3 B
RW-10 (120-130)	4/19/2012	< 0.22	< 0.37		3.7 J	3.6 J	< 1.7	< 1.7
RW-10 (120-130)	11/15/2013	< 0.28	< 0.39		9.5	8	5 J	5.1 J
RW-10 (120-130)	9/17/2014	< 0.21	< 0.56		8.2	9.1	6.3	< 3
RW-10 (120-130)	9/18/2014				8.6	8.5		
RW-10 (120-130)	8/19/2015	< 0.2	< 0.36	< 0.27	7.5 B	6.7	< 0.2	< 0.2
RW-10 (120-130)	8/29/2016	< 0.09	< 0.37	0.0883 J	6.6	7.2	< 0.38	< 0.38
RW-10 (120-130)	8/23/2017	0.092 J	< 0.37	< 0.0833	7	7.8	0.94 J	< 0.38
RW-10 (120-130)	8/28/2018	< 0.43	< 0.32	< 0.016	8.1	7.5	1.2	< 0.37
RW-10 (120-130)	11/12/2020	< 0.2	< 0.32	< 0.016	8.9	7.6	3.1 B	< 0.11
RW-10 (120-130)	8/23/2021	< 0.2	< 0.32	0.12 J	8.2	8.9	< 0.84	< 0.84
RW-10 (120-130)	2/11/2022	< 0.2	< 0.32	< 0.072	8.9	7.7	< 0.84	< 0.84
RW-10 (120-130)	8/2/2022	< 0.2	< 0.32	< 0.072	8.3	8.6	< 0.84	< 0.84
RW-10 (120-130)	2/21/2023	< 0.2	< 0.32	< 0.072	8.5	8.5	< 0.84	< 0.84
RW-10 (120-130)	8/9/2023	< 0.2	< 0.32	< 0.072	8.2	8 J	< 0.42	< 0.42
RW-10 (120-130)	2/21/2024	< 0.2	< 0.32	< 0.072	7.3	6.9	1.3	< 0.42
RW-10 (120-130)	8/27/2024	< 0.2	< 0.32	< 0.072	7.4	7.5	1.7	< 0.42
RW-10 (120-130)	2/27/2025	< 0.07	< 0.32	< 0.072	6.6	7.6	< 0.42	< 0.42
RW-10 (185-195)	6/9/2010	< 0.23	< 0.37		< 1.4	< 1.4	< 1.9	< 1.9
RW-10 (185-195)	6/23/2010	< 0.23	< 0.37					
RW-10 (185-195)	6/25/2010				2.2 B		< 1.9	
RW-10 (185-195)	6/28/2010					< 1.4		< 1.9
RW-10 (185-195)	5/31/2011	< 0.22	< 0.37		< 0.92	< 0.92	1 B	1.4 B
RW-10 (185-195)	4/18/2012	< 0.22	< 0.37		3.6 J	3.6 J	< 1.7	< 1.7
RW-10 (185-195)	11/13/2013	< 0.28	< 0.39		7.9	6.6	< 4.2	< 3.2

TABLE 13A
SUMMARY OF HISTORICAL GROUNDWATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Well ID	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJGWQS		1	5^	0.4	3	3	5	5
RW-10 (185-195)	9/17/2014	< 0.21	< 0.56		7.9	9.7	3.5	2.5 B
RW-10 (185-195)	8/18/2015	< 0.2	< 0.36	< 0.27	6.7 B	5.2	< 0.2	< 0.2
RW-10 (185-195)	8/26/2016	< 0.09	< 0.37	< 0.0798	4.6	4	< 0.38	< 0.38
RW-10 (185-195) DUP	8/26/2016	< 0.09	< 0.37	< 0.0815	4.3	5.1	< 0.38	< 0.38
RW-10 (185-195)	8/22/2017	< 0.09	< 0.37	< 0.0765	5.7	6.2	< 0.38	< 0.38
RW-10 (185-195)	8/28/2018	< 0.43	< 0.32	< 0.016	3.9	5.3	< 0.37	< 0.37
RW-10 (185-195)	11/12/2020	< 0.2	< 0.32	< 0.016	6.8	7	1.2 B	< 0.11
RW-10 (185-195)	8/23/2021	< 0.2	< 0.32	< 0.016	6.6	5.8	< 0.84	< 0.84
RW-10 (185-195)	2/10/2022	< 0.2	< 0.32	< 0.072	6	5.7	< 0.84	< 0.84
RW-10 (185-195)	8/2/2022	< 0.2	< 0.32	< 0.072	6.4	5.1	< 0.84	< 0.84
RW-10 (185-195)	2/21/2023	< 0.2	< 0.32	< 0.072	7.1	6.4	< 0.84	< 0.84
RW-10 (185-195)	8/9/2023	< 0.2	< 0.32	< 0.072	4.6	4.2 J	< 0.42	< 0.42
RW-10 (185-195)	2/21/2024	< 0.2	< 0.32	< 0.072	5.1	5.3	< 0.42	< 0.42
RW-10 (185-195)	8/27/2024	< 0.2	< 0.32	< 0.072	4.4	4.9	< 0.42	< 0.42
RW-10 (185-195)	2/27/2025	< 0.07	< 0.32	< 0.072	5.6	5.2	< 0.42	< 0.42
RW-11S (236-241)	5/1/2012	< 0.22	< 0.37		< 0.97	< 0.97	< 1.7	< 1.7
RW-11S (236-241)	11/13/2013	< 0.28	< 0.39		< 1.5	< 1.5	< 2.4	< 2.4
RW-11S (236-241)	9/12/2014	< 0.21	< 0.56		< 2.6	< 2.6	< 1.3	< 1.3
RW-11S (236-241)	8/17/2015	< 0.2	< 0.36	1.1 J *	1 J	< 0.5	< 0.2	< 0.2
RW-11S (236-241)	12/17/2015	< 0.09	< 0.37	1.88				
RW-11S (236-241)	5/27/2016	< 0.09	< 0.37	0.6				
RW-11S (236-241)	8/23/2016	< 0.09	< 0.37	1.08	< 0.64	< 0.64	< 0.38	< 0.38
RW-11S (236-241)	2/7/2017	0.12 J	< 0.37	1.34	< 0.64	< 0.64	< 0.38	< 0.38
RW-11S (236-241) DUP	2/7/2017	0.12 J	< 0.37	1.39	< 0.64	< 0.64	< 0.38	< 0.38
RW-11S (236-241)	8/25/2017	< 0.09	< 0.37	1.63	< 0.64	< 0.64	< 0.38	< 0.38
RW-11S (236-241)	8/31/2018	< 0.43	< 0.32	0.9	< 0.77	< 0.77	0.44 UB	< 0.37
RW-11S (236-241)	11/10/2020	< 0.2	< 0.32	1.8	< 0.89	< 0.89	0.14 UB	< 0.11
RW-11S (236-241) DUP	11/10/2020	< 0.2	< 0.32	1.2	< 0.89	< 0.89	< 0.11	< 0.11
RW-11S (236-241)	3/10/2021	< 0.2	< 0.32	1.5	< 0.89	< 0.89	< 0.84	< 0.84
RW-11S (236-241)	8/19/2021	< 0.2	< 0.32	1.5	< 0.89	< 0.89	1.6	< 0.84
RW-11S (236-241)	11/16/2021	< 0.2	< 0.32	3.1	< 0.89	< 0.89	< 0.84	< 0.84
RW-11S (236-241) DUP	11/16/2021	< 0.2	< 0.32	2.3	< 0.89	< 0.89	< 0.84	< 0.84
RW-11S (236-241)	2/9/2022	< 0.2	< 0.32	2.3	< 0.89	< 0.89	< 0.84	< 0.84
RW-11S (236-241)	5/16/2022	< 0.2	< 0.32	2.2	< 0.89	< 0.89	< 0.84	< 0.84
RW-11S (236-241)	8/3/2022	< 0.2	< 0.32	1.3	< 0.89	< 0.89	< 0.84	< 0.84
RW-11S (236-241)	11/14/2022	< 0.2	< 0.32	2	< 0.89	< 0.89	< 0.84	< 0.84
RW-11S (236-241)	2/17/2023	< 0.2	< 0.32	1.5	< 0.89	< 0.89	< 0.84	< 0.84
RW-11S (236-241)	8/14/2023	0.25 J	< 0.32	2	< 1.2	< 1.2	< 0.42	< 0.42
RW-11S (236-241)	2/22/2024	< 0.2	< 0.32	1.6	< 1.2	< 1.2	0.49 J	< 0.42
RW-11S (236-241)	8/21/2024	< 0.2	< 0.32	2.3	< 1.2	< 1.2	< 0.42	< 0.42
RW-11S (236-241)	2/26/2025	0.31 J	< 0.32	2.3	< 1.2	< 1.2	< 0.42	< 0.42
RW-11D (262-267)	5/1/2012	< 0.22	< 0.37					
RW-11D (262-267)	11/14/2013	0.56 J	< 0.39		< 1.5	< 1.5	3.3	< 2.4
RW-11D (262-267)	9/15/2014	2	< 0.56		< 3	< 2.6	< 1.3	< 1.3
RW-11D (262-267)	8/26/2015	1.6	< 0.36	26	2.4	< 2.5	0.69 J	< 1
RW-11D (262-267)	12/17/2015	2.4	< 0.37	17.9				

TABLE 13A
SUMMARY OF HISTORICAL GROUNDWATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Well ID	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJGWQS		1	5^	0.4	3	3	5	5
RW-11D (262-267)	5/27/2016	3	1.6	16 D				
RW-11D (262-267)	8/23/2016	6.4	8.6	73.4	0.88 J	0.92 J	< 0.38	< 0.38
RW-11D (262-267)	2/7/2017	1.5	< 0.37	86.6	0.68 J	0.67 J	< 0.38	< 0.38
RW-11D (262-267)	8/29/2017	6.3	4.6	88.3	0.76 J	0.68 J	< 0.38	< 0.38
RW-11D (262-267)	8/31/2018	11	5.5	41	0.93 J	< 0.77	0.59 UB	< 0.37
RW-11D (262-267)	11/10/2020	5.7	2.2	62	1 J	1.5 J	0.83 UB	< 0.11
RW-11D (262-267)	3/10/2021	8.3	3.7	61	< 0.89	2.2	< 0.84	< 0.84
RW-11D (262-267)	8/19/2021	13	3.2	50	< 0.89	< 0.89	< 0.84	< 0.84
RW-11D (262-267)	11/16/2021	9.4	< 0.32	59	< 0.89	< 0.89	< 0.84	< 0.84
RW-11D (262-267)	2/9/2022	7.5	< 0.32	69	< 0.89	1.5 J	< 0.84	< 0.84
RW-11D (262-267)	5/16/2022	8.3	2.8	57	< 0.89	< 0.89	< 0.84	< 0.84
RW-11D (262-267)	8/3/2022	8.8	2.2	55	< 0.89	< 0.89	< 0.84	< 0.84
RW-11D (262-267)	11/14/2022	9	3	63	1.1 J	< 0.89	< 0.84	< 0.84
RW-11D (262-267)	2/17/2023	13	3.3	50	< 0.89	< 0.89	< 0.84	< 0.84
RW-11D (262-267)	8/14/2023	15	5	72	< 1.2	< 1.2	< 0.42	< 0.42
RW-11D (262-267)	2/22/2024	17	6.7	48	1.2 J	< 1.2	0.65 J	< 0.42
RW-11D (262-267)	8/21/2024	11	4.9	67	< 1.2	< 1.2	< 0.42	< 0.42
RW-11D (262-267)	2/26/2025	11	< 0.32	58	1.2 J	< 1.2	< 0.42	< 0.42
RW-12 (55-65)	9/19/2014	< 0.21	< 0.56		< 2.6	2.6 B	< 3	< 3
RW-12 (55-65)	8/17/2015	< 0.2	< 0.36	< 0.27	13	12	< 0.2	< 0.2
RW-12 (55-65)	8/22/2016	< 0.09	< 0.37	< 0.0815	12	13.9	< 0.44	< 0.44
RW-12 (55-65)	8/18/2017	< 0.09	< 0.37	< 0.0815	16.4	17.4	< 0.38	< 0.38
RW-12 (55-65)	8/29/2018	< 0.43	< 0.32	< 0.016	14.8	16	0.57 J	< 0.37
RW-12 (55-65)	11/11/2020	< 0.2	< 0.32	< 0.016	19.8	26.8	0.5 UB	< 0.11
RW-12 (55-65)	8/18/2021	< 0.2	< 0.32	< 0.016	21.8	24.4	1.3	< 0.84
RW-12 (55-65)	5/18/2022	< 0.2	< 0.32	< 0.072	15.4	17.3	1.6	< 0.84
RW-12 (55-65)	8/4/2022	< 0.2	< 0.32	< 0.072	11.9	10.9	0.87 J	< 0.84
RW-12 (55-65)	2/22/2023	< 0.2	< 0.32	< 0.072	7.2	10.4	< 0.84	< 0.84
RW-12 (55-65)	8/9/2023	< 0.2	< 0.32	< 0.072	10	11.3 J	< 0.42	< 0.42
RW-12 (55-65)	2/22/2024	< 0.2	< 0.32	< 0.072	6.8	8.3	2.3	< 0.42
RW-12 (55-65)	8/22/2024	< 0.2	< 0.32	< 0.072	6.9	8.6	5.8	< 0.42
RW-12 (55-65)	2/27/2025	< 0.07	< 0.32	< 0.072	6.5	8.4	2.3	< 0.42
RW-12 (130-140)	9/19/2014	< 0.21	< 0.56		< 2.6	< 2.6	< 3	< 3
RW-12 (130-140)	8/12/2015	< 0.2	< 0.36	< 0.27	13 B	< 0.5	< 0.2	< 0.2
RW-12 (130-140)	8/25/2016	< 0.09	< 0.37	< 0.0781	13.5	15	0.41 J	< 0.38
RW-12 (130-140)	8/18/2017	< 0.09	< 0.37	< 0.0781	8.2	7	4.5	< 0.38
RW-12 (130-140)	8/29/2018	< 0.43	< 0.32	< 0.016	5.6	5.7	0.93 J	< 0.37
RW-12 (130-140)	11/11/2020	< 0.2	< 0.32	< 0.016	8.3	11.2	2	< 0.11
RW-12 (130-140)	8/18/2021	< 0.2	< 0.32	< 0.016	9.9	11.5	2.1	< 0.84
RW-12 (130-140)	5/18/2022	< 0.2	< 0.32	< 0.072	7	10.7	1.8	< 0.84
RW-12 (130-140)	8/4/2022	< 0.2	< 0.32	< 0.072	5.1	9.3	3.3	< 0.84
RW-12 (130-140)	2/22/2023	< 0.2	< 0.32	< 0.072	10.1	11.2	< 0.84	< 0.84
RW-12 (130-140)	8/9/2023	< 0.2	< 0.32	< 0.072	9.5	11.6 J	1.5	< 0.42
RW-12 (130-140)	2/22/2024	< 0.2	< 0.32	< 0.072	7.9	8.8	4.2	0.98 J
RW-12 (130-140)	8/22/2024	< 0.2	< 0.32	< 0.072	6.1	3.7	6.4	0.77 J
RW-12 (130-140)	2/27/2025	< 0.07	< 0.32	< 0.072	11.2	8.5	4.2	< 0.42

TABLE 13A
SUMMARY OF HISTORICAL GROUNDWATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Well ID	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJGWQS		1	5^	0.4	3	3	5	5
RW-14S (135-155)	8/29/2016	< 0.09	< 0.37	0.251	14	11.3	0.81 J	< 0.38
RW-14S (135-155)	2/8/2017	< 0.09	< 0.37	< 0.0735	6.6	7	< 0.38	< 0.38
RW-14S (135-155)	8/18/2017	< 0.09	< 0.37	0.163	4.8	4.7	< 0.38	< 0.38
RW-14S (135-155)	8/31/2018	< 0.43	< 0.32	< 0.016	1.4 J	2.1	< 0.37	< 0.37
RW-14S (135-155)	11/10/2020	< 0.2	< 0.32	0.13 J	< 0.89	< 0.89	< 0.11	< 0.11
RW-14S (135-155)	3/10/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.84	< 0.84
RW-14S (135-155)	8/19/2021	< 0.2	< 0.32	0.17 J	< 0.89	< 0.89	< 0.84	< 0.84
RW-14S (135-155)	11/15/2021	< 0.2	< 0.32	0.29	< 0.89	< 0.89	< 0.84	< 0.84
RW-14S (135-155)	2/10/2022	< 0.2	< 0.32	0.13 J	< 0.89	< 0.89	< 0.84	< 0.84
RW-14S (135-155)	5/17/2022	< 0.2	< 0.32	0.32	< 0.89	< 0.89	< 0.84	< 0.84
RW-14S (135-155)	8/5/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
RW-14S (135-155)	11/15/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
RW-14S (135-155)	2/20/2023	< 0.2	< 0.32	< 0.072	< 0.89	1.6 J	< 0.84	< 0.84
RW-14S (135-155)	8/10/2023	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
RW-14S (135-155)	2/23/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	0.51 J	< 0.42
RW-14S (135-155)	8/21/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
RW-14S (135-155)	2/26/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
RW-14D (175-185)	8/29/2016	0.31 J	< 0.37	0.973	8.8	1.1 J	< 0.38	< 0.38
RW-14D (175-185)	2/8/2017	0.21 J	< 0.37	0.834	13.8	0.88 J	< 0.38	< 0.38
RW-14D (175-185)	8/16/2017	0.31 J	1.3	0.719	8.9	1.4 J	< 0.38	< 0.38
RW-14D (175-185)	8/31/2018	< 0.43	0.6 J	0.36	5.2	1.3 J	< 0.37	< 0.37
RW-14D (175-185)	11/10/2020	< 0.2	< 0.32	0.33	4.2	2.1	< 0.11	< 0.11
RW-14D (175-185)	3/10/2021	< 0.2	< 0.32	< 0.016	3.5	1.1 J	< 0.84	< 0.84
RW-14D (175-185)	8/19/2021	< 0.2	< 0.32	0.23	2.7	2.5	< 0.84	< 0.84
RW-14D (175-185)	11/15/2021	< 0.2	< 0.32	< 0.016	2.7	< 0.89	< 0.84	< 0.84
RW-14D (175-185)	2/10/2022	< 0.2	< 0.32	< 0.072	2.5	< 0.89	< 0.84	< 0.84
RW-14D (175-185)	5/17/2022	< 0.2	< 0.32	< 0.072	2.7	1.1 J	< 0.84	< 0.84
RW-14D (175-185)	8/5/2022	< 0.2	< 0.32	< 0.072	2.8	1.4 J	< 0.84	< 0.84
RW-14D (175-185)	11/15/2022	< 0.2	< 0.32	0.2	2.7	1.8 J	< 0.84	< 0.84
RW-14D (175-185)	2/20/2023	< 0.2	0.35 J	< 0.072	2.2	1.3 J	< 0.84	< 0.84
RW-14D (175-185)	8/10/2023	< 0.2	< 0.32	< 0.072	2.3	1.9 J	< 0.42	< 0.42
RW-14D (175-185)	2/23/2024	< 0.2	< 0.32	< 0.072	2.3	1.6 J	< 0.42	< 0.42
RW-14D (175-185)	8/21/2024	< 0.2	< 0.32	< 0.072	1.7 J	1.8 J	< 0.42	< 0.42
RW-14D (175-185)	2/26/2025	< 0.07	< 0.32	< 0.072	1.2 J	1.3 J	< 0.42	< 0.42
RW-15S (110-120)	8/24/2016	< 0.09	< 0.37	0.277 B	12.7	7.8	0.58 J	< 0.38
RW-15S (110-120)	2/8/2017	< 0.09	< 0.37	0.252	25.6	12.6	< 0.38	< 0.38
RW-15S (110-120)	8/17/2017	< 0.09	< 0.37	< 0.0773	36.8	27.9	< 0.38	< 0.38
RW-15S (110-120)	8/31/2018	< 0.43	< 0.32	< 0.016	23.5	31	0.51 UB	< 0.37
RW-15S(110-120) DUP	8/31/2018	< 0.43	< 0.32	< 0.016	20.8	28.3	< 0.37	< 0.37
RW-15S (110-120)	11/10/2020	< 0.2	< 0.32	0.087 J	27.8	23.9	0.45 UB	0.17 UB
RW-15S (110-120)	3/10/2021	< 0.2	< 0.32	< 0.016	16.9	18.4	< 0.84	< 0.84
RW-15S(110-120) DUP	3/10/2021	< 0.2	< 0.32	< 0.016	16.2	17.7	< 0.84	< 0.84
RW-15S (110-120)	8/20/2021	< 0.2	< 0.32	0.17 J	10.2	13.1	< 0.84	< 0.84
RW-15S (110-120) DUP	8/20/2021	< 0.2	< 0.32	0.19 J	12.4	13.2	< 0.84	< 0.84
RW-15S (110-120)	11/16/2021	< 0.2	< 0.32	< 0.016	12.1	10.1	< 0.84	< 0.84
RW-15S (110-120)	2/9/2022	< 0.2	< 0.32	0.36	11.7	10.6	< 0.84	< 0.84

TABLE 13A
SUMMARY OF HISTORICAL GROUNDWATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Well ID	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJGWQS		1	5^	0.4	3	3	5	5
RW-15S-(110-120) DUP	2/9/2022	< 0.2	< 0.32	0.35	12.6	10.7	< 0.84	< 0.84
RW-15S (110-120)	5/17/2022	< 0.2	< 0.32	0.4	9.5	10.9	< 0.84	< 0.84
RW-15S-(110-120) DUP	5/17/2022	< 0.2	< 0.32	0.31	8.9	11	< 0.84	< 0.84
RW-15S (110-120)	8/3/2022	< 0.2	< 0.32	0.35	8	7.4	< 0.84	< 0.84
RW-15S-(110-120) DUP	8/3/2022	< 0.2	< 0.32	0.45	7.7	6.8	< 0.84	< 0.84
RW-15S (110-120)	11/15/2022	< 0.2	< 0.32	0.76	4.2	3.5	< 0.84	< 0.84
RW-15S(110-120) DUP	11/15/2022	< 0.2	< 0.32	0.76	22.1	< 0.89	< 0.84	< 0.84
RW-15S (110-120)	2/20/2023	< 0.2	< 0.32	0.53	4	4.7	< 0.84	< 0.84
RW-15S (110-120) DUP	2/20/2023	< 0.2	< 0.32	0.79	4.3	3.1	< 0.84	< 0.84
RW-15S (110-120)	8/14/2023	< 0.2	< 0.32	0.75	3.2	3.7 J	< 0.42	< 0.42
RW-15S(110-120) DUP	8/14/2023	< 0.2	< 0.32	0.79	2.9	3.3 J	< 0.42	< 0.42
RW-15S (110-120)	2/23/2024	< 0.2	< 0.32	0.55	2.8	3.1	< 0.42	< 0.42
RW-15S DUP	2/23/2024	< 0.2	< 0.32	0.51	2.2	3.5	< 0.42	< 0.42
RW-15S (110-120)	8/23/2024	< 0.2	< 0.32	0.56	2.6	2.9	< 0.42	< 0.42
RW-15S(110-120) DUP	8/23/2024	< 0.2	< 0.32	0.5	2.5	2.1	< 0.42	< 0.42
RW-15S (110-120)	2/28/2025	< 0.07	< 0.32	< 0.072	2	1.8 J	< 0.42	< 0.42
RW-15D (127-137)	8/24/2016	< 0.09	< 0.37	0.86	2.2	1.2 J	< 0.38	< 0.38
RW-15D (127-137)	2/8/2017	< 0.09	< 0.37	0.846	4.4	4.2	< 0.38	< 0.38
RW-15D (127-137)	8/17/2017	< 0.09	< 0.37	0.982	5.3	4.7	< 0.38	< 0.38
RW-15D (127-137)	8/31/2018	< 0.43	< 0.32	0.49	6.8	8.2	< 0.37	< 0.37
RW-15D (127-137)	11/10/2020	< 0.2	< 0.32	0.58	8.1	11.2	0.24 UB	0.12 UB
RW-15D (127-137)	3/10/2021	< 0.2	< 0.32	0.74	12.1	17.8	< 0.84	< 0.84
RW-15D (127-137)	8/20/2021	< 0.2	< 0.32	0.49	12	14.3	< 0.84	< 0.84
RW-15D (127-137)	11/16/2021	< 0.2	< 0.32	< 0.016	14.4	12.9	< 0.84	< 0.84
RW-15D (127-137)	2/9/2022	< 0.2	< 0.32	0.59	9.6	10	< 0.84	< 0.84
RW-15D (127-137)	5/17/2022	< 0.2	< 0.32	0.74	13.1	12.5	< 0.84	< 0.84
RW-15D (127-137)	8/3/2022	< 0.2	< 0.32	0.55	11.3	12.6	< 0.84	< 0.84
RW-15D (127-137)	11/15/2022	< 0.2	< 0.32	0.88	16.1	13.3	< 0.84	< 0.84
RW-15D (127-137)	2/20/2023	< 0.2	< 0.32	0.8	15.8	13.6	< 0.84	< 0.84
RW-15D (127-137)	8/14/2023	< 0.2	< 0.32	0.65	15.4	12.3 J	< 0.42	< 0.42
RW-15D (127-137)	2/23/2024	< 0.2	< 0.32	0.31	9.7	9.2	0.61 J	< 0.42
RW-15D (127-137)	8/23/2024	< 0.2	< 0.32	0.65	13.4	13.6	< 0.42	< 0.42
RW-15D (127-137)	2/28/2025	< 0.07	< 0.32	0.62	17.4	13.5	< 0.42	< 0.42
RW-16	5/24/2016	< 0.09	< 0.37	< 0.16				
RW-16	8/16/2016	< 0.09	< 0.37	< 0.075	< 0.71	< 0.71	< 0.44	< 0.44
RW-16	2/2/2017	< 0.09	< 0.37	< 0.075	< 0.64	< 0.64	< 0.38	< 0.38
RW-16	8/17/2017	< 0.09	< 0.37	< 0.0765	< 0.64	< 0.64	< 0.38	< 0.38
RW-16	8/21/2018	< 0.43	< 0.32	< 0.016	< 0.77	< 0.77	< 0.37	< 0.37
RW-16	11/10/2020	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.11	< 0.11
RW-16	8/20/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.84	< 0.84
RW-16	2/11/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
RW-16	8/3/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
RW-16	2/20/2023	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
RW-16	8/9/2023	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
RW-16	2/21/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
RW-16	8/20/2024	0.21 J	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42

TABLE 13A
SUMMARY OF HISTORICAL GROUNDWATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Well ID	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJGWQS		1	5^	0.4	3	3	5	5
RW-16	2/26/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
RW-17S (96-111)	2/26/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	0.46 J	< 0.42
RW-17S (96-111)	8/26/2024	< 0.2	< 0.32	0.089 J	< 1.2	< 1.2	0.96 J	< 0.42
RW-17S (96-111)	3/3/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	14.8	1.2
RW-17DS (120-130)	2/26/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
RW-17DS (120-130)	8/26/2024	< 0.2	< 0.32	0.23	< 1.2	< 1.2	0.7 J	< 0.42
RW-17DS (120-130)	3/3/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	2.1	< 0.42
RW-18S (92-102)	2/26/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	1.2	< 0.42
RW-18S (92-102)	8/26/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	1.1 J	< 0.42
RW-18S (92-102)	3/3/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	6.9	< 0.42
RW-18DS (112-122)	2/26/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	5	< 0.42
RW-18DS (112-122)	8/26/2024	< 0.2	< 0.32	< 0.072	1.9 J	1.3 J	5.7	< 0.42
RW-18DS (112-122)	3/3/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	5	< 0.42
RW-18DD (157-167)	2/26/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	1.6	< 0.42
RW-18DD (157-167)	8/26/2024	< 0.2	< 0.32	0.13 J	< 1.2	< 1.2	3.1	< 0.42
RW-18DD (157-167)	3/3/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	2.7	< 0.42
RW-19S (113-123)	2/26/2024	< 0.2	< 0.32	0.18 J	< 1.2	< 1.2	3.7	< 0.42
RW-19S (113-123)	8/26/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	0.48 J	< 0.42
RW-19S (113-123)	3/3/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	1.2	< 0.42
RW-19S (113-123) DUP	3/3/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	0.66 J	< 0.42
RW-19DS (131-137)	2/26/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	1.5	< 0.42
RW-19DS (131-137)	8/26/2024	< 0.2	< 0.32	0.18 J	< 1.2	< 1.2	0.73 J	< 0.42
RW-19DS (131-137)	3/3/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	1.4	< 0.42
RW-19DD (144-154)	2/26/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	3	< 0.42
RW-19DD (144-154)	8/26/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	2.4	< 0.42
RW-19DD (144-154)	3/3/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	10.3	< 0.42

See Table 11 for validation qualifiers.
Result exceeds NJGWQS (NJAC 7:9C August 2018)
< = not detected - value is method detection limit
Blank cells - Not Analyzed
NJGWQS = New Jersey Groundwater Quality Standards
^ = NJGWQS for this compound is an Interim Specific Standard

TABLE 13B
SUMMARY OF HISTORICAL SURFACE WATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Location	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJSWQS		0.15			0.017	0.017	5	5
SR-3 Pond	8/19/2015	< 0.2	< 0.36	1.6 J	1.8 J B	< 0.5	0.28 J	< 0.2
SR-3 Pond	12/16/2015	0.51 J	2.8	1.9				
SR-3 POND	5/20/2016	0.32 J	1.6	1.9				
SR-3 Pond	8/19/2016	< 0.09	< 0.37	2.94	< 0.71	< 0.71	< 0.44	< 0.44
SR-3 Pond	8/14/2017	< 0.09	0.47 J	2.34	< 0.64	< 0.64	< 0.38	< 0.38
SR-3 POND	8/27/2018	< 0.43	< 0.32	1.4	< 0.77	< 0.77	< 0.37	< 0.37
SR-3 Pond	11/9/2020	< 0.2	< 0.32	0.84 B	< 0.89	< 0.89	0.11 J	< 0.11
SR-3 Pond	3/8/2021	0.43 J	1.2	0.91	< 0.89	< 0.89	< 0.84	< 0.84
SR-3 Pond	8/17/2021	< 0.2	1	1.4	< 1.2	< 1.2	< 0.84	< 0.84
SR-3 POND	11/16/2021	< 0.2	0.69 J	1.2	< 0.89	< 0.89	< 0.84	< 0.84
SR-3 POND	2/8/2022	< 0.2	2.2	1	< 0.89	< 0.89	< 0.84	< 0.84
SR-3 Pond	5/17/2022	0.32 J	0.8 J	0.71	0.94 J	< 0.89	< 0.84	< 0.84
SR-3 POND	8/2/2022	< 0.2	0.73 J	0.59	1.1 J	< 0.89	1.6	< 0.84
SR-3 Pond	11/14/2022	< 0.2	0.77 J	1.2	< 0.89	< 0.89	< 0.84	< 0.84
SR-3 Pond	2/16/2023	< 0.2	< 0.32	1	3.4	< 0.89	9.8	< 0.84
SR3 Pond DUP	2/16/2023	< 0.2	< 0.32	< 0.072	2.4	< 0.89	7.3	< 0.84
SR-3 Pond	8/8/2023	< 0.2	0.69 J	0.84 F	1.4 J	< 1.2	< 0.42	< 0.42
SR-3 POND	2/20/2024	< 0.2	1	1.4	< 1.2	< 1.2	< 0.84	< 0.84
SR-3 Pond	8/22/2024	< 0.2	< 0.32	0.42	< 1.2	< 1.2	0.52 J	< 0.42
SR-3 SEEP 1	6/6/2011	0.48 J	< 0.37		< 0.92	< 0.92	1.6 J	< 0.94
SR-3 SEEP 1	5/3/2012	0.85 J	2.6		0.73 J		< 1.7	
SR-3 Seep 1	4/22/2015	< 0.24	< 0.34					
SR-3 Seep 1	6/1/2015	< 0.2	< 0.36					
SR-3 Seep 1	8/19/2015	0.33 J	0.83 J	2 J	4.7 B	< 0.5	4.3	< 0.2
SR-3 Seep 1	12/16/2015	0.75 J	3.6	2.16				
SR-3 Seep 1	5/20/2016	< 0.09	< 0.37	0.24 J				
SR-3 SEEP 1	8/19/2016	0.38 J	2.5	3.43	1.4 J	< 0.71	17	< 0.44
SR-3 SEEP 1	2/6/2017	0.31 J	1.3	3.85	< 0.64	< 0.64	< 0.38	< 0.38
SR-3 Seep 1	8/14/2017	0.31 J	< 0.37	1.6	5.1	< 0.64	6.8	< 0.38
SR-3 SEEP 1	8/27/2018	0.53 J	1.9	1.5	1.4 J	< 0.77	1.1 J	< 0.37
SR-3 Seep 1	11/9/2020	< 0.2	< 0.32	0.8 B	< 0.89	< 0.89	< 0.11	< 0.11
SR-3 Seep 1	3/8/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	1.4	< 0.84
SR-3 Seep 1	8/17/2021	< 0.2	< 0.32	0.39	< 0.89	< 0.89	< 0.84	< 0.84
SR-3 SEEP 1	11/16/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.84	< 0.84
SR-3 SEEP 1	2/8/2022	< 0.2	< 0.32	1.8	0.9 J	< 0.89	< 0.84	< 0.84
SR-3 Seep 1	8/8/2023	< 0.2	0.86 J	1.5	< 1.2	< 1.2	0.52 J	< 0.42
SR-3 SEEP 2	5/4/2012	< 0.22	< 0.37		2.5		2.1 B	
SR-3 Seep 2	8/19/2015	0.67 J	1.8	1.3 J	2.7 B	< 0.5	0.81 J	< 0.2
SR-3 Seep 2	12/16/2015	2.4	11	3.56				
SR-3 Seep 2	5/20/2016	1.7	5.9	0.67				
SR-3 SEEP 2	8/19/2016	0.61 J	4.1	3.5	0.8 J	< 0.71	0.9 J	< 0.44
SR-3 SEEP 2	2/6/2017	0.91 J	3.6	4.78	3.3	< 0.64	5.1	< 0.38

TABLE 13B
SUMMARY OF HISTORICAL SURFACE WATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Location	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJSWQS		0.15			0.017	0.017	5	5
SR-3 Seep 2	8/14/2017	0.76 J	< 0.37	1.65	1.3 J	< 0.64	0.84 J	< 0.38
SR-3 SEEP 2	8/27/2018	0.72 J	2.9	1.6	1.2 J	< 0.77	0.96 J	< 0.37
SR-3 Seep 2	11/9/2020	< 0.2	2	0.86 B	< 0.89	< 0.89	0.88 J	< 0.11
SR-3 Seep 2	3/8/2021	1.3	3.2	1.1	< 0.89	< 0.89	1.1 J	< 0.84
SR-3 Seep 2	8/17/2021	0.69 J	1.6	2	12	< 1.2	< 0.84	< 0.84
SR-3 SEEP 2	11/16/2021	0.54 J	1.4	1.4	< 0.89	< 0.89	< 0.84	< 0.84
SR-3 SEEP 2	2/8/2022	< 0.2	1.3	0.83	< 0.89	< 0.89	< 0.84	< 0.84
SR-3 SEEP 2	5/17/2022	0.6 J	1.3	0.8	< 0.89	< 0.89	< 0.84	< 0.84
SR-3 SEEP 2	8/2/2022	0.35 J	1.5 *1	< 0.072	1.1 J	< 0.89	3.1	< 0.84
SR-3 Seep 2	11/14/2022	0.33 J	1.3	1.6	1.1 J	< 0.89	0.95 J	< 0.84
SR-3 Seep 2	2/16/2023	1.5	3.8	2.5	< 0.89	< 0.89	< 0.84	< 0.84
SR-3 Seep 2	8/8/2023	< 0.2	0.59 J	1.1	< 1.2	< 1.2	< 0.42	< 0.42
SR-3 SEEP 2	2/20/2024	0.69 J	1.6	2	12	< 1.2	< 0.84	< 0.84
SR-3 Seep 2	8/22/2024	< 0.2	< 0.32	0.65	< 1.2	< 1.2	< 0.42	< 0.42
SR-3 Seep 2	2/25/2025	< 0.07	1.2	1.5	< 1.2	< 1.2	< 0.42	< 0.42
SR-3 Seep 2 DUP	2/25/2025	< 0.07	1.3	1.5	< 1.2	< 1.2	< 0.42	< 0.42
SW-03	5/4/2012	< 0.22	< 0.37		< 1		< 1.7	
SW-03	8/20/2015	< 0.2	< 0.36	< 0.27	< 0.5	< 0.5	< 0.2	< 0.2
SW-03	5/19/2016	< 0.09	< 0.37	< 0.16				
SW-03	8/19/2016	< 0.09	< 0.37	< 0.0735	< 0.71	< 0.71	< 0.44	< 0.44
SW-03	8/15/2017	< 0.09	< 0.37	< 0.0781	< 0.64	< 0.64	0.5 J	< 0.38
SW-03	8/27/2018	< 0.43	< 0.32	< 0.016	< 0.77	< 0.77	< 0.37	< 0.37
SW-03	11/9/2020	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	0.12 J	< 0.11
SW-03	8/17/2021	< 0.2	< 0.32	0.083 J	< 0.89	< 0.89	1.3	< 0.84
SW-03	2/8/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-03	8/2/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-03	2/16/2023	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-03	8/8/2023	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	0.46 J	< 0.42
SW-03	2/20/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-03	8/22/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-03	2/25/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-04	11/3/2004	< 0.31	< 0.73		< 5		< 3	
SW-04	5/19/2016	< 0.09	< 0.37	< 0.16				
SW-04	8/19/2016	< 0.09	< 0.37	< 0.0735	< 0.71	< 0.71	< 0.44	< 0.44
SW-04	2/6/2017	< 0.09	< 0.37	< 0.0798	< 0.64	< 0.64	< 0.38	< 0.38
SW-04	8/15/2017	< 0.09	< 0.37	< 0.075	< 0.64	< 0.64	< 0.38	0.56 J
SW-04	8/27/2018	< 0.43	< 0.32	< 0.016	< 0.77	< 0.77	< 0.37	< 0.37
SW-04	11/9/2020	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.11	< 0.11
SW-04	8/17/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.84	< 0.84
SW-04	2/8/2022	< 0.2	< 0.32	< 0.072	1.1 J	< 0.89	< 0.84	< 0.84
SW-04	8/2/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-04	2/16/2023	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84

TABLE 13B
SUMMARY OF HISTORICAL SURFACE WATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Location	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJSWQS		0.15			0.017	0.017	5	5
SW-04	8/8/2023	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	0.82 J	< 0.42
SW-04	2/20/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-04	8/22/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-04	2/25/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-11	5/3/2012	< 0.22	< 0.37	< 0.072	< 1.2	< 1.2	< 1.7	< 0.42
SW-11	8/21/2015	< 0.2	< 0.36	< 0.27	< 0.5	< 0.5	< 0.2	< 0.2
SW-11	8/19/2016	< 0.09	< 0.37	< 0.0798	< 0.71	< 0.71	< 0.44	< 0.44
SW-11	8/14/2017	< 0.09	< 0.37	< 0.0781	< 0.64	< 0.64	< 0.38	< 0.38
SW-11	8/27/2018	< 0.43	< 0.32	< 0.016	< 0.77	< 0.77	< 0.37	< 0.37
SW-11 DUP	8/27/2018	< 0.43	< 0.32	< 0.016	< 0.77	< 0.77	< 0.37	< 0.37
SW-11	11/9/2020	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.11	< 0.11
SW-11	8/17/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.84	< 0.84
SW-11 DUP	8/17/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.84	< 0.84
SW-11	2/8/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-11	2/16/2023	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-11	8/8/2023	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-11	2/20/2024	< 0.22	< 0.37	< 0.072	< 1.2	< 1.2	< 1.7	< 0.42
SW-11 DUP	2/20/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-11	8/22/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	0.55 J	< 0.42
SW-11	2/25/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-MRB-00	6/8/2011	< 0.05	< 0.37		< 1		< 3	
SW-MRB-00	5/4/2012	< 0.22	< 0.37		< 1		< 1.7	
SW-MRB-00	8/20/2015	< 0.2	< 0.36	< 0.27	0.65 J	0.6 J	0.87 J	0.23 J
SW-MRB-00	8/19/2016	< 0.09	< 0.37	< 0.075	< 0.71	< 0.71	< 0.44	< 0.44
SW-MRB-00	8/15/2017	< 0.09	< 0.37	< 0.0781	< 0.64	< 0.64	0.54 J	< 0.38
SW-MRB-00	8/27/2018	< 0.43	< 0.32	< 0.016	< 0.77	< 0.77	0.47 J	< 0.37
SW-MRB-00	11/9/2020	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	0.14 J	< 0.11
SW-MRB-00	8/17/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.84	< 0.84
SW-MRB-00	2/8/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-MRB-00	2/16/2023	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-MRB-00	8/8/2023	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	0.49 J	< 0.42
SW-MRB-00	2/20/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	0.56 J	< 0.42
SW-MRB-00	8/22/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	0.53 J	< 0.42
SW-MRB-00	2/25/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-MRB-01	11/16/2005	< 0.23	< 0.99		< 5		< 3	
SW-MRB-01	6/8/2011	< 0.05	< 0.37		< 1		< 3	
SW-MRB-01	5/2/2012	< 0.22	< 0.37		1.2 J		5.6	
SW-MRB-01	8/20/2015	< 0.2	< 0.36	< 0.27	0.76 J	0.59 J	1.2 J	< 0.2
SW-MRB-01	8/22/2016	< 0.09	< 0.37	< 0.0735	< 0.71	< 0.71	< 0.44	< 0.44
SW-MRB-01	8/15/2017	< 0.09	< 0.37	< 0.075	< 0.64	< 0.64	0.62 J	< 0.38
SW-MRB-01	8/27/2018	< 0.43	< 0.32	< 0.016	< 0.77	< 0.77	< 0.37	< 0.37
SW-MRB-01	11/9/2020	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.11	< 0.11

TABLE 13B
SUMMARY OF HISTORICAL SURFACE WATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Location	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJSWQS		0.15			0.017	0.017	5	5
SW-MRB-01	8/17/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	2.8	< 0.84
SW-MRB-01	2/8/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-MRB-01	2/16/2023	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-MRB-01	8/8/2023	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-MRB-01	2/20/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-MRB-01	8/22/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	4.9	< 0.42
SW-MRB-01	2/25/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	0.87 J	< 0.42
SW-MRB-02	11/15/2005	< 0.23	< 0.99		< 5		< 3	
SW-MRB-02	6/8/2011	< 0.05	< 0.37		< 1		< 3	
SW-MRB-02	5/1/2012	< 0.22	< 0.37		< 1		< 1.7	
SW-MRB-02	8/20/2015	< 0.2	< 0.36	< 0.27	0.8 J	0.54 J	0.91 J	< 0.2
SW-MRB-02	5/19/2016	< 0.09	< 0.37	< 0.15				
SW-MRB-02	8/19/2016	< 0.09	< 0.37	< 0.075	< 0.71	< 0.71	0.68 J	< 0.44
SW-MRB-02	8/15/2017	< 0.09	< 0.37	< 0.075	< 0.64	< 0.64	0.72 J	< 0.38
SW-MRB-02	8/27/2018	< 0.43	< 0.32	< 0.016	< 0.77	< 0.77	0.38 J	< 0.37
SW-MRB-02	11/9/2020	< 0.2	< 0.32	0.97 B	1.1 J	< 0.89	5.2	< 0.11
SW-MRB-02	8/17/2021	< 0.2	< 0.32	< 0.016	1.5 J	< 0.89	< 0.84	< 0.84
SW-MRB-02	2/8/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-MRB-02	2/16/2023	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-MRB-02	8/8/2023	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	0.63 J	< 0.42
SW-MRB-02	2/20/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	0.68 J	< 0.42
SW-MRB-02	8/22/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	1.9	0.97 J
SW-MRB-02 DUP	8/22/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	2	1 J
SW-MRB-02	2/25/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	0.64 J	< 0.42
SW-MRB-03	11/15/2005	< 0.23	< 0.99		< 5		< 3	
SW-MRB-03	6/8/2011	< 0.05	< 0.37		< 1		< 0.94	
SW-MRB-03	5/1/2012	< 0.22	< 0.37		< 1		< 1.7	
SW-MRB-03	8/20/2015	< 0.2	< 0.36	< 0.27	< 0.5	< 0.5	0.29 J	< 0.2
SW-MRB-03	5/19/2016	< 0.09	< 0.37	< 0.16				
SW-MRB-03	8/19/2016	< 0.09	< 0.37	< 0.075	< 0.71	< 0.71	< 0.44	< 0.44
SW-MRB-03	2/6/2017	< 0.09	< 0.37	< 0.0815	< 0.64	< 0.64	< 0.38	< 0.38
SW-MRB-03	8/15/2017	< 0.09	< 0.37	< 0.0765	< 0.64	< 0.64	< 0.38	< 0.38
SW-MRB-03	8/27/2018	< 0.43	< 0.32	< 0.016	< 0.77	< 0.77	< 0.37	< 0.37
SW-MRB-03	11/9/2020	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	0.19 J	< 0.11
SW-MRB-03	8/17/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.84	< 0.84
SW-MRB-03	2/8/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-MRB-03	8/2/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-MRB-03	2/16/2023	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-MRB-03	8/8/2023	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	0.95 J	< 0.42
SW-MRB-03	2/20/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-MRB-03	8/22/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	0.92 J	< 0.42
SW-MRB-03	2/25/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42

TABLE 13B
SUMMARY OF HISTORICAL SURFACE WATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Location	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJSWQS		0.15			0.017	0.017	5	5
SW-NOB-01	11/16/2005	< 0.23	< 0.99		< 5		< 3	
SW-NOB-01	6/9/2011	< 0.09	< 0.37		< 1		2 B	
SW-NOB-01	5/4/2012	< 0.22	< 0.37		0.91 J		5.6	
SW-NOB-01	8/22/2016	< 0.09	< 0.37	< 0.0815	< 0.71	< 0.71	0.67 J	< 0.44
SW-NOB-01	8/27/2018	< 0.43	< 0.32	< 0.016	< 0.77	< 0.77	9.5	< 0.37
SW-NOB-01	11/9/2020	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	0.11 J	< 0.11
SW-NOB-01	8/17/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.84	< 0.84
SW-NOB-01	2/8/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-NOB-01	8/2/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-NOB-01	2/16/2023	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-NOB-01	8/8/2023	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-NOB-01	2/20/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-NOB-01	8/22/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-NOB-01	2/25/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-NOB-02	11/15/2005	< 0.23	< 0.99		< 5		< 3	
SW-NOB-02	6/7/2011	< 0.05	< 0.37		< 1		< 3	
SW-NOB-02	5/1/2012	< 0.22	< 0.37		< 1		< 1.7	
SW-NOB-02	8/19/2015	< 0.2	< 0.36	< 0.27	1.5 J B	< 0.5	1.2 J	< 0.2
SW-NOB-02	5/19/2016	< 0.09	< 0.37	< 0.16				
SW-NOB-02	8/19/2016	< 0.09	< 0.37	< 0.075	< 0.71	< 0.71	< 0.44	< 0.44
SW-NOB-02	8/15/2017	< 0.09	< 0.37	< 0.0781	< 0.64	< 0.64	1.1 J	< 0.38
SW-NOB-02	8/27/2018	< 0.43	< 0.32	< 0.016	< 0.77	< 0.77	0.46 J	< 0.37
SW-NOB-02	11/9/2020	< 0.2	< 0.32	0.25 B	< 0.89	< 0.89	< 0.11	< 0.11
SW-NOB-02	8/17/2021	< 0.2	< 0.32	0.22	< 0.89	< 0.89	0.92 J	< 0.84
SW-NOB-02	2/8/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-NOB-02	8/2/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-NOB-02 DUP	8/2/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	2	< 0.84
SW-NOB-02	2/16/2023	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-NOB-02	8/8/2023	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-NOB-02	2/20/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-NOB-02	8/22/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-NOB-02	2/25/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-PAB-00	6/10/2011	< 0.05	< 0.37		< 1		1.5 B	
SW-PAB-00	5/4/2012	< 0.22	< 0.37	< 0.072	< 1.2	< 1.2	< 1.7	< 0.42
SW-PAB-00	4/22/2015	< 0.24	< 0.34					
SW-PAB-00	6/2/2015	< 0.2	< 0.36					
SW-PAB-00	8/21/2015	< 0.2	< 0.36	< 0.27	< 0.5	< 0.5	0.36 J	< 0.2
SW-PAB-00	12/16/2015	< 0.09	< 0.37	< 0.056				
SW-PAB-00	5/20/2016	< 0.09	< 0.37	< 0.16				
SW-PAB-00	8/19/2016	< 0.09	< 0.37	< 0.0735	< 0.71	< 0.71	< 0.44	< 0.44
SW-PAB-00	8/14/2017	< 0.09	< 0.37	< 0.0765	< 0.64	< 0.64	0.39 J	< 0.38
SW-PAB-00	8/27/2018	< 0.43	< 0.32	0.41	< 0.77	< 0.77	< 0.37	< 0.37

TABLE 13B
SUMMARY OF HISTORICAL SURFACE WATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Location	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJSWQS		0.15			0.017	0.017	5	5
SW-PAB-00	11/9/2020	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.11	< 0.11
SW-PAB-00 DUP	11/9/2020	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.11	< 0.11
SW-PAB-00	8/17/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	2.2	< 0.84
SW-PAB-00	2/8/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-PAB-00	8/2/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-PAB-00	2/16/2023	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-PAB-00	8/8/2023	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-PAB-00	2/20/2024	< 0.22	< 0.37	< 0.072	< 1.2	< 1.2	< 1.7	< 0.42
SW-PAB-00	8/22/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-PAB-00	2/25/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-PAB-01	11/16/2005	< 0.23	< 0.99		< 8		< 3	
SW-PAB-01	6/13/2011	< 0.05	< 0.37		< 1		< 3	
SW-PAB-01	5/3/2012	< 0.22	< 0.37	0.35	1 J	< 1.2	1.3	< 0.84
SW-PAB-01	4/22/2015	< 0.24	< 0.34					
SW-PAB-01	6/2/2015	< 0.2	< 0.36					
SW-PAB-01	8/21/2015	< 0.2	< 0.36	< 0.27	0.52 J	< 0.5	0.61 J	< 0.2
SW-PAB-01	12/16/2015	0.33 J	1.2	0.813				
SW-PAB-01	5/20/2016	0.35 J	1.3	0.55				
SW-PAB-01	8/19/2016	0.12 J	1.5	1.4	1.1 J	< 0.71	0.66 J	< 0.44
SW-PAB-01	2/6/2017	0.2 J	0.89 J	1.44	< 0.64	< 0.64	< 0.38	< 0.38
SW-PAB-01	8/14/2017	0.21 J	< 0.37	0.67	0.71 J	< 0.64	< 0.38	< 0.38
SW-PAB-01	8/27/2018	< 0.43	< 0.32	< 0.016	< 0.77	< 0.77	< 0.37	< 0.37
SW-PAB-01	11/9/2020	< 0.2	1.9	0.53 B	< 0.89	< 0.89	0.12 J	< 0.11
SW-PAB-01	8/17/2021	< 0.22	< 0.37	0.35	1 J	< 1.2	1.3	< 0.84
SW-PAB-01	2/8/2022	< 0.2	0.5 J	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-PAB-01 DUP	2/8/2022	< 0.2	< 0.32	0.4	< 0.89	< 0.89	< 0.84	< 0.84
SW-PAB-01	2/16/2023	0.82 J	1.7	2	7.1	< 0.89	27.6	< 0.84
SW-PAB-01	8/8/2023	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	1.6	< 0.42
SW-PAB-01	2/20/2024	< 0.22	< 0.37	0.35	1 J	< 1.2	1.3	< 0.84
SW-PAB-01	8/22/2024	< 0.2	< 0.32	0.66	< 1.2	< 1.2	< 0.42	< 0.42
SW-PAB-01	2/25/2025	< 0.07	0.88 J	0.55	< 1.2	< 1.2	< 0.42	< 0.42
SW-PAB-01A	6/10/2011	< 0.05	< 0.37		< 1		1.8 B	
SW-PAB-01A	5/2/2012	< 0.22	< 0.37	< 0.072	0.72 J	< 1.2	< 1.7	< 0.42
SW-PAB-01A	4/22/2015	< 0.24	< 0.34					
SW-PAB-01A	8/21/2015	< 0.2	< 0.36	2.1 J	1.3 J	0.62 J	0.28 J	< 0.2
SW-PAB-01A	12/16/2015	< 0.09	< 0.37	0.824				
SW-PAB-01A	5/19/2016	< 0.09	< 0.37	0.35 J				
SW-PAB-01A	8/19/2016	< 0.09	< 0.37	2.32	< 0.71	< 0.71	< 0.44	< 0.44
SW-PAB-01A	2/6/2017	< 0.09	< 0.37	0.983	< 0.64	< 0.64	< 0.38	< 0.38
SW-PAB-01A	8/15/2017	< 0.09	< 0.37	1.6	0.78 J	< 0.64	< 0.38	< 0.38
SW-PAB-01A	8/27/2018	< 0.43	< 0.32	0.62	< 0.77	< 0.77	< 0.37	< 0.37
SW-PAB-01A	11/9/2020	< 0.2	< 0.32	0.62 B	< 0.89	< 0.89	< 0.11	< 0.11

TABLE 13B
SUMMARY OF HISTORICAL SURFACE WATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Location	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJSWQS		0.15			0.017	0.017	5	5
SW-PAB-01A	8/17/2021	< 0.2	< 0.32	0.85	< 0.89	< 0.89	< 0.84	< 0.84
SW-PAB-01A	2/8/2022	< 0.2	< 0.32	0.13 J	< 0.89	< 0.89	< 0.84	< 0.84
SW-PAB-01A	2/16/2023	< 0.2	< 0.32	0.28	< 0.89	< 0.89	< 0.84	< 0.84
SW-PAB-01A	8/8/2023	< 0.2	< 0.32	0.41	< 1.2	< 1.2	1.1 J	< 0.42
SW-PAB-01A	2/20/2024	< 0.22	< 0.37	< 0.072	0.72 J	< 1.2	< 1.7	< 0.42
SW-PAB-01A	8/22/2024	< 0.2	< 0.32	0.56	< 1.2	< 1.2	< 0.42	< 0.42
SW-PAB-01A	2/25/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	0.93 J	< 0.42
SW-PAB-02	11/16/2005	< 0.23	< 0.99		< 5		< 3	
SW-PAB-02	6/9/2011	< 0.09	< 0.37		< 1		< 0.94	
SW-PAB-02	5/2/2012	< 0.22	< 0.37		< 1		< 1.7	
SW-PAB-02	6/2/2015	< 0.2	< 0.36					
SW-PAB-02	8/21/2015	< 0.2	< 0.36	0.79 J	0.56 J	< 0.5	< 0.2	< 0.2
SW-PAB-02	8/22/2016	< 0.09	< 0.37	1.2	< 0.71	< 0.71	< 0.44	< 0.44
SW-PAB-02	2/6/2017	< 0.09	< 0.37	0.878	< 0.64	< 0.64	< 0.38	< 0.38
SW-PAB-02	8/14/2017	< 0.09	< 0.37	1.14	< 0.64	< 0.64	< 0.38	< 0.38
SW-PAB-02	8/27/2018	< 0.43	< 0.32	0.52	5.4	< 0.77	5.5	< 0.37
SW-PAB-02	11/9/2020	< 0.2	< 0.32	0.57 B	< 0.89	< 0.89	< 0.11	< 0.11
SW-PAB-02	8/17/2021	< 0.2	< 0.32	0.98	< 0.89	< 0.89	< 0.84	< 0.84
SW-PAB-02	2/8/2022	< 0.2	< 0.32	0.23	< 0.89	< 0.89	< 0.84	< 0.84
SW-PAB-02	2/16/2023	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-PAB-02	8/8/2023	< 0.2	< 0.32	0.94	< 1.2	< 1.2	< 0.42	< 0.42
SW-PAB-02	2/20/2024	< 0.2	< 0.32	0.31	< 1.2	< 1.2	< 0.42	< 0.42
SW-PAB-02	8/22/2024	< 0.2	< 0.32	0.55	< 1.2	< 1.2	< 0.42	< 0.42
SW-PAB-02	2/25/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-PAB-03	11/16/2005	< 0.23	< 0.99		< 5		< 3	
SW-PAB-03	6/9/2011	< 0.09	< 0.37		< 1		1.4 B	
SW-PAB-03	5/2/2012	< 0.22	< 0.37		< 1		< 1.7	
SW-PAB-03	8/21/2015	< 0.2	< 0.36	0.29 J	0.54 J	< 0.5	< 0.2	< 0.2
SW-PAB-03	5/19/2016	< 0.09	< 0.37	0.35 J				
SW-PAB-03	8/22/2016	< 0.09	< 0.37	0.442	0.86 J	< 0.71	< 0.44	< 0.44
SW-PAB-03	2/6/2017	< 0.09	< 0.37	0.766	< 0.64	< 0.64	< 0.38	< 0.38
SW-PAB-03	8/14/2017	< 0.09	< 0.37	0.465	< 0.64	< 0.64	< 0.38	< 0.38
SW-PAB-03	8/27/2018	< 0.43	< 0.32	0.44	< 0.77	< 0.77	< 0.37	< 0.37
SW-PAB-03	11/9/2020	< 0.2	< 0.32	0.37 B	< 0.89	< 0.89	< 0.11	< 0.11
SW-PAB-03	8/17/2021	< 0.2	< 0.32	0.11 J	< 0.89	< 0.89	< 0.84	< 0.84
SW-PAB-03	2/8/2022	< 0.2	< 0.32	0.56	< 0.89	< 0.89	< 0.84	< 0.84
SW-PAB-03	8/2/2022	< 0.2	< 0.32	< 0.072	1 J	< 0.89	0.88 J	< 0.84
SW-PAB-03	2/16/2023	< 0.2	< 0.32	0.41	< 0.89	< 0.89	< 0.84	< 0.84
SW-PAB-03	8/8/2023	< 0.2	< 0.32	0.57	< 1.2	< 1.2	< 0.42	< 0.42
SW-PAB-03	2/20/2024	< 0.2	< 0.32	0.44	< 1.2	< 1.2	< 0.42	< 0.42
SW-PAB-03	8/22/2024	< 0.2	< 0.32	0.21	< 1.2	< 1.2	< 0.42	< 0.42
SW-PAB-03	2/25/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42

TABLE 13B
SUMMARY OF HISTORICAL SURFACE WATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

Location	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJSWQS		0.15			0.017	0.017	5	5
SW-PAB-04	11/15/2005	< 0.23	< 0.99		< 5		3.7	
SW-PAB-04	6/7/2011	< 0.05	< 0.37		< 1		< 0.94	
SW-PAB-04	5/1/2012	< 0.22	< 0.37		< 1		< 1.7	
SW-PAB-04	8/19/2015	< 0.2	< 0.36	< 0.27	2 B	< 0.5	0.49 J	< 0.2
SW-PAB-04	5/19/2016	< 0.09	< 0.37	0.23 J				
SW-PAB-04	8/19/2016	< 0.09	< 0.37	0.34	< 0.71	< 0.71	< 0.44	< 0.44
SW-PAB-04	2/6/2017	< 0.09	< 0.37	0.678	< 0.64	< 0.64	< 0.38	< 0.38
SW-PAB-04	8/15/2017	< 0.09	< 0.37	0.431	< 0.64	< 0.64	< 0.38	< 0.38
SW-PAB-04	8/27/2018	< 0.43	< 0.32	0.4	< 0.77	< 0.77	< 0.37	< 0.37
SW-PAB-04	11/9/2020	< 0.2	< 0.32	0.38 B	< 0.89	< 0.89	0.22 J	< 0.11
SW-PAB-04	8/17/2021	< 0.2	< 0.32	0.26	< 0.89	< 0.89	< 0.84	< 0.84
SW-PAB-04	2/8/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-PAB-04	8/2/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-PAB-04	2/16/2023	< 0.2	< 0.32	0.41	< 0.89	< 0.89	< 0.84	< 0.84
SW-PAB-04	8/8/2023	< 0.2	< 0.32	0.72	< 1.2	< 1.2	< 0.42	< 0.42
SW-PAB-04	2/20/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-PAB-04	8/22/2024	< 0.2	< 0.32	0.2	< 1.2	< 1.2	0.73 J	< 0.42
SW-PAB-04	2/25/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-PMB-01	11/16/2005	< 0.23	< 0.99		< 5		< 3	
SW-PMB-01	6/9/2011	< 0.09	< 0.37		< 1		< 0.94	
SW-PMB-01	5/2/2012	< 0.22	< 0.37		2 J		5.2	
SW-PMB-01	8/20/2015	< 0.2	< 0.36	0.73 J	1 J	0.65 J	0.49 J	< 0.2
SW-PMB-01	5/19/2016	< 0.09	< 0.37	< 0.15				
SW-PMB-01	8/23/2016	< 0.09	< 0.37	< 0.0815	3.5	< 0.71	3.2	< 0.44
SW-PMB-01	8/14/2017	< 0.09	< 0.37	< 0.0735	0.96 J	< 0.64	0.6 J	< 0.38
SW-PMB-01	8/27/2018	< 0.43	< 0.32	< 0.016	< 0.77	< 0.77	< 0.37	< 0.37
SW-PMB-01 DUP	8/27/2018	< 0.43	< 0.32	< 0.016	< 0.77	< 0.77	< 0.37	< 0.37
SW-PMB-01	11/9/2020	< 0.2	< 0.32	< 0.016	0.98 J	< 0.89	< 0.11	< 0.11
SW-PMB-01	8/17/2021	< 0.2	< 0.32	< 0.016	1.1 J	< 0.89	< 0.84	< 0.84
SW-PMB-01	2/8/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-PMB-01	8/2/2022	< 0.2	< 0.32	< 0.072	3.1	< 0.89	3.4	< 0.84
SW-PMB-01	2/16/2023	< 0.2	< 0.32	< 0.072	11.6	< 0.89	19.8	< 0.84
SW-PMB-01	8/8/2023	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-PMB-01	2/20/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-PMB-01	8/22/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-PMB-01	2/25/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-PMB-02	6/9/2011	< 0.09	< 0.37		< 1		1 B	
SW-PMB-02	5/1/2012	< 0.22	< 0.37		< 1		< 1.7	
SW-PMB-02	8/20/2015	< 0.2	< 0.36	2.3 J	< 0.5	< 0.5	< 0.2	< 0.2
SW-PMB-02	5/19/2016	< 0.09	< 0.37	< 0.15				
SW-PMB-02	8/22/2016	< 0.09	< 0.37	< 0.0735	< 0.71	< 0.71	< 0.44	< 0.44
SW-PMB-02	8/14/2017	< 0.09	< 0.37	< 0.075	< 0.64	< 0.64	< 0.38	< 0.38

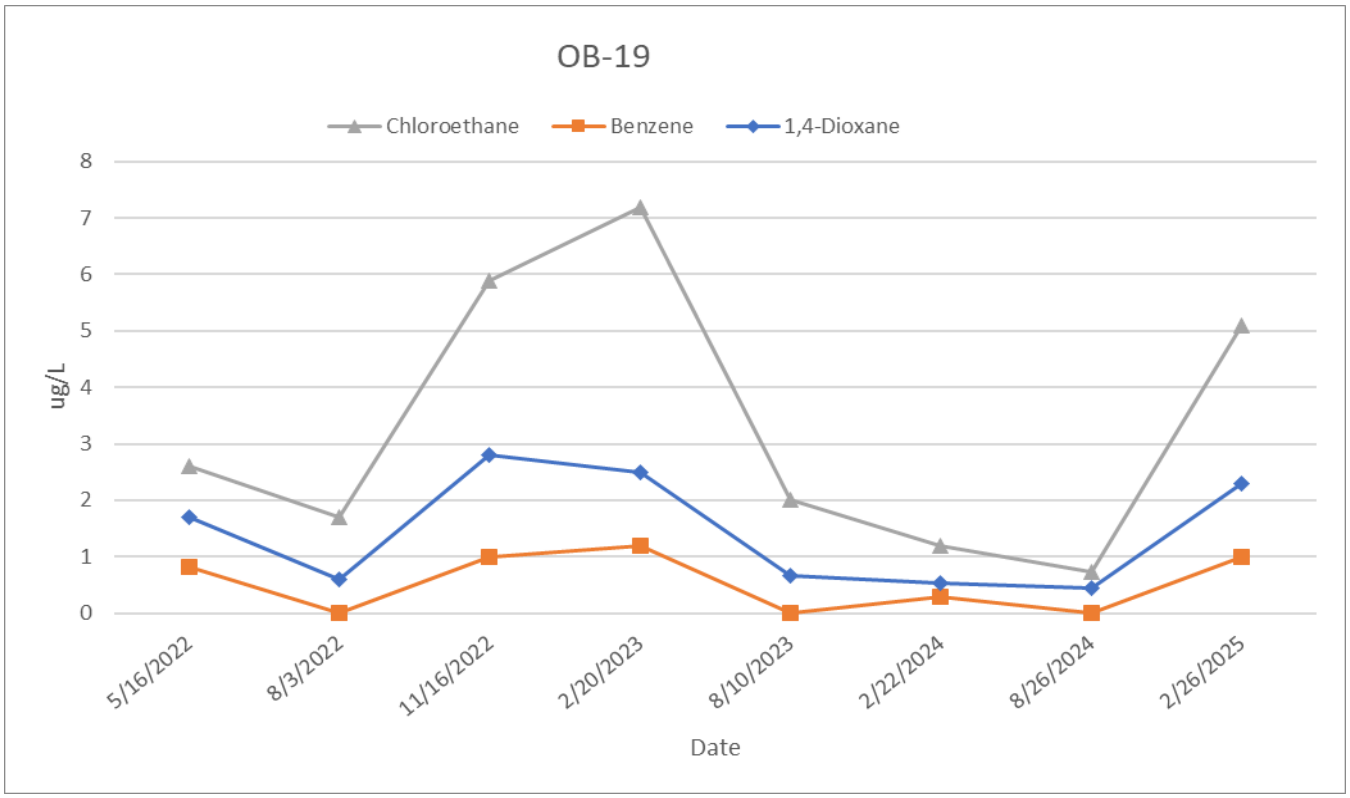
TABLE 13B
SUMMARY OF HISTORICAL SURFACE WATER RESULTS FOR BENZENE, CHLOROETHANE, 1,4-DIOXANE, ARSENIC AND LEAD
RINGWOOD MINES/LANDFILL SUPERFUND SITE
(all values ug/L)

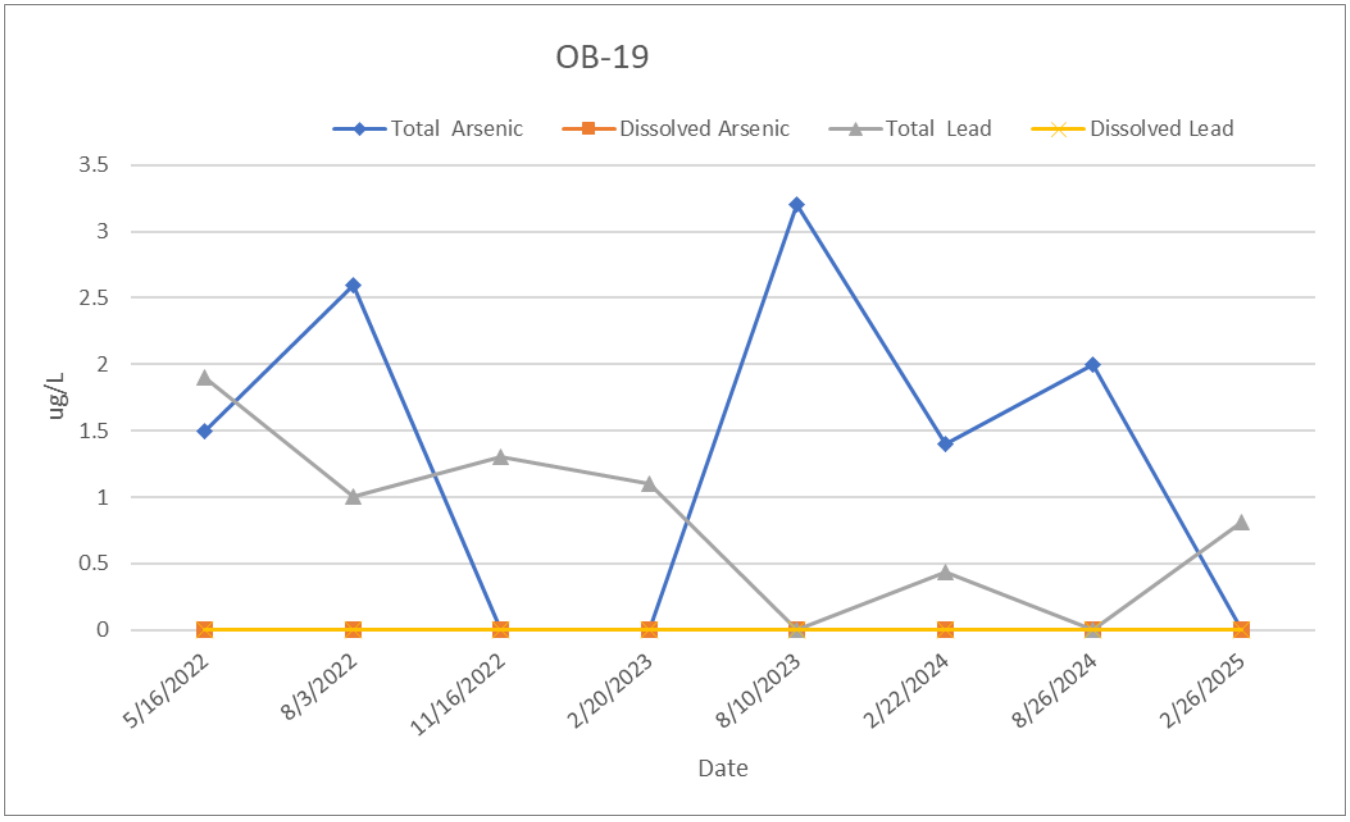
Location	Sample Date	Benzene	Chloro ethane	1,4-Dioxane	Total Arsenic	Dissolved Arsenic	Total Lead	Dissolved Lead
NJSWQS		0.15			0.017	0.017	5	5
SW-PMB-02	8/27/2018	< 0.43	< 0.32	< 0.016	< 0.77	< 0.77	< 0.37	< 0.37
SW-PMB-02	11/9/2020	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.11	< 0.11
SW-PMB-02	8/17/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.84	< 0.84
SW-PMB-02	2/8/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	0.98 J	< 0.84
SW-PMB-02	8/2/2022	< 0.2	< 0.32	< 0.072	2.7	< 0.89	1.1 J	< 0.84
SW-PMB-02	2/16/2023	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-PMB-02	8/8/2023	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-PMB-02 DUP	8/8/2023	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-PMB-02	2/20/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	0.91 J	< 0.42
SW-PMB-02	8/22/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-PMB-02	2/25/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	0.71 J	< 0.42
SW-SP-01	5/19/2016	< 0.09	< 0.37	< 0.16				
SW-SP-01	8/19/2016	< 0.09	< 0.37	< 0.075	< 0.71	< 0.71	< 0.44	< 0.44
SW-SP-01	2/6/2017	< 0.09	< 0.37	< 0.075	< 0.64	< 0.64	< 0.38	< 0.38
SW-SP-01	8/15/2017	< 0.09	< 0.37	< 0.0721	< 0.64	< 0.64	< 0.38	< 0.38
SW-SP-01	8/27/2018	< 0.43	< 0.32	< 0.016	< 0.77	< 0.77	< 0.37	< 0.37
SW-SP-01	11/9/2020	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.11	< 0.11
SW-SP-01	8/17/2021	< 0.2	< 0.32	< 0.016	< 0.89	< 0.89	< 0.84	< 0.84
SW-SP-01	2/8/2022	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-SP-01	8/2/2022	< 0.2	< 0.32	< 0.072	< 0.89	1.8 J	< 0.84	< 0.84
SW-SP-01	2/16/2023	< 0.2	< 0.32	< 0.072	< 0.89	< 0.89	< 0.84	< 0.84
SW-SP-01	8/8/2023	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-SP-01	2/20/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42
SW-SP-01	8/22/2024	< 0.2	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	0.49 J
SW-SP-01	2/25/2025	< 0.07	< 0.32	< 0.072	< 1.2	< 1.2	< 0.42	< 0.42

< = not detected - value is method detection limit
B = analyte found in associated blank
J = estimated result
Blank cells = Not Analyzed
NJSWQS = New Jersey Surface Water Quality Standards

Time Series Graphs for PMP Overburden Wells

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 2)

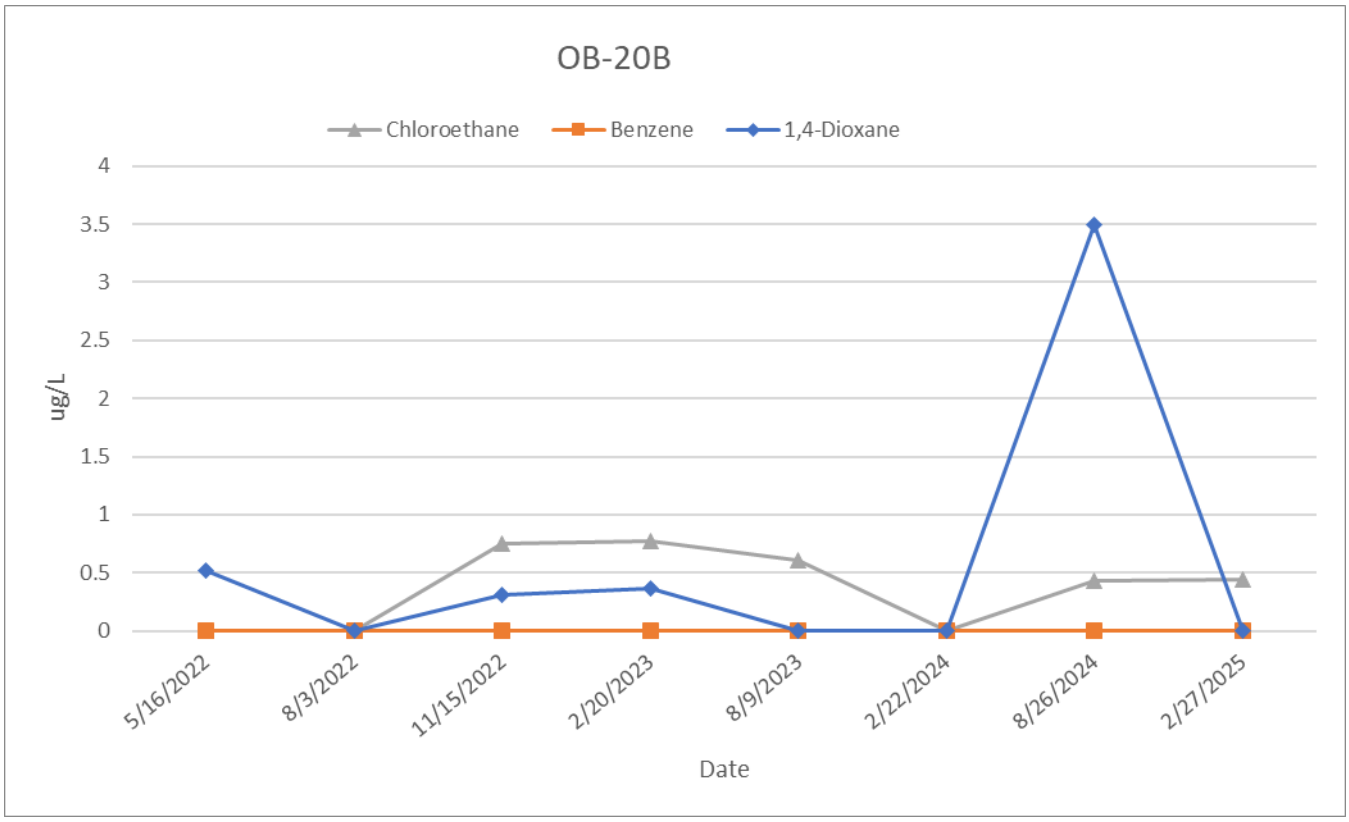


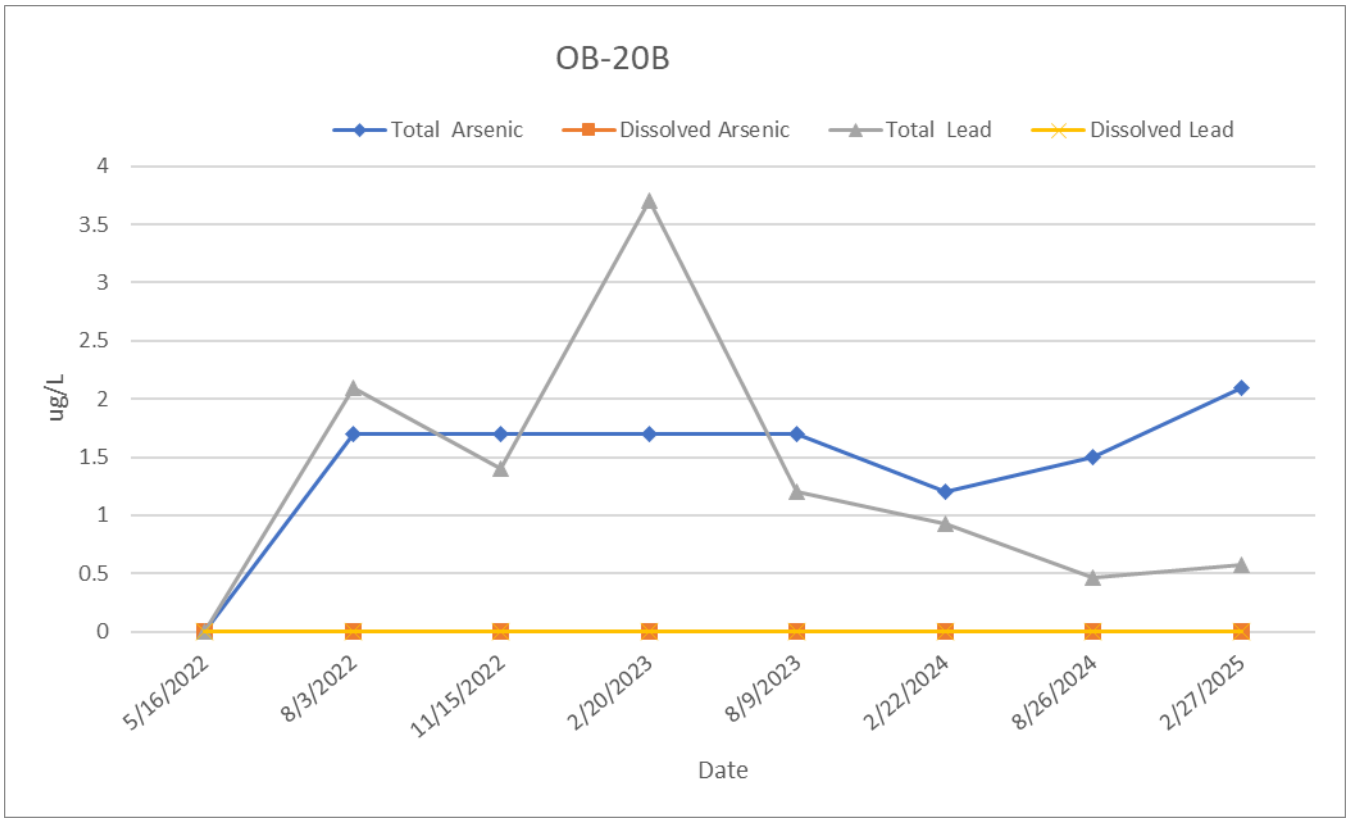


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for PMP Overburden Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 2)

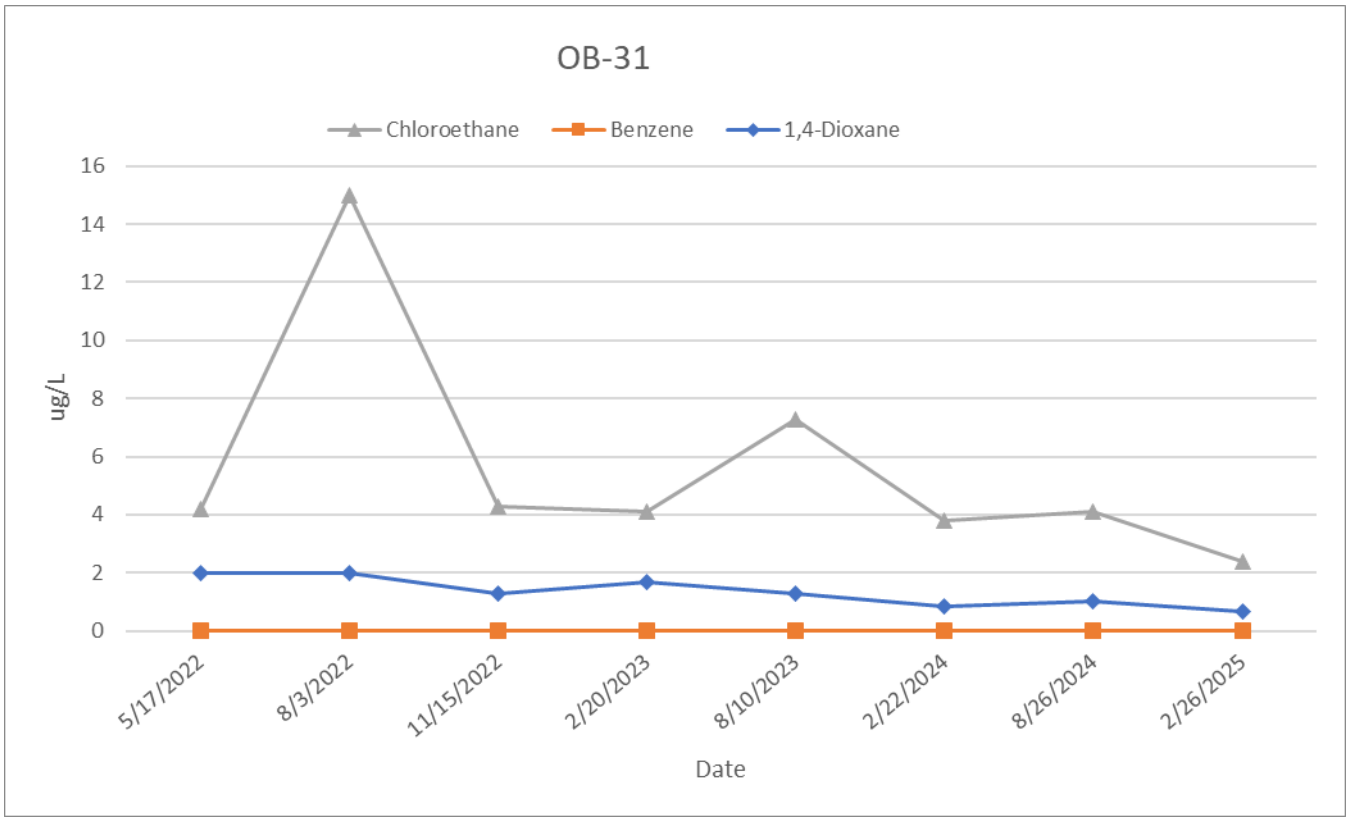


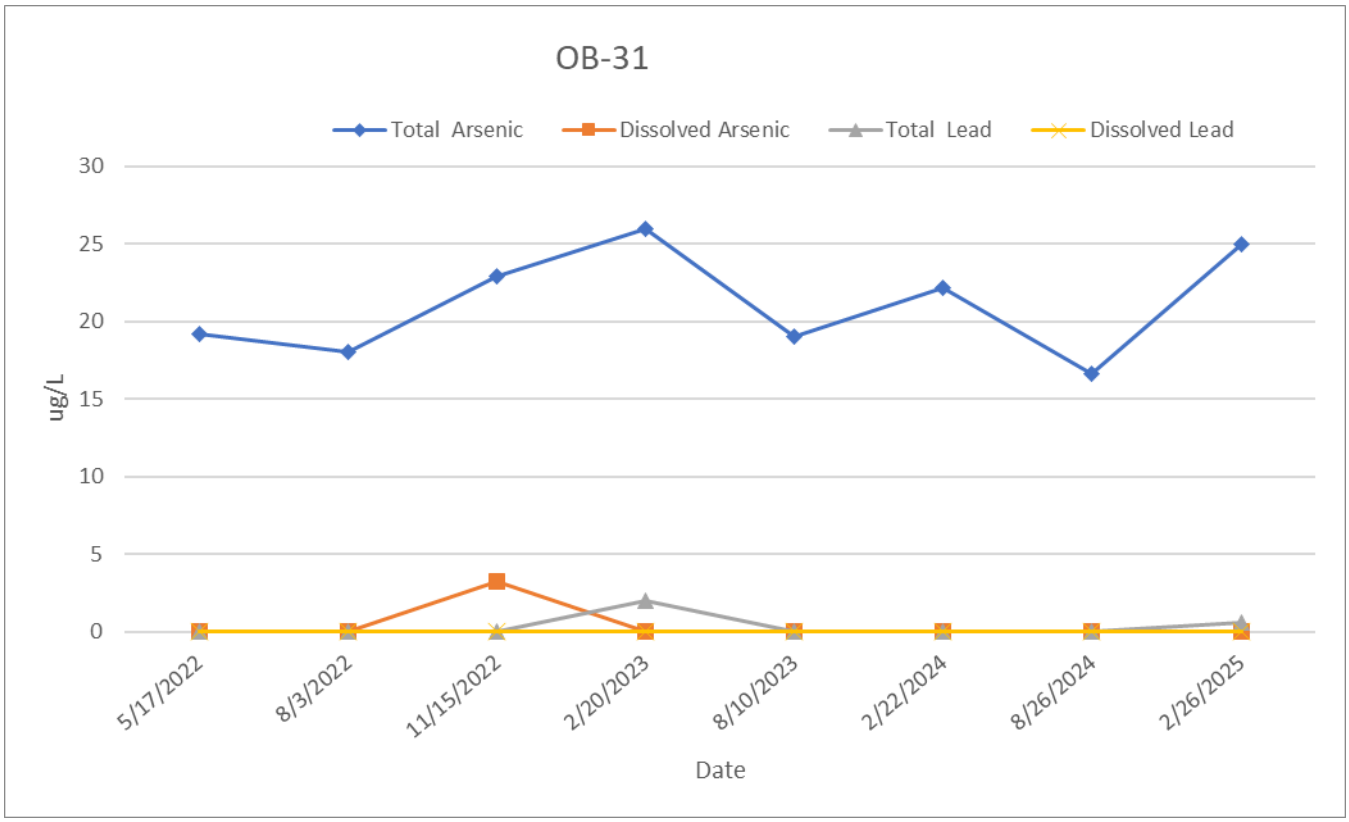


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for PMP Overburden Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 2)

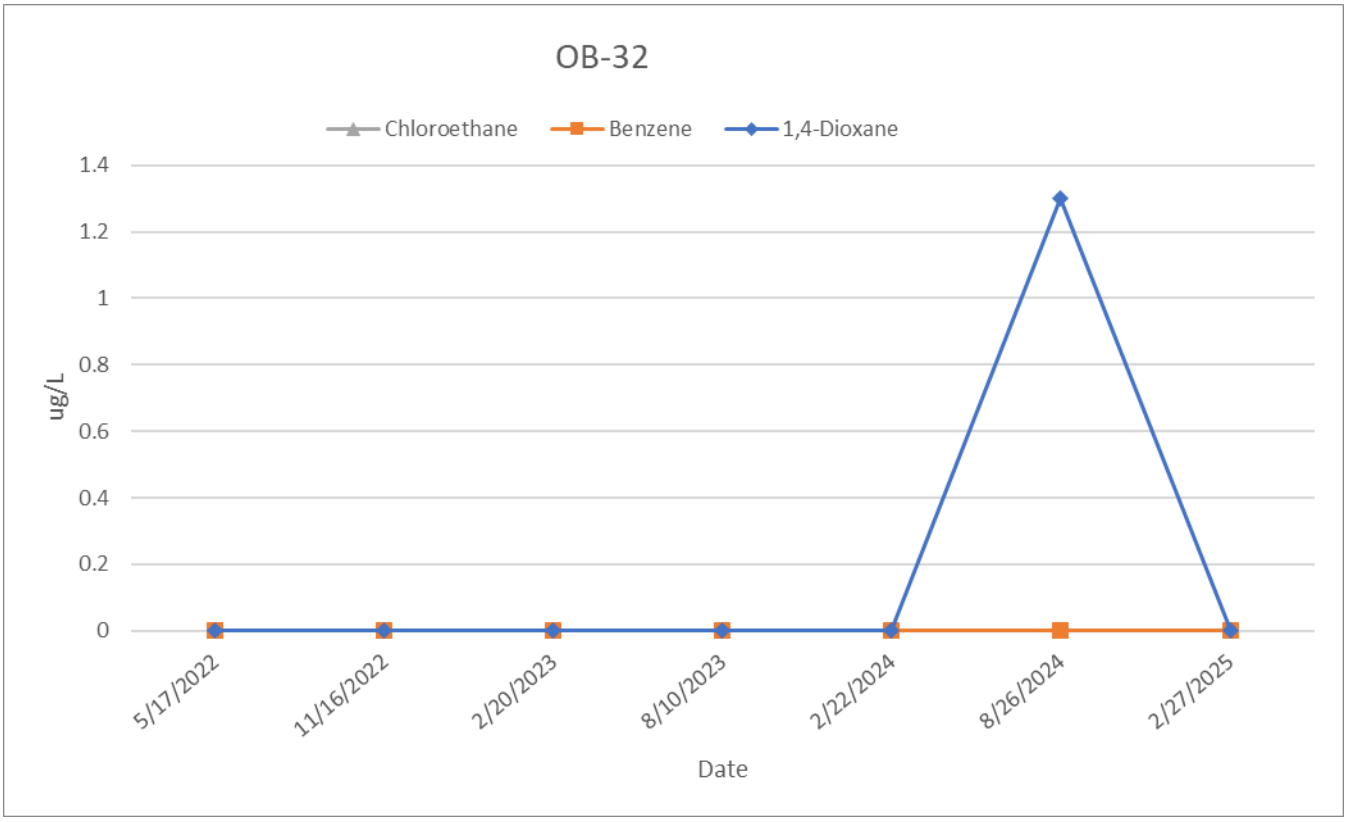


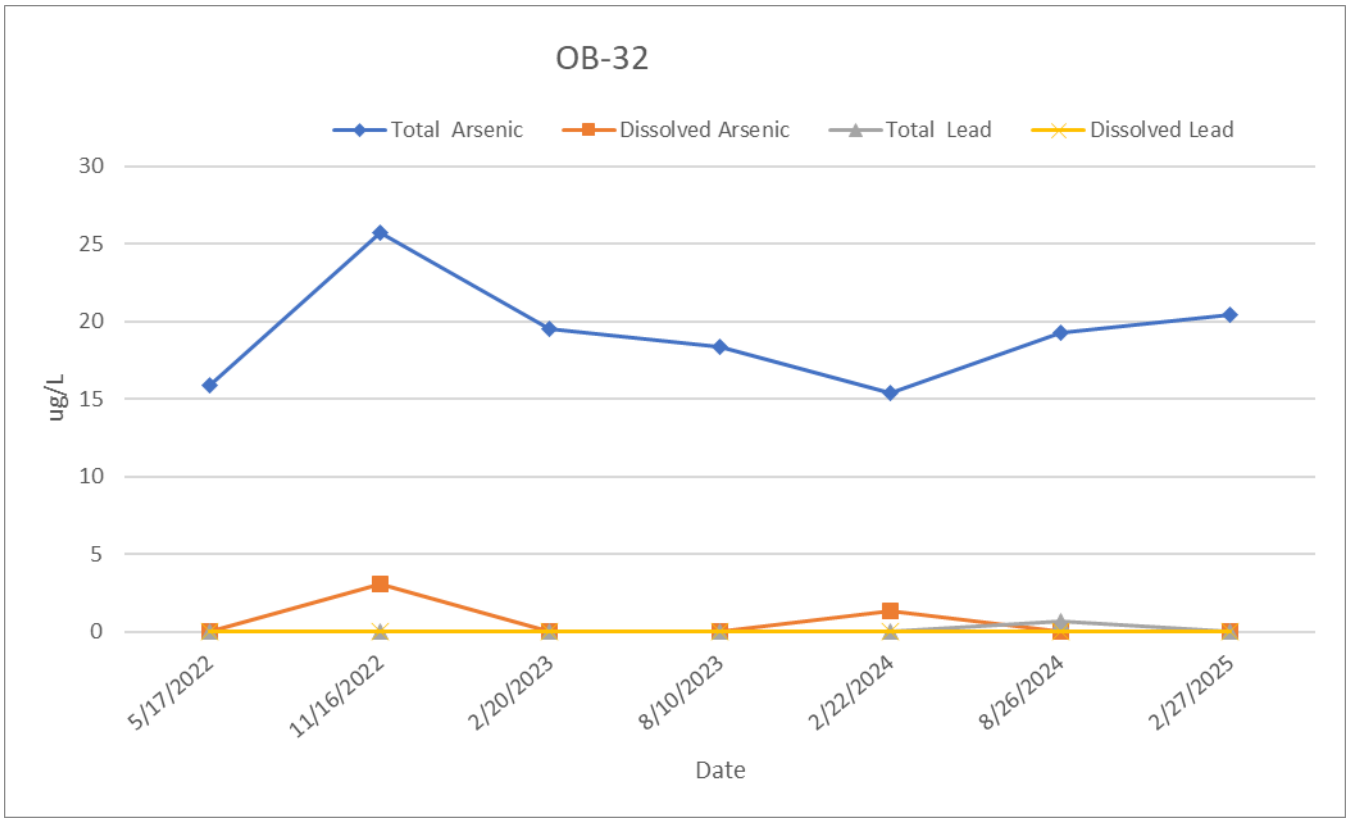


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for PMP Overburden Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 2)

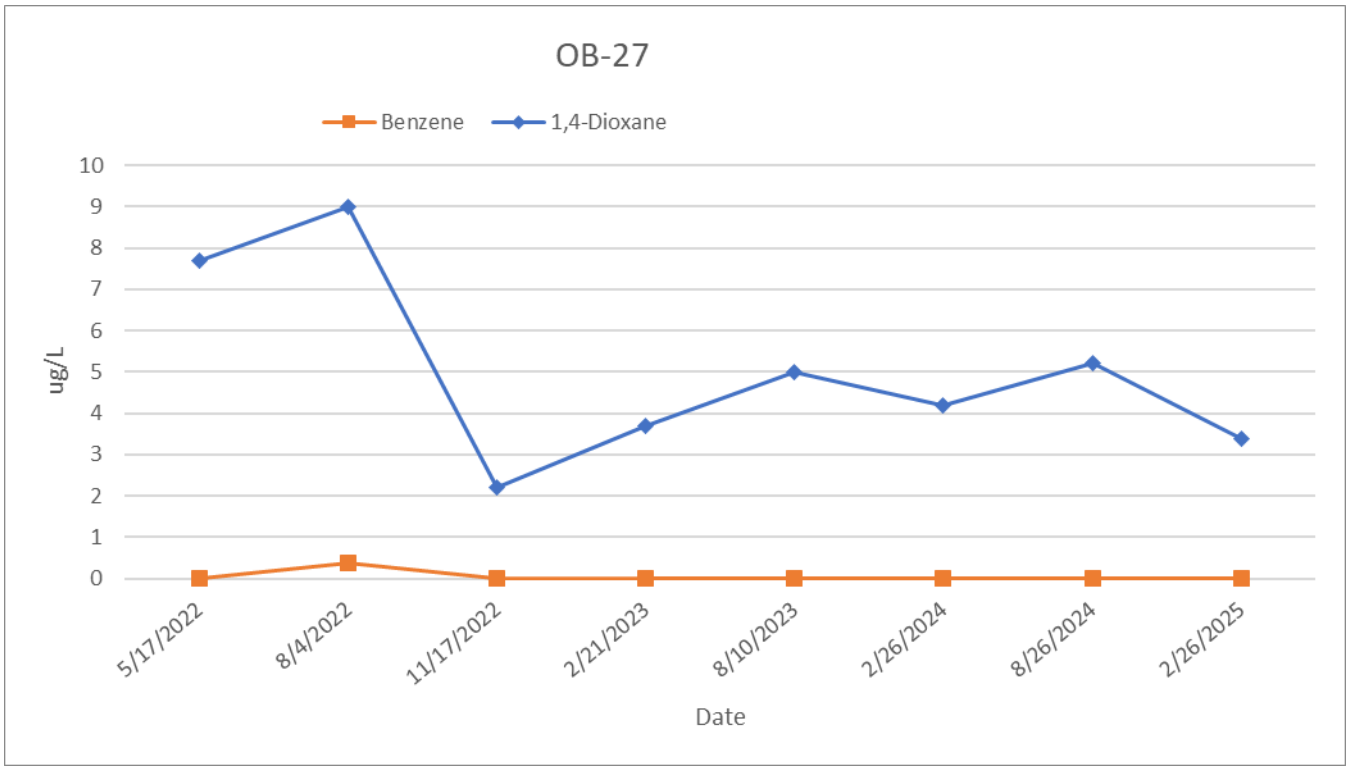


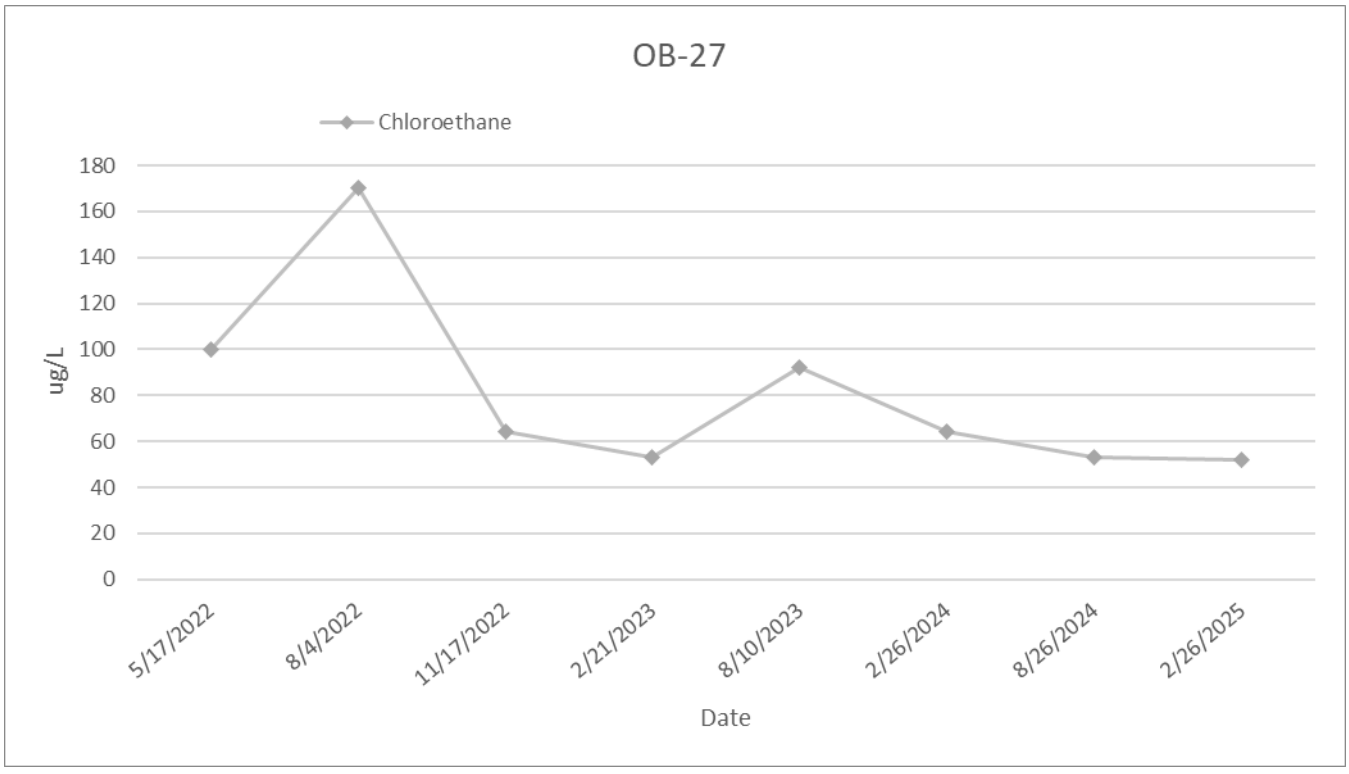


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for PMP Overburden Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 2)

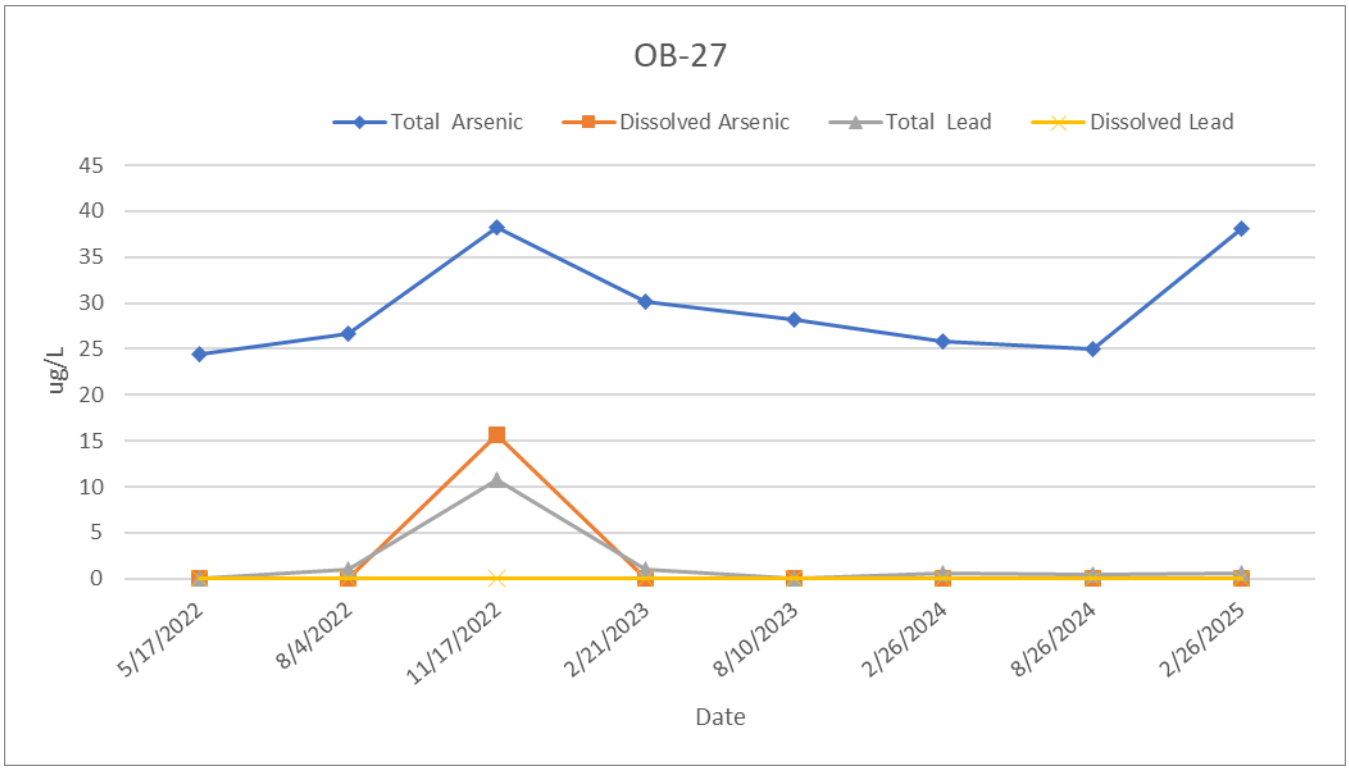




Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for PMP Overburden Wells - Continued

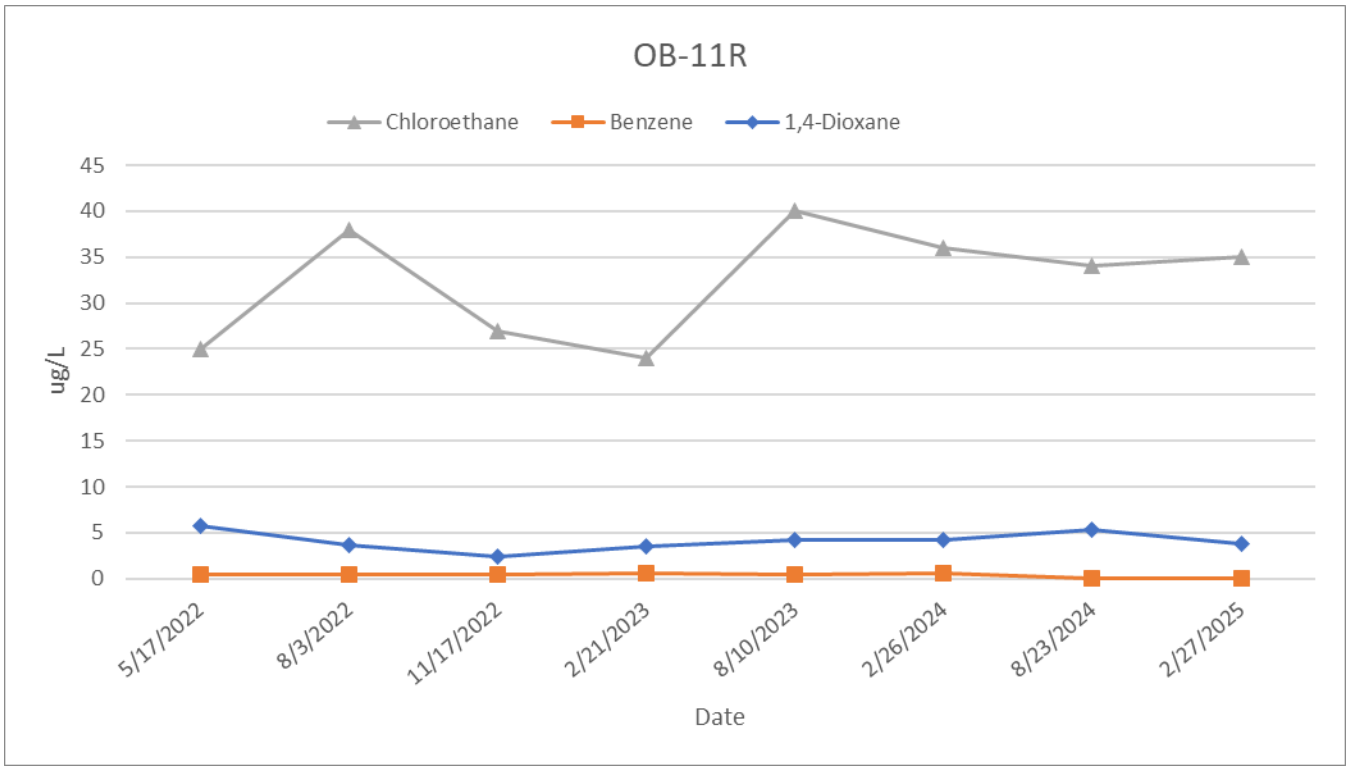
(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 2)

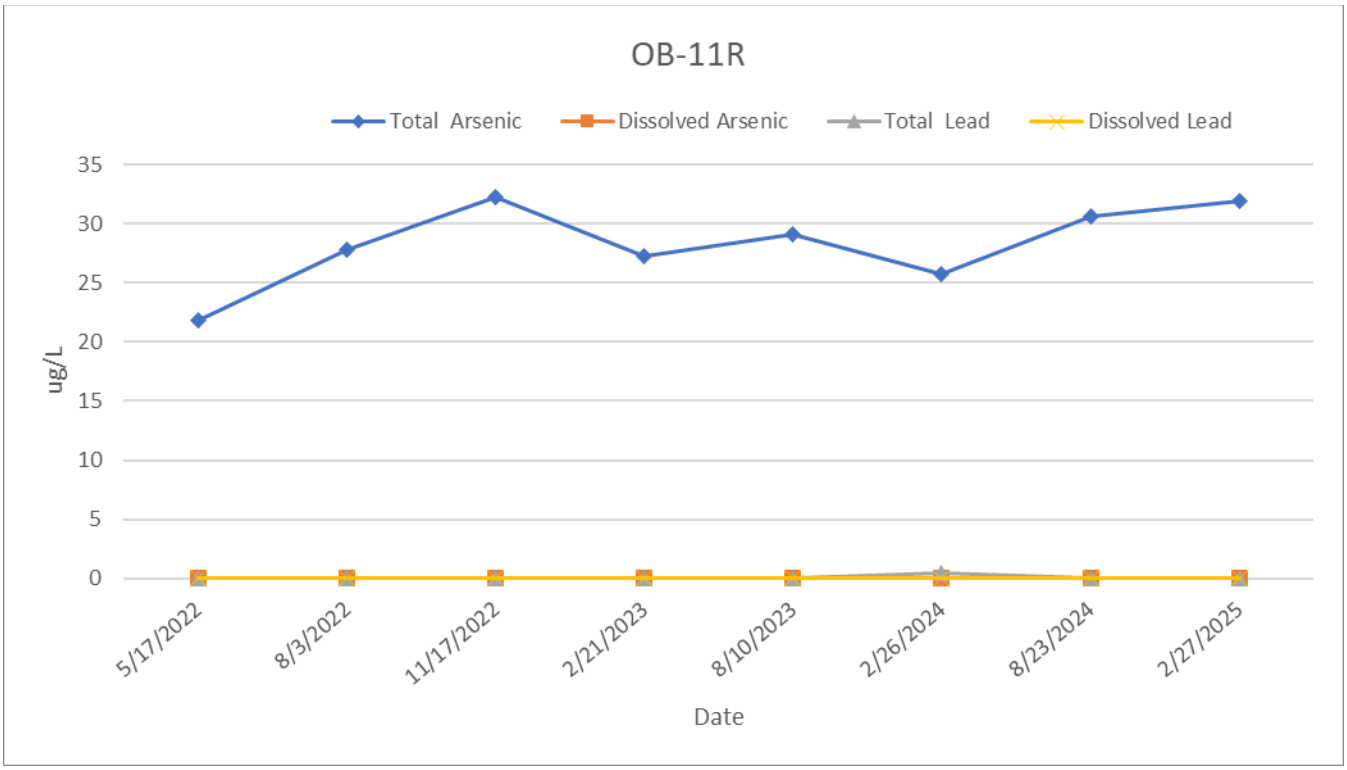


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for PMP Overburden Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 2)

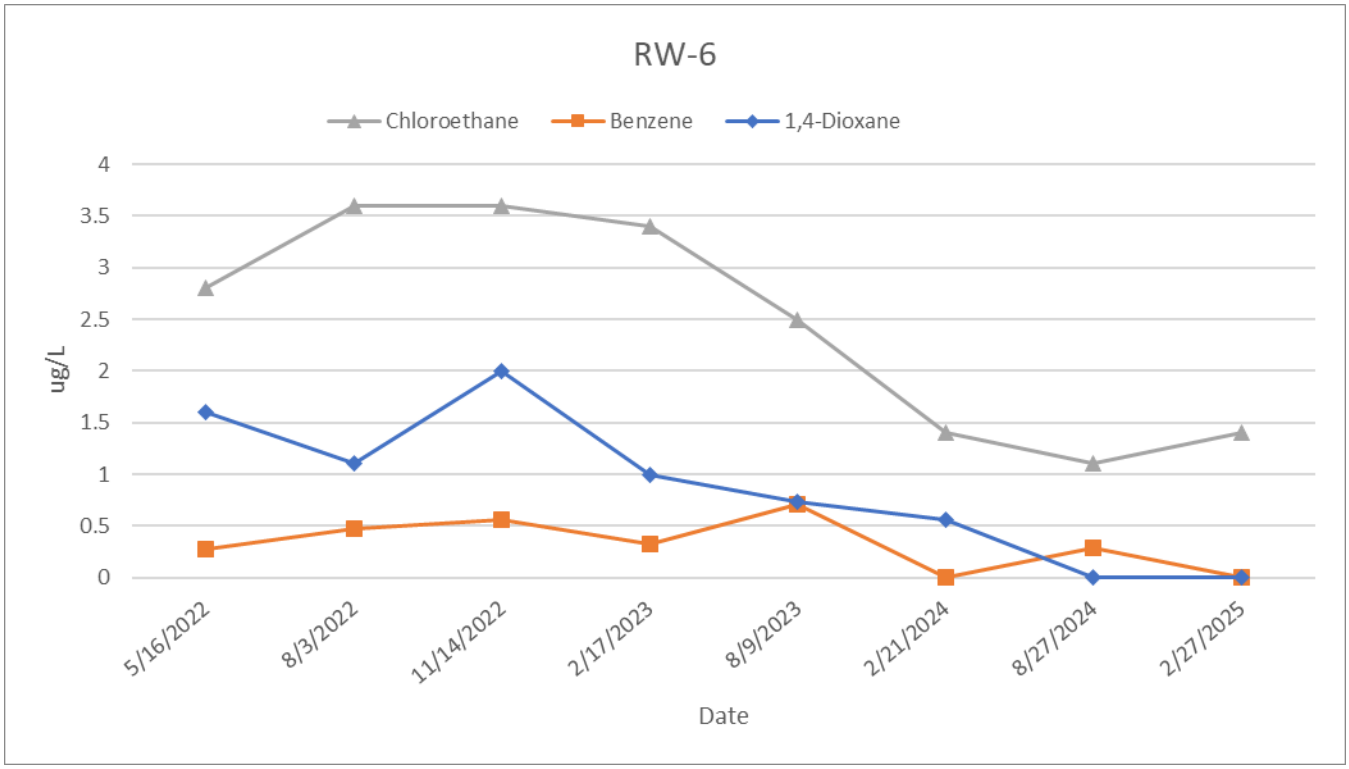


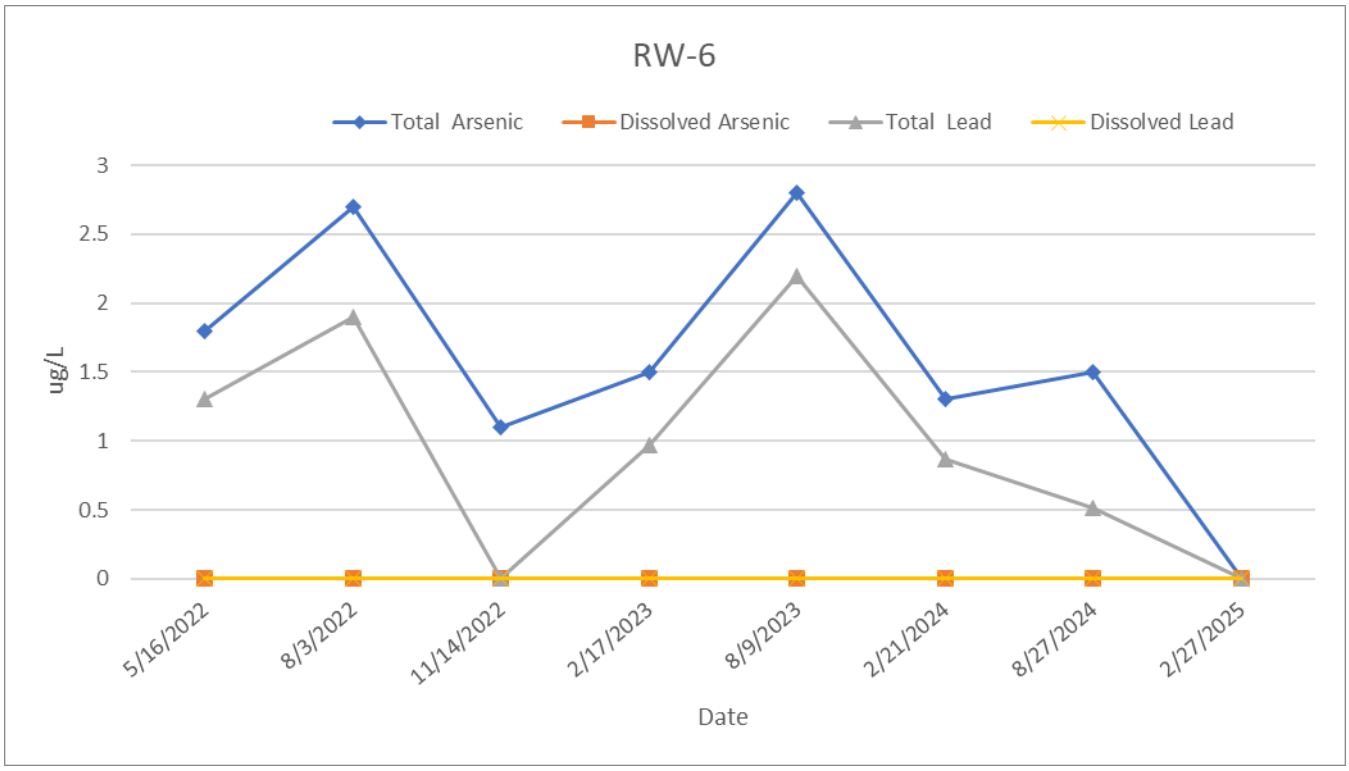


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for PMP Bedrock Wells

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 3)

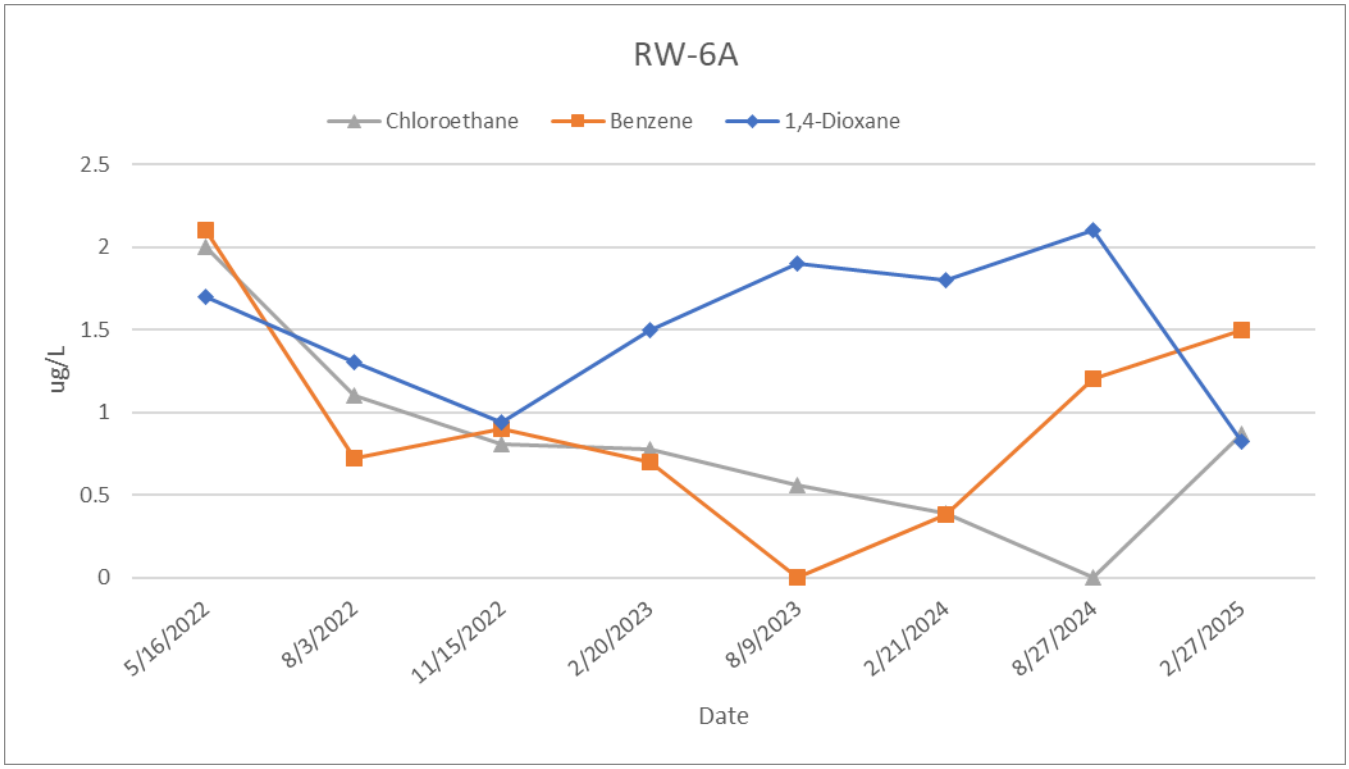


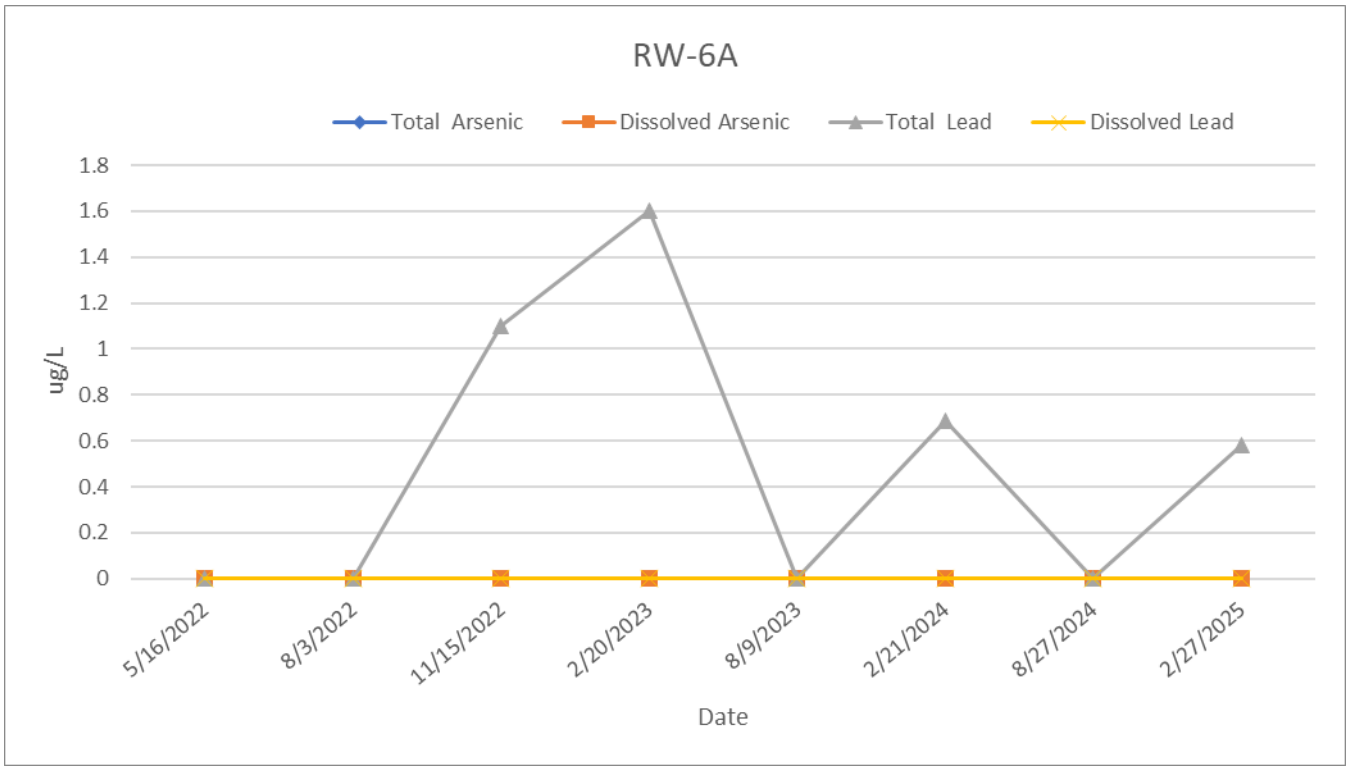


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for PMP Bedrock Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 3)

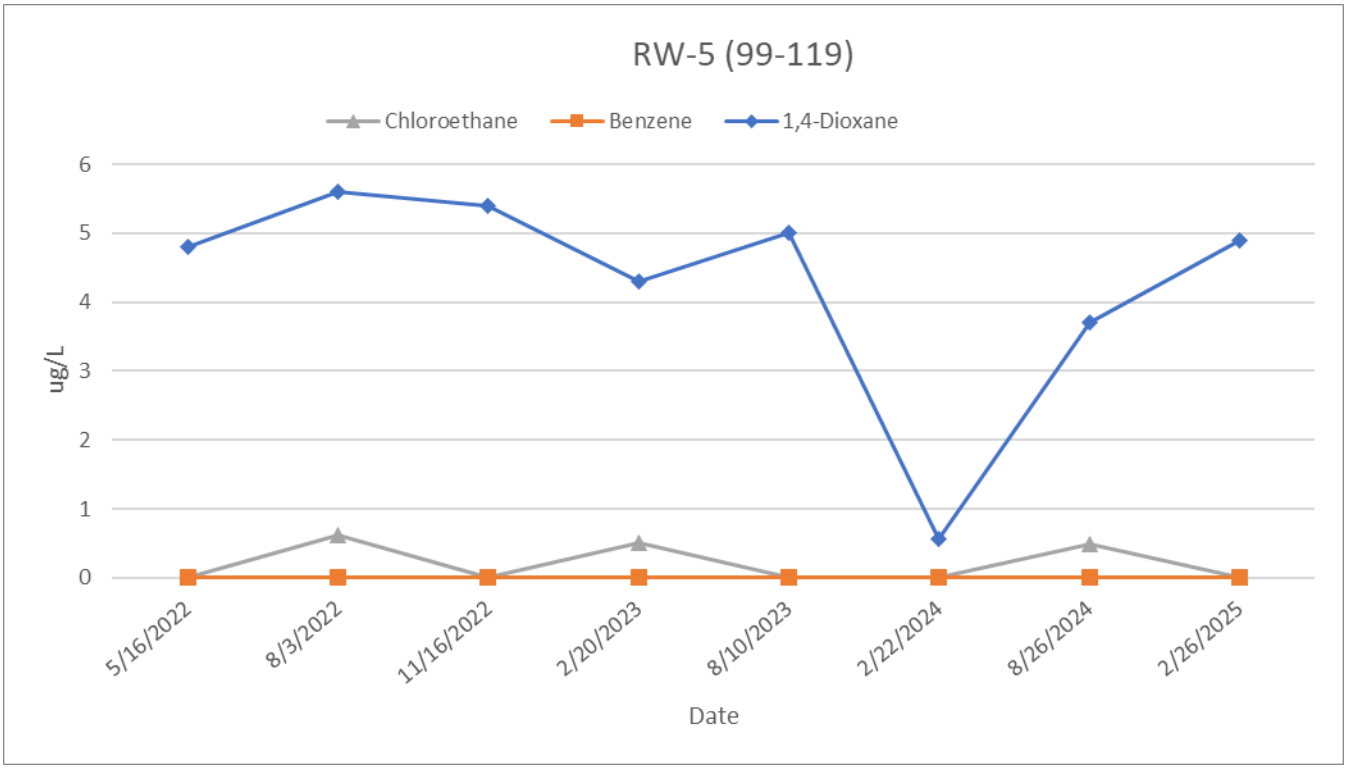


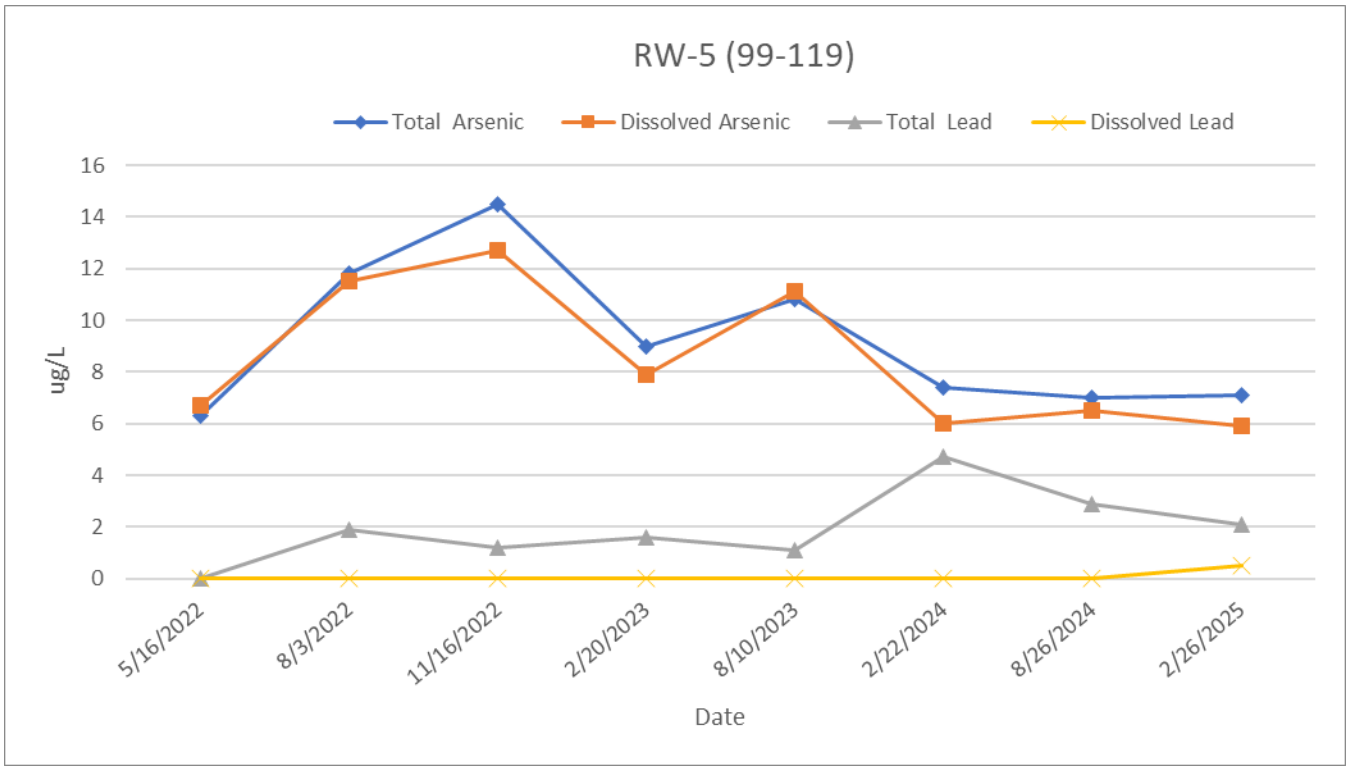


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for PMP Bedrock Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 3)

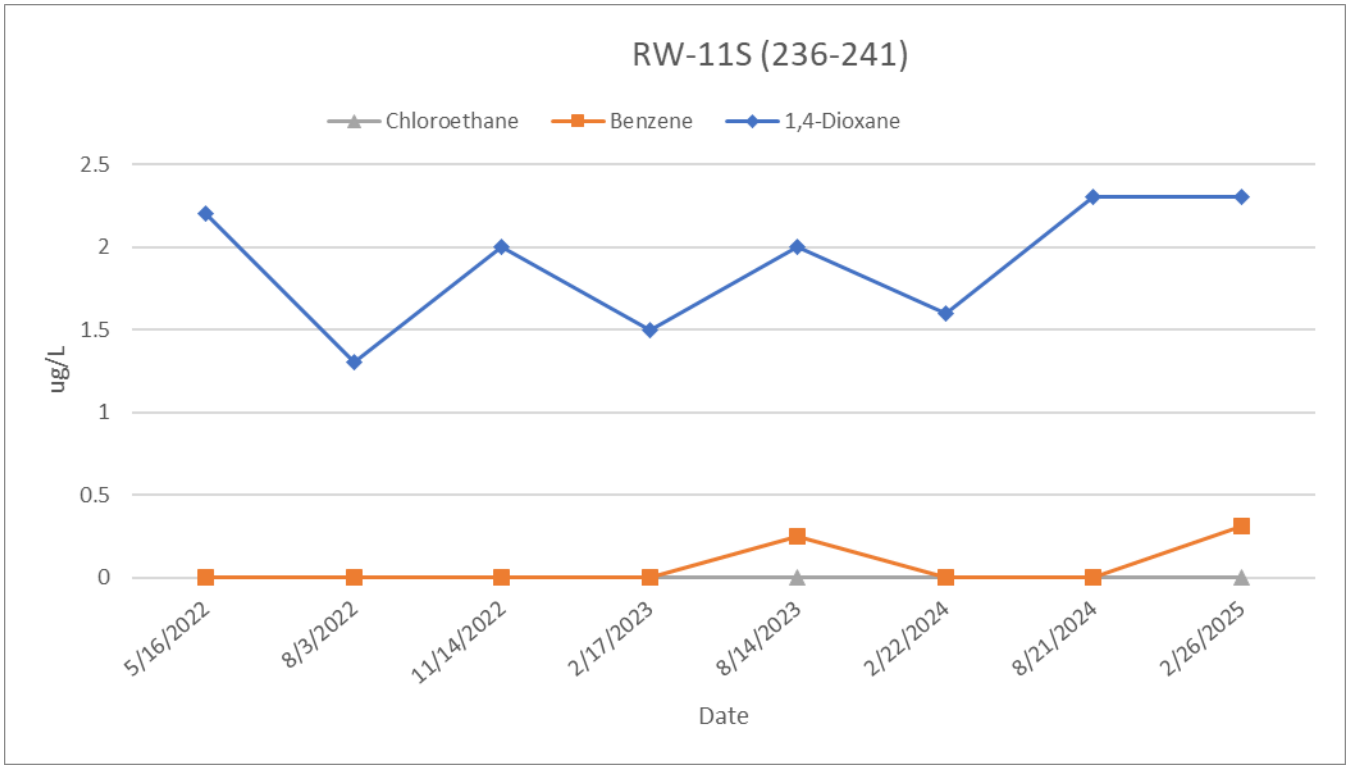


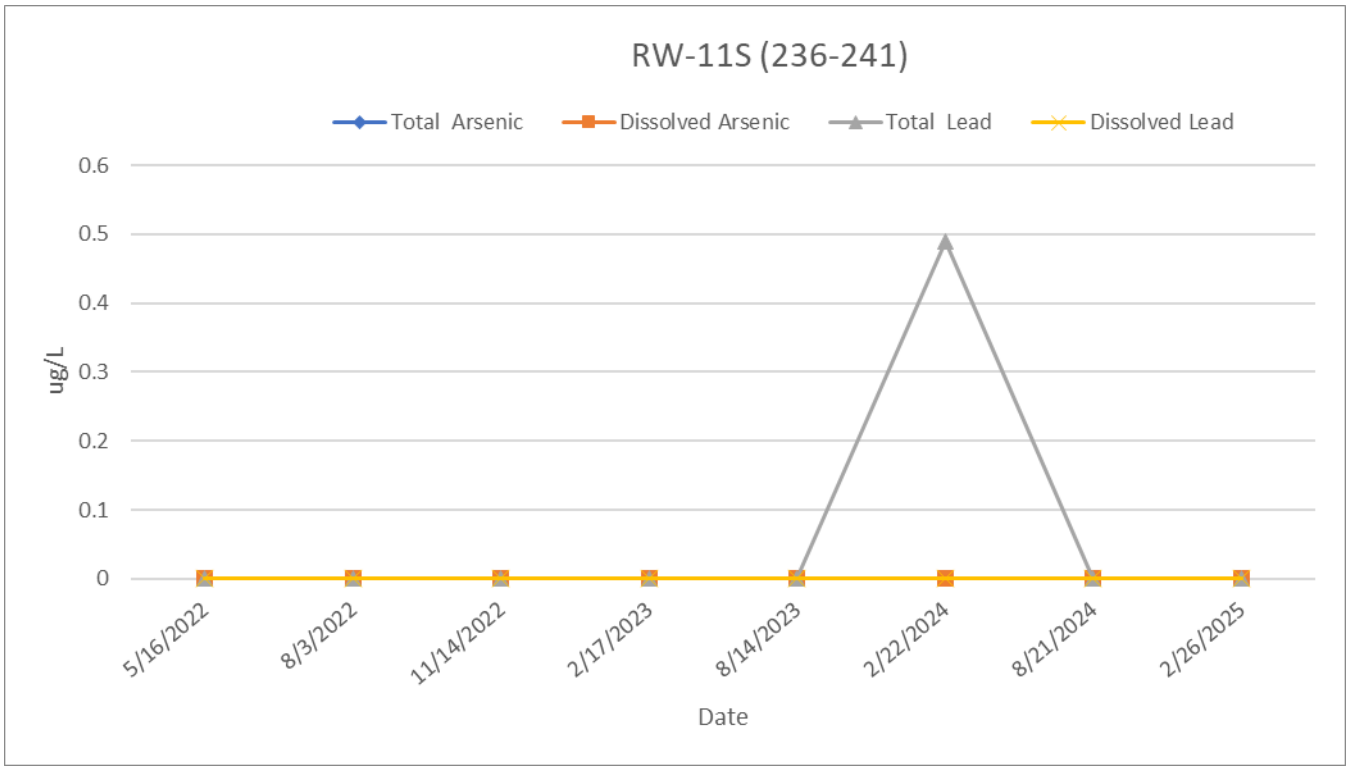


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for PMP Bedrock Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 3)

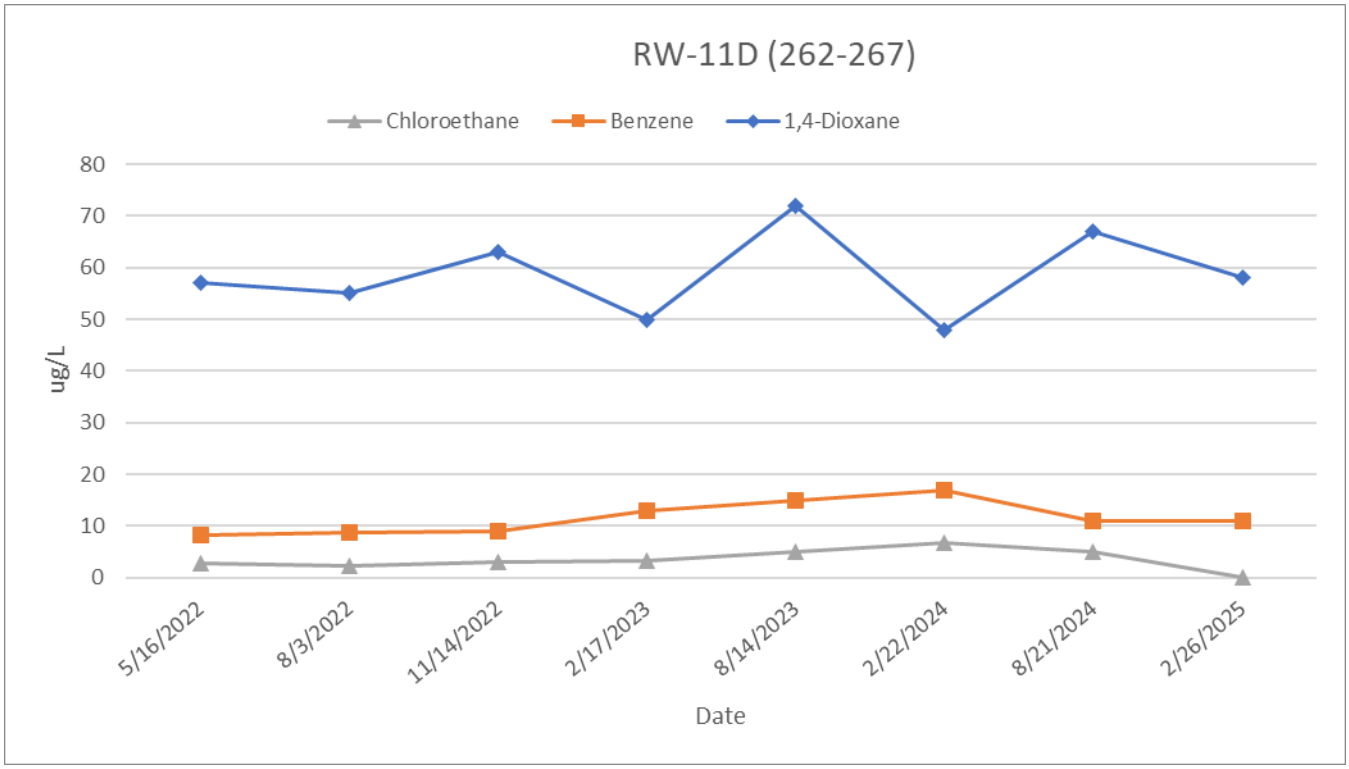


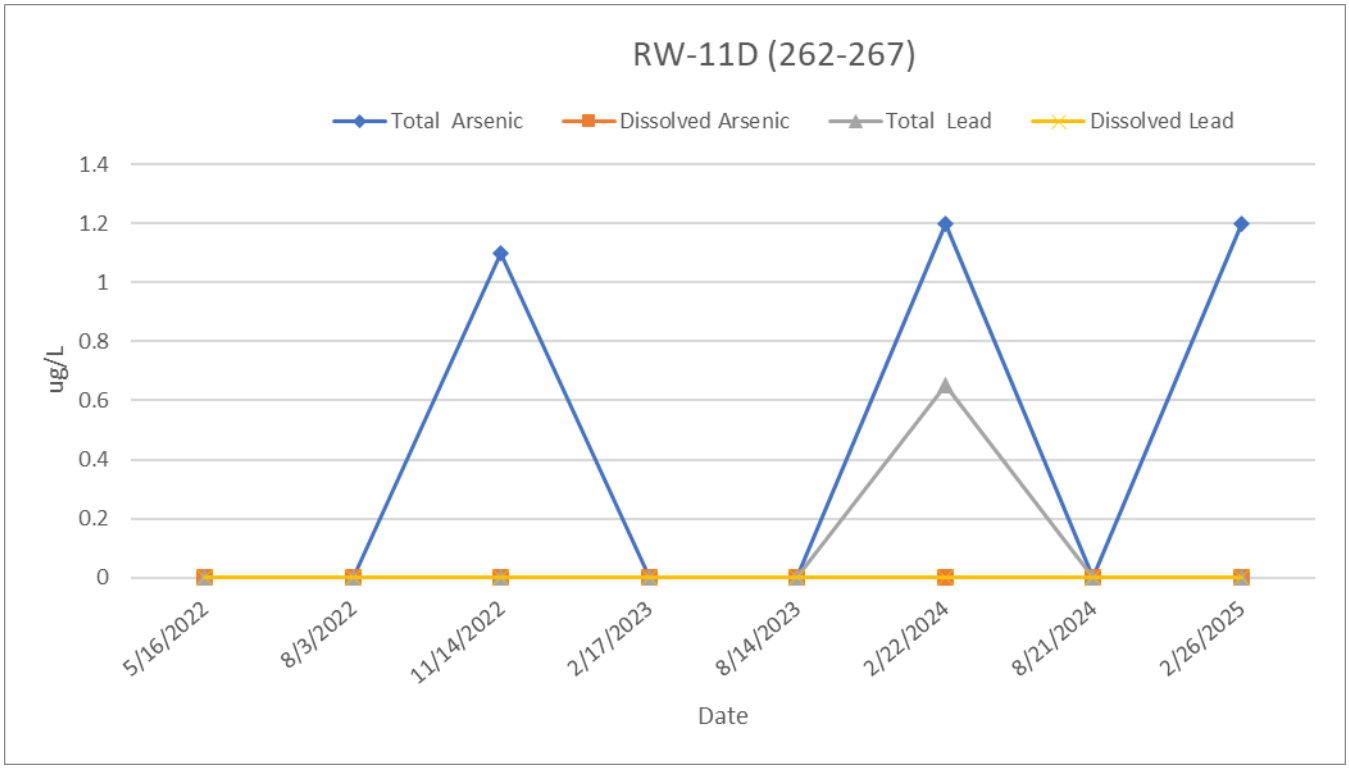


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for PMP Bedrock Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 3)

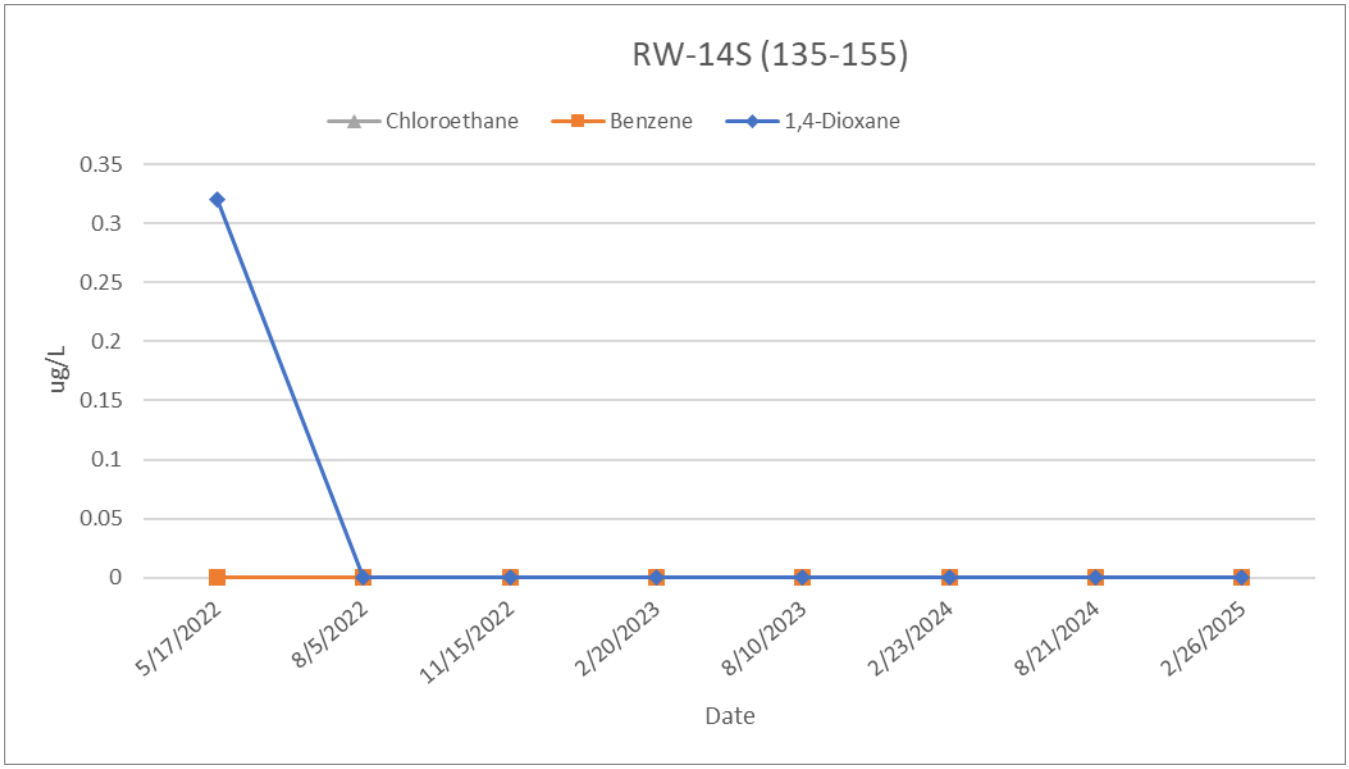


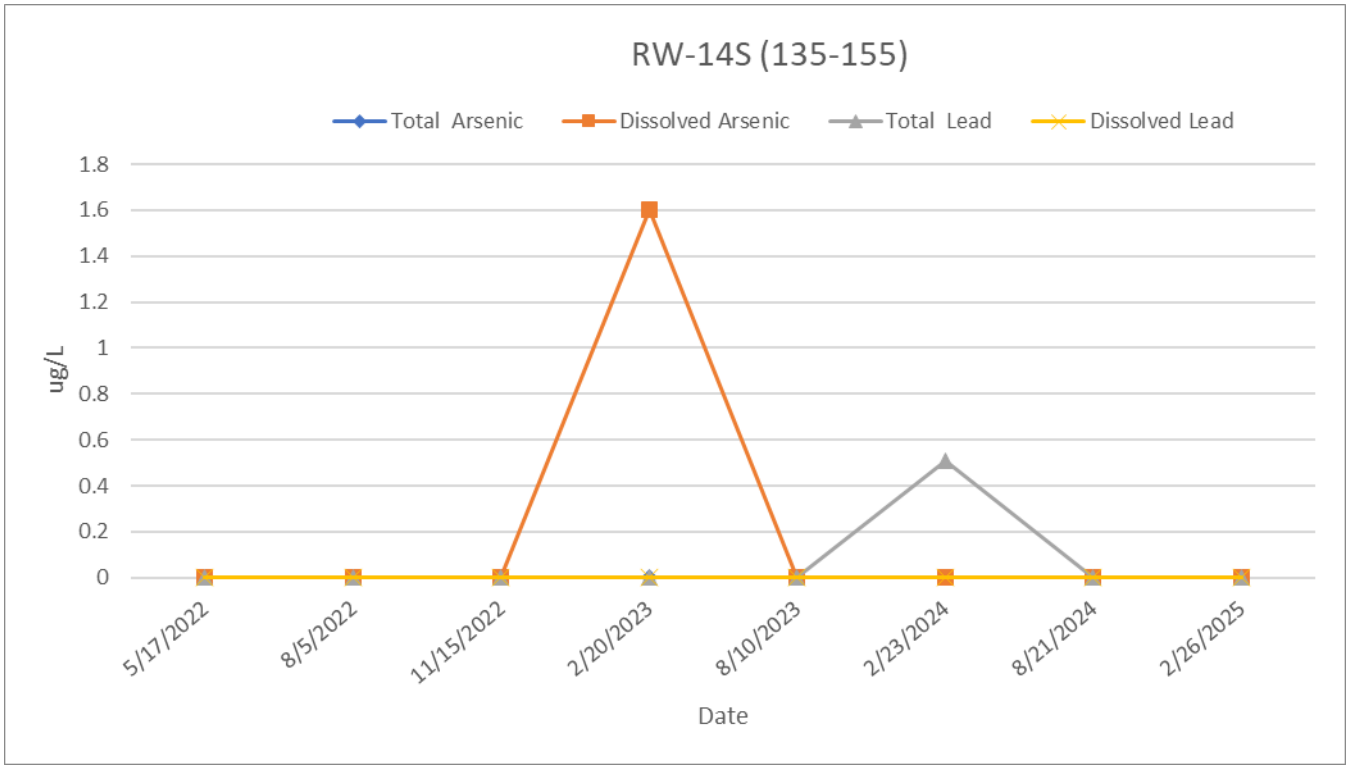


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for PMP Bedrock Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 3)

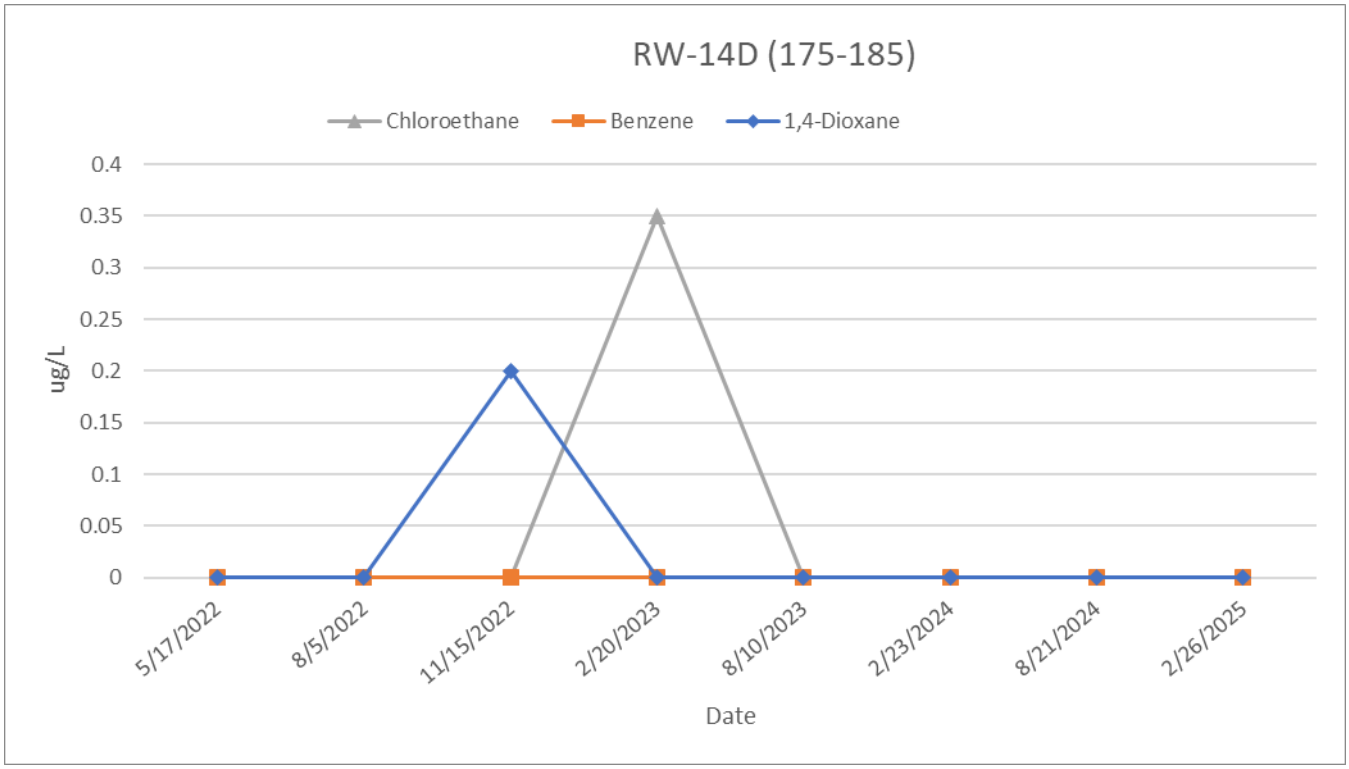


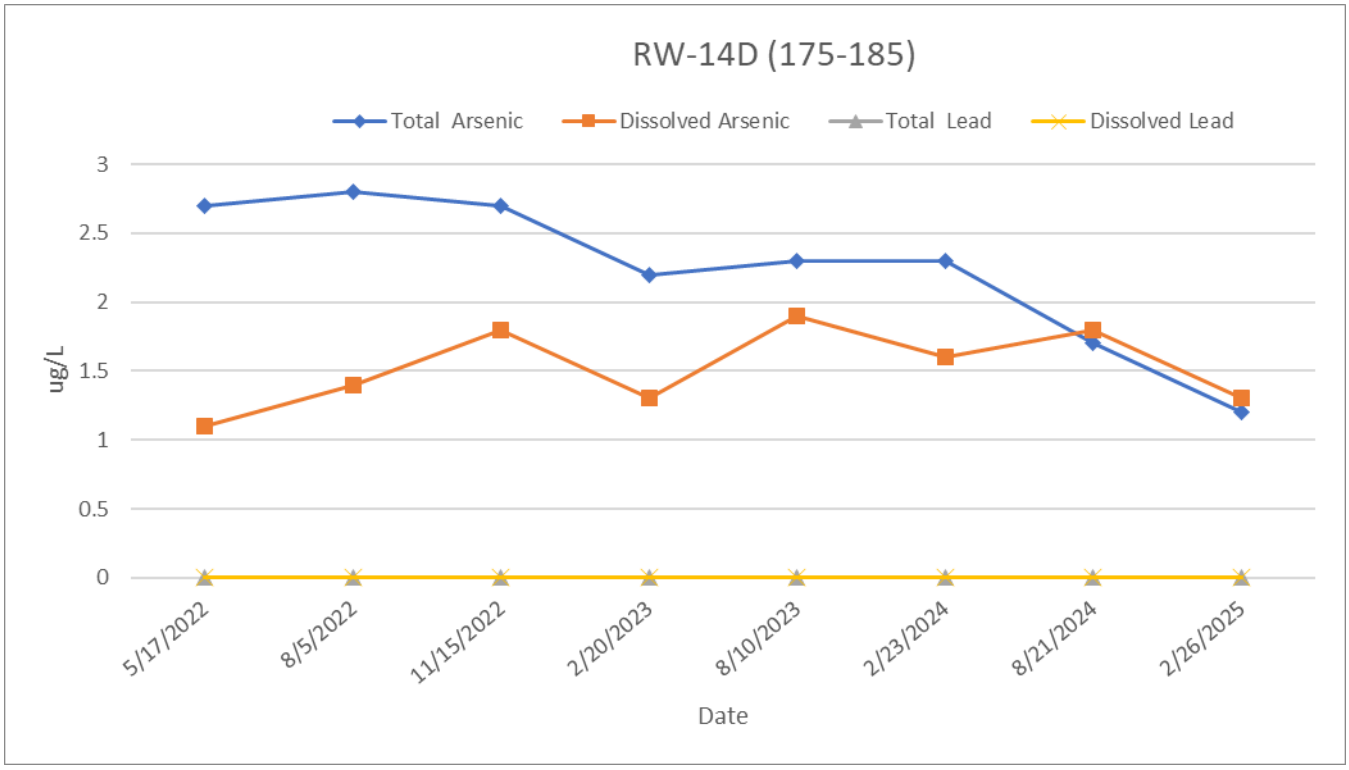


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for PMP Bedrock Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 3)

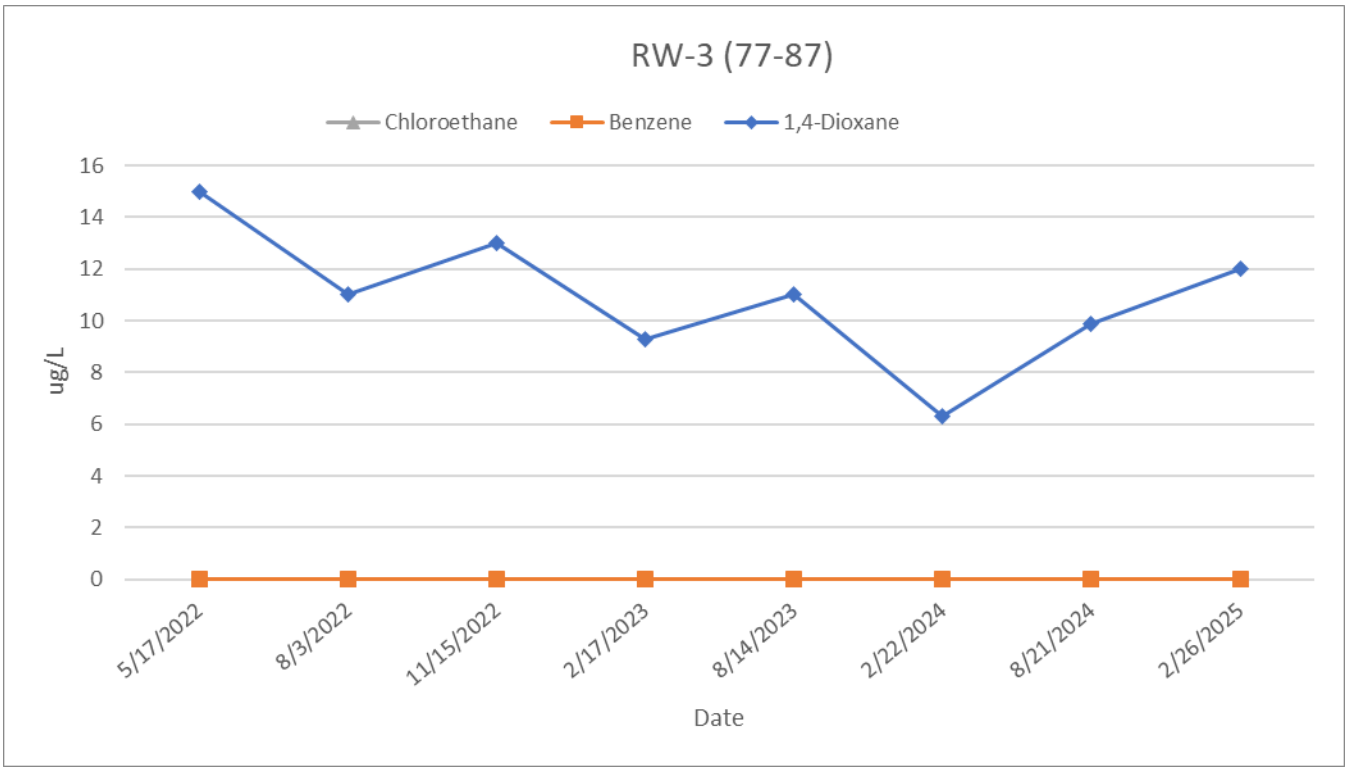


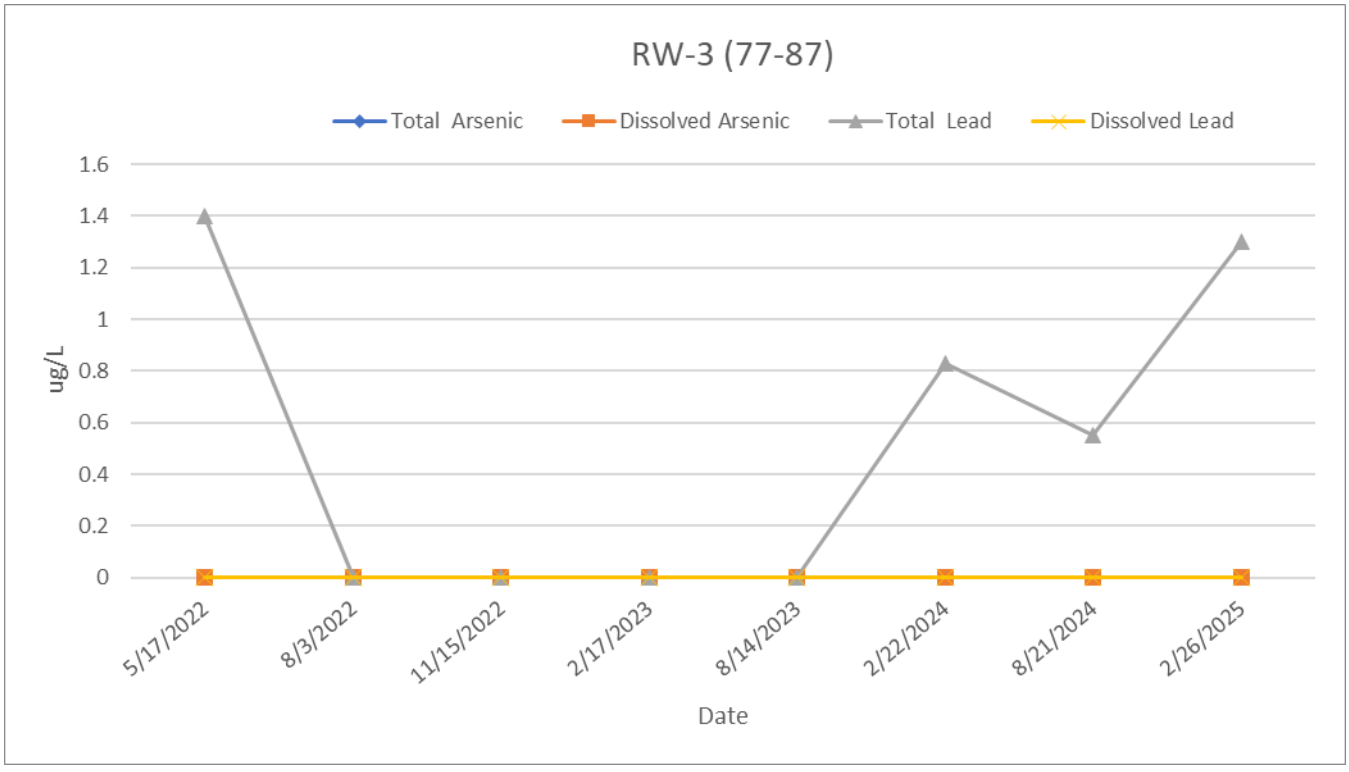


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for PMP Bedrock Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 3)

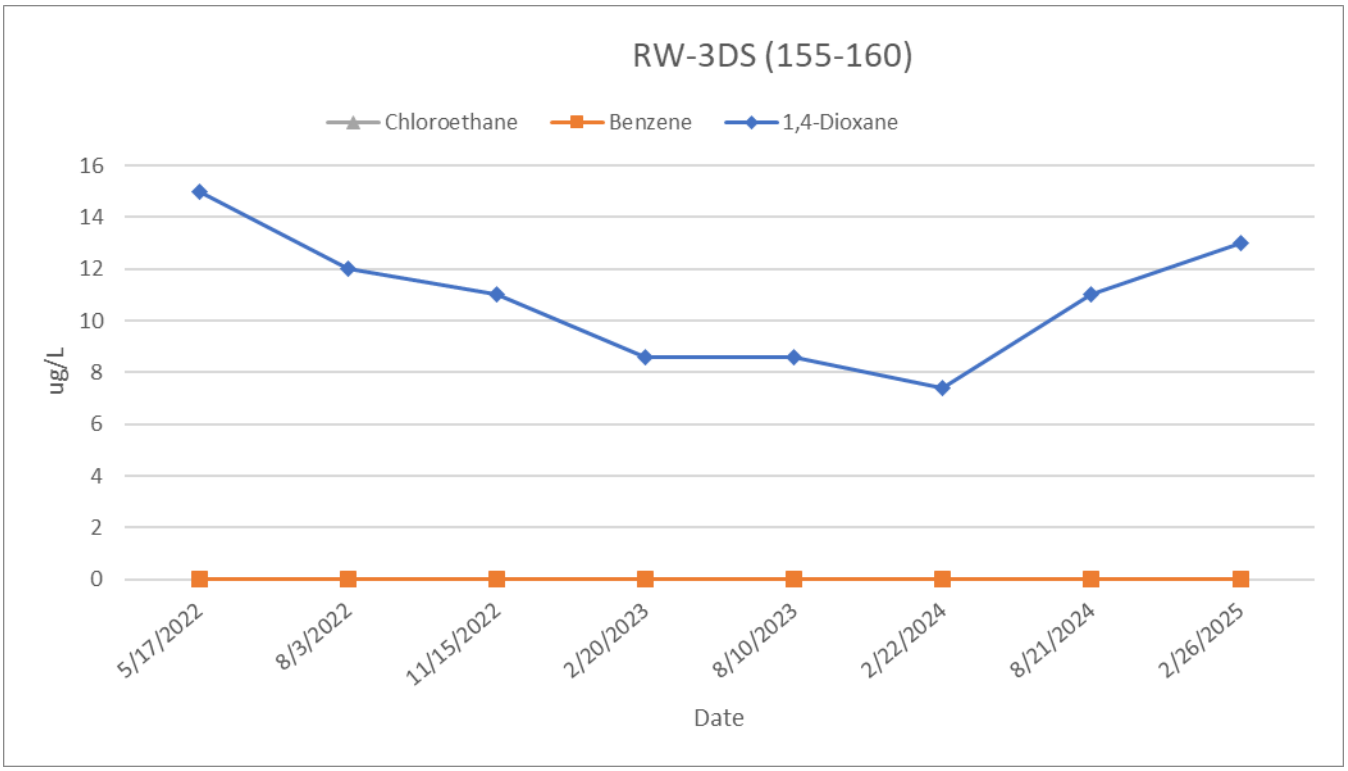


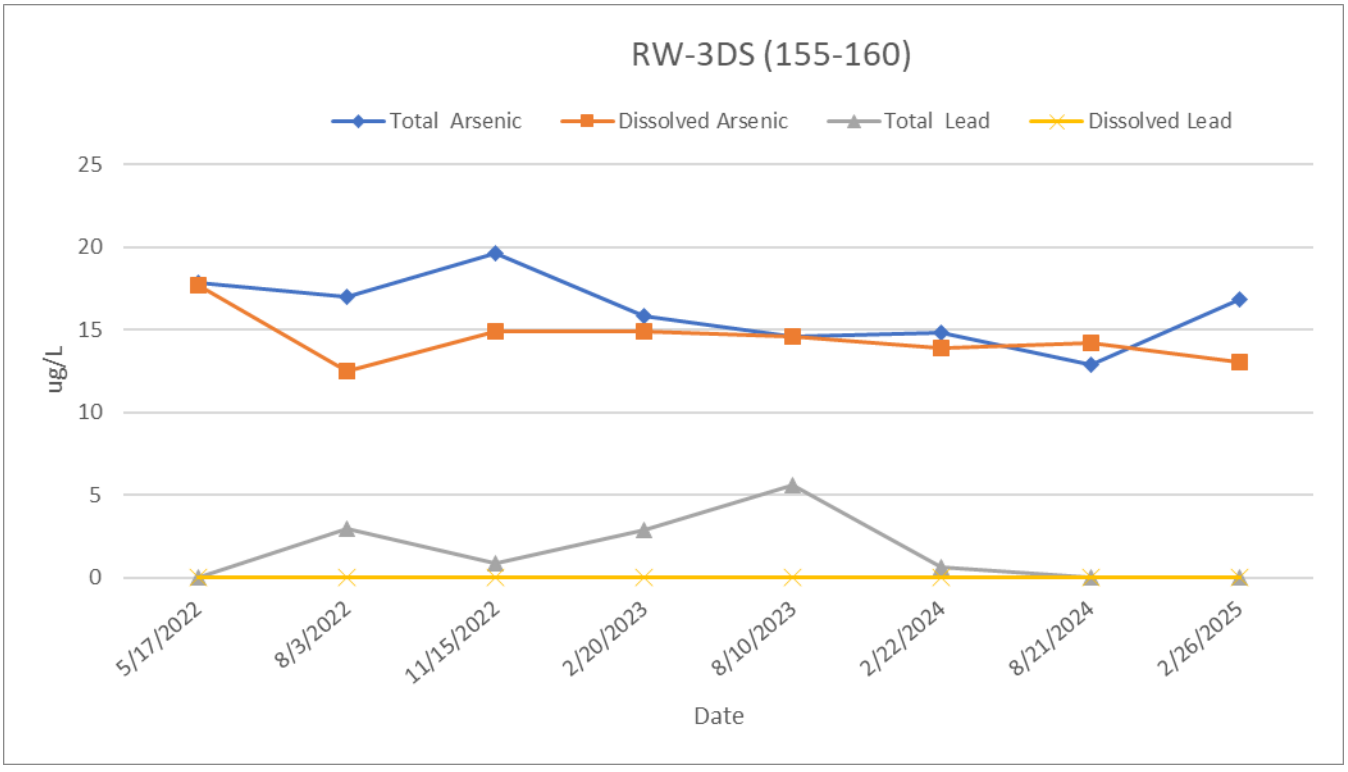


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for PMP Bedrock Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 3)

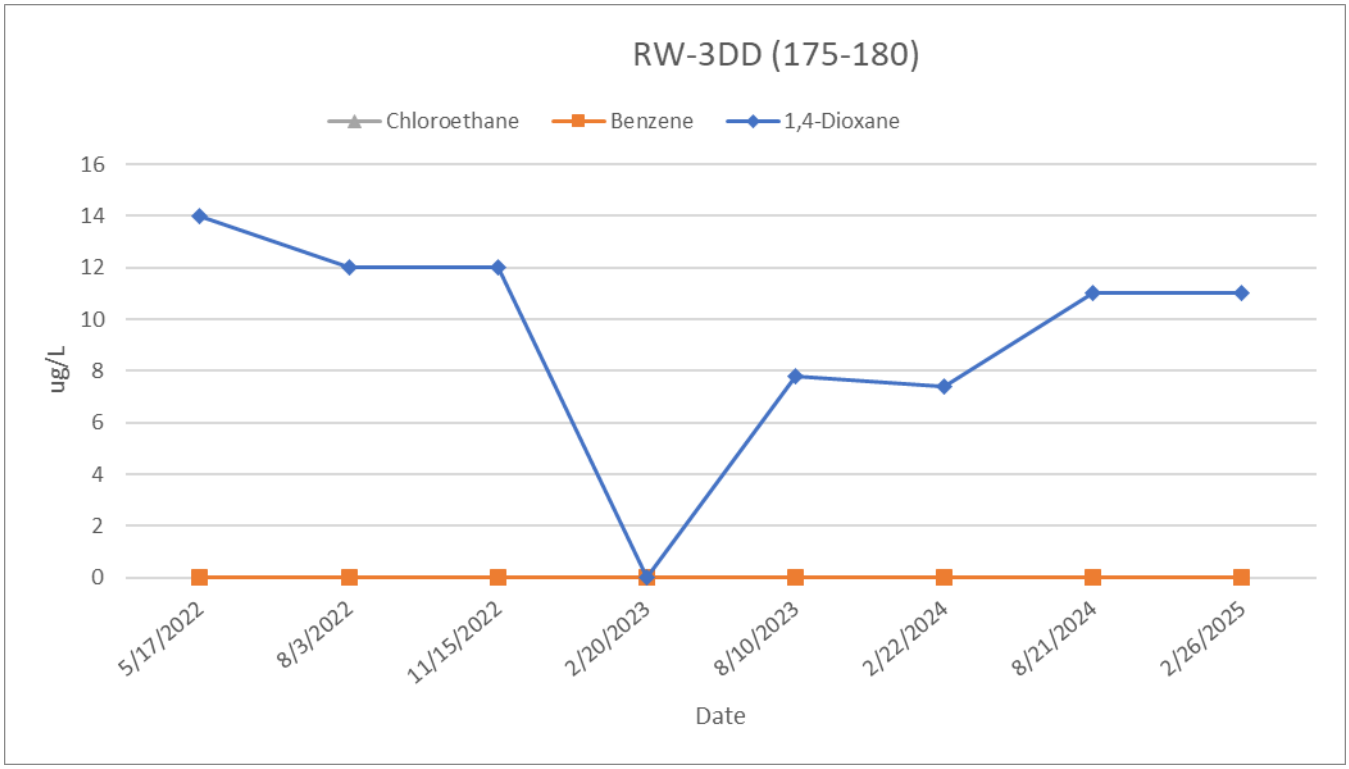


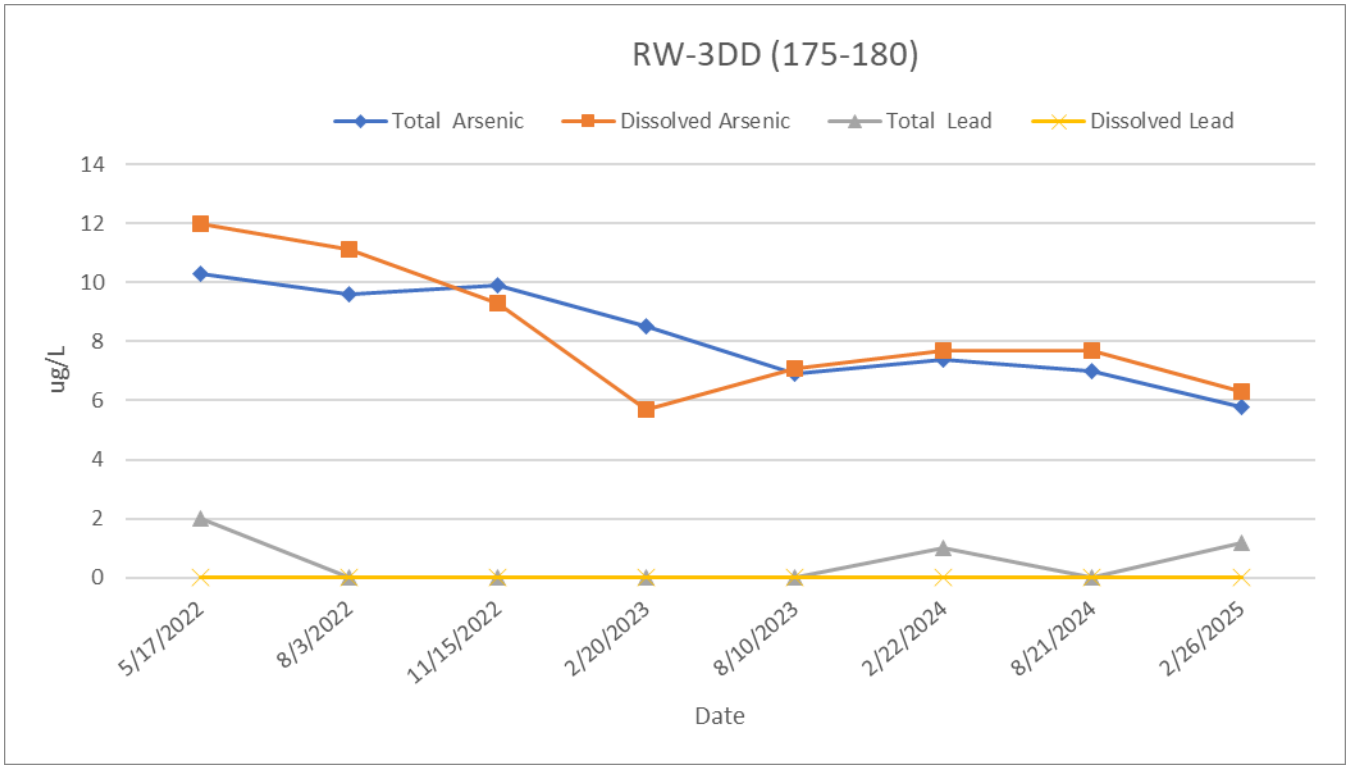


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for PMP Bedrock Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 3)

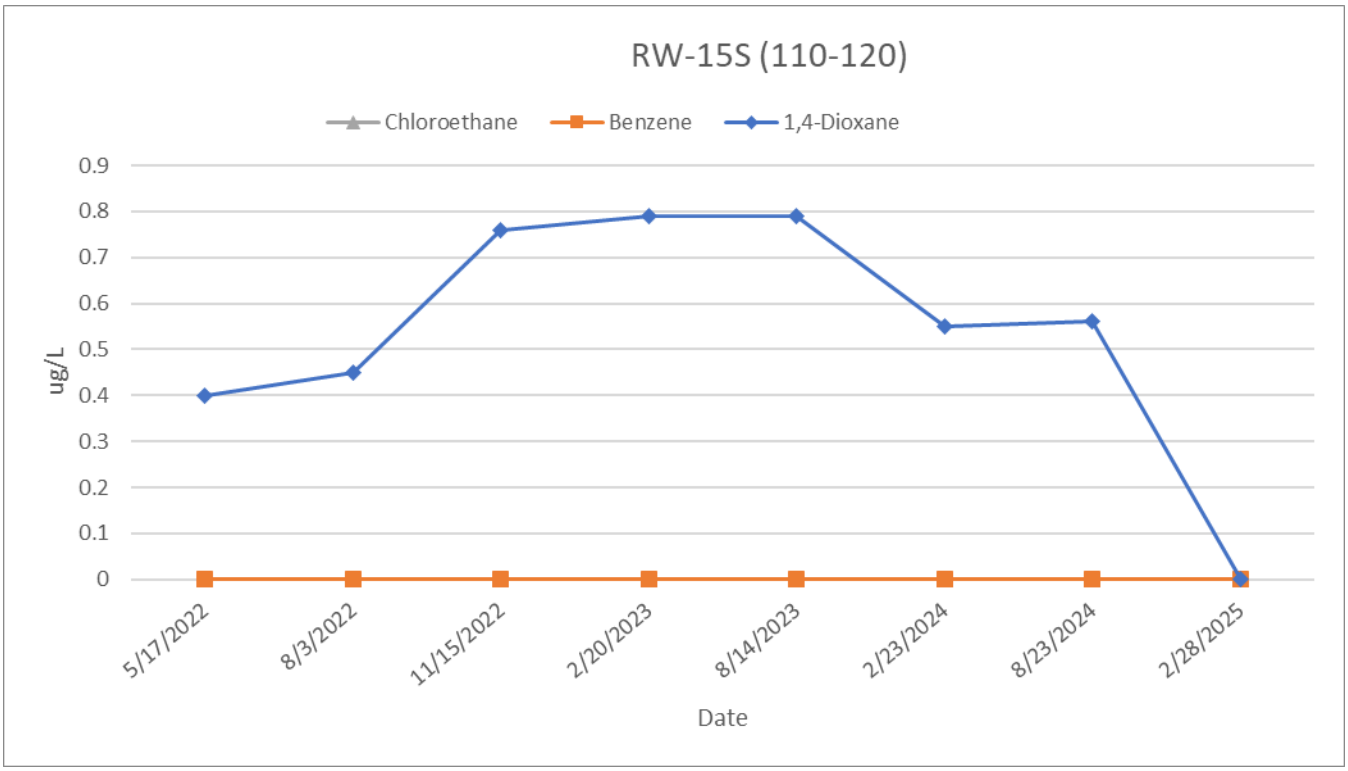


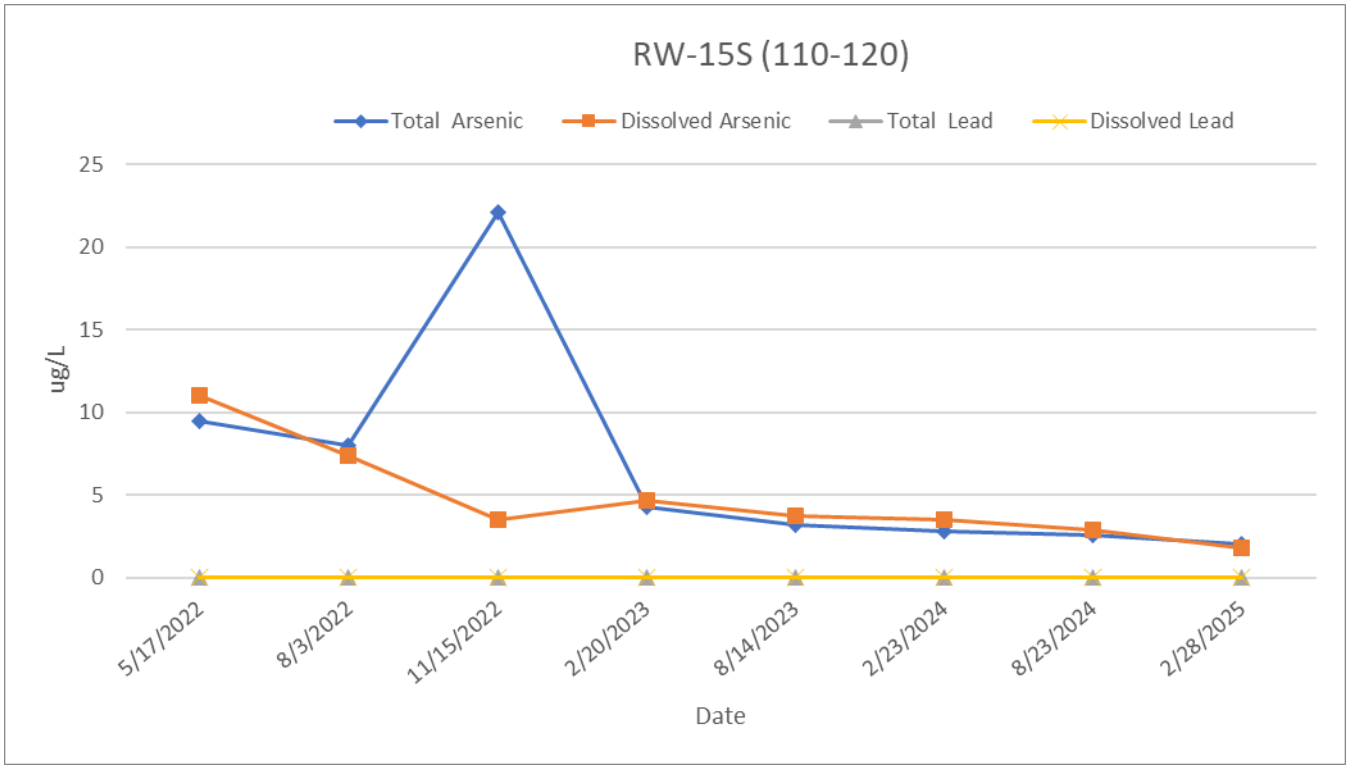


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for PMP Bedrock Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 3)

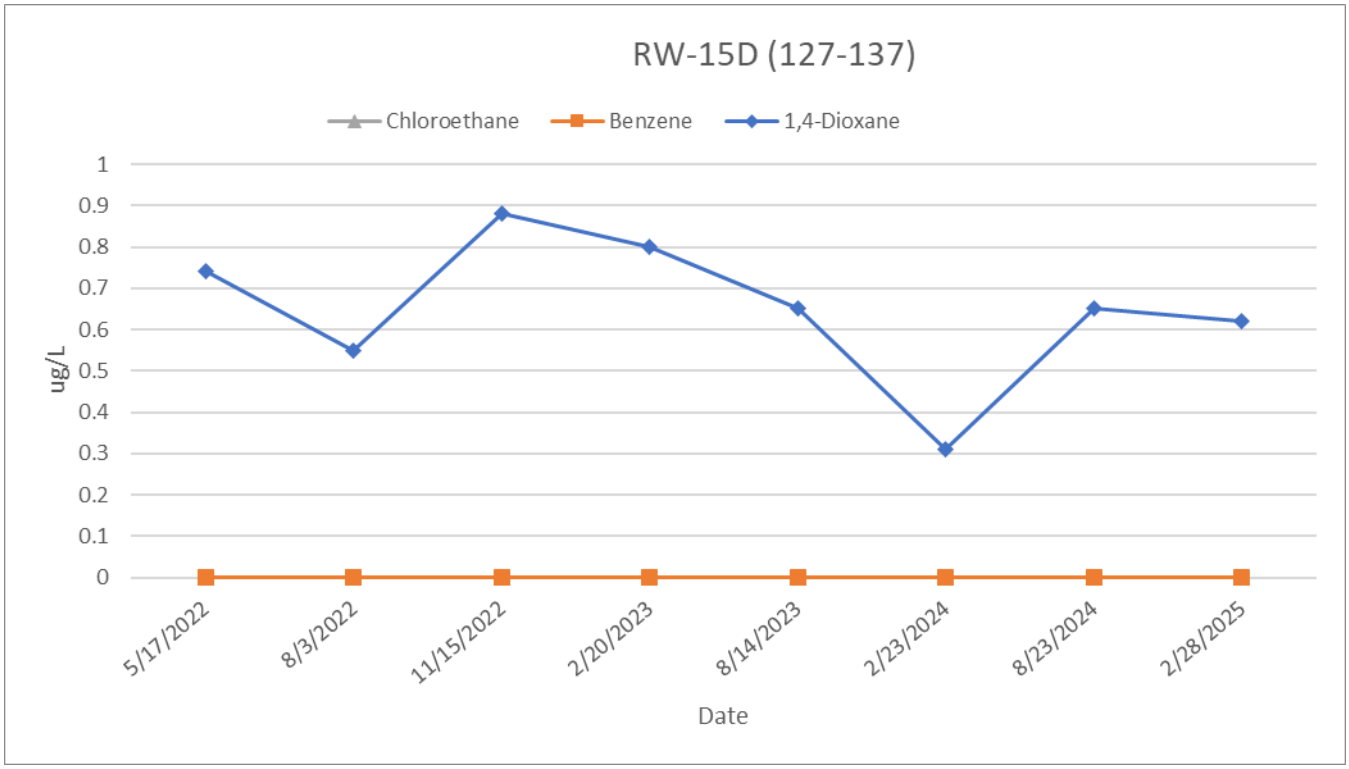


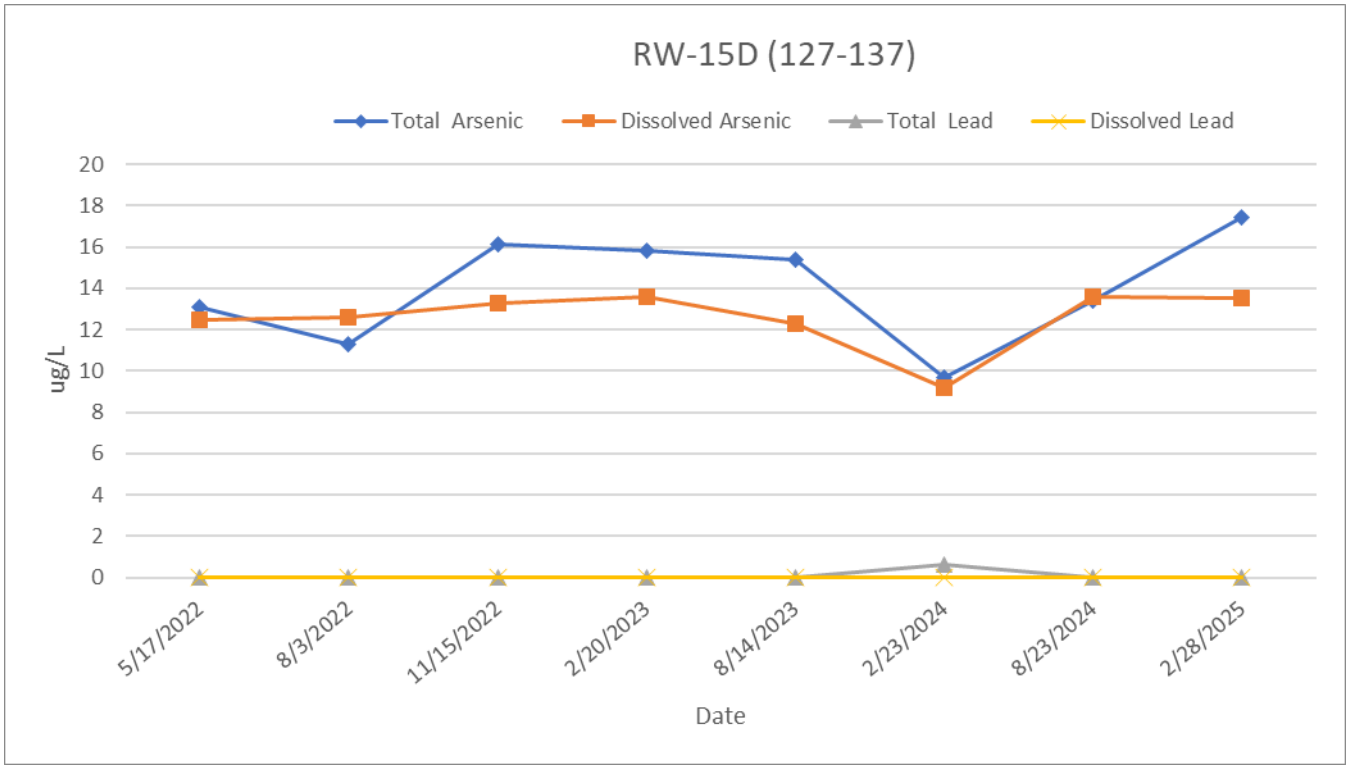


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for PMP Bedrock Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 3)

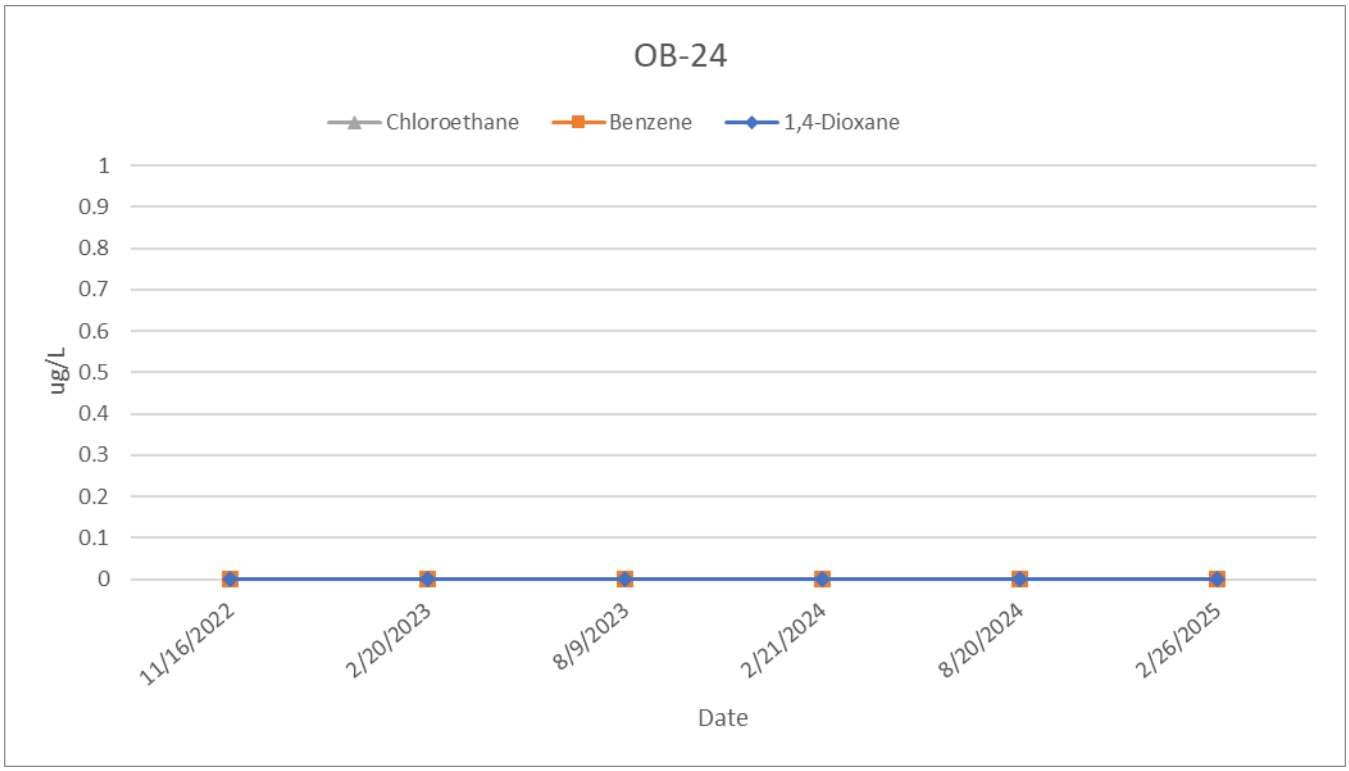


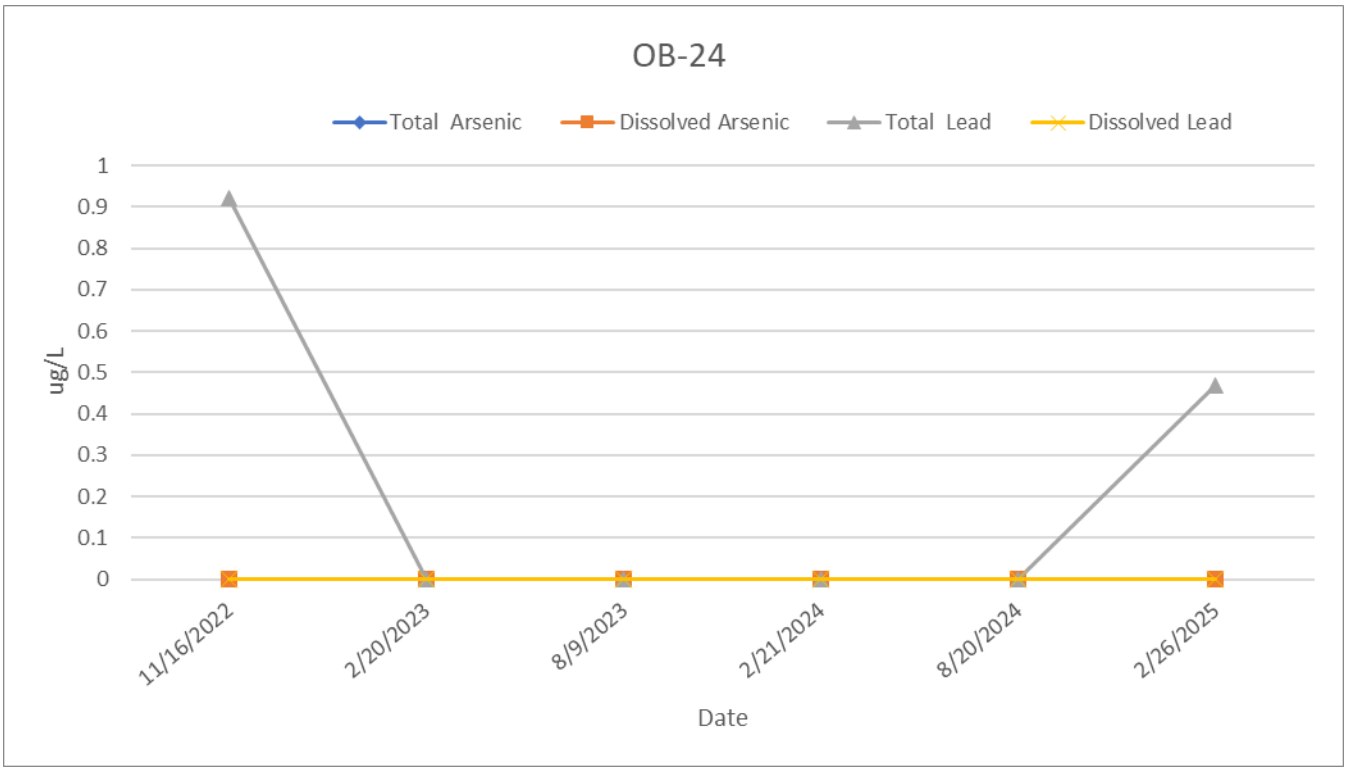


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for OCDA Overburden Wells

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 4)

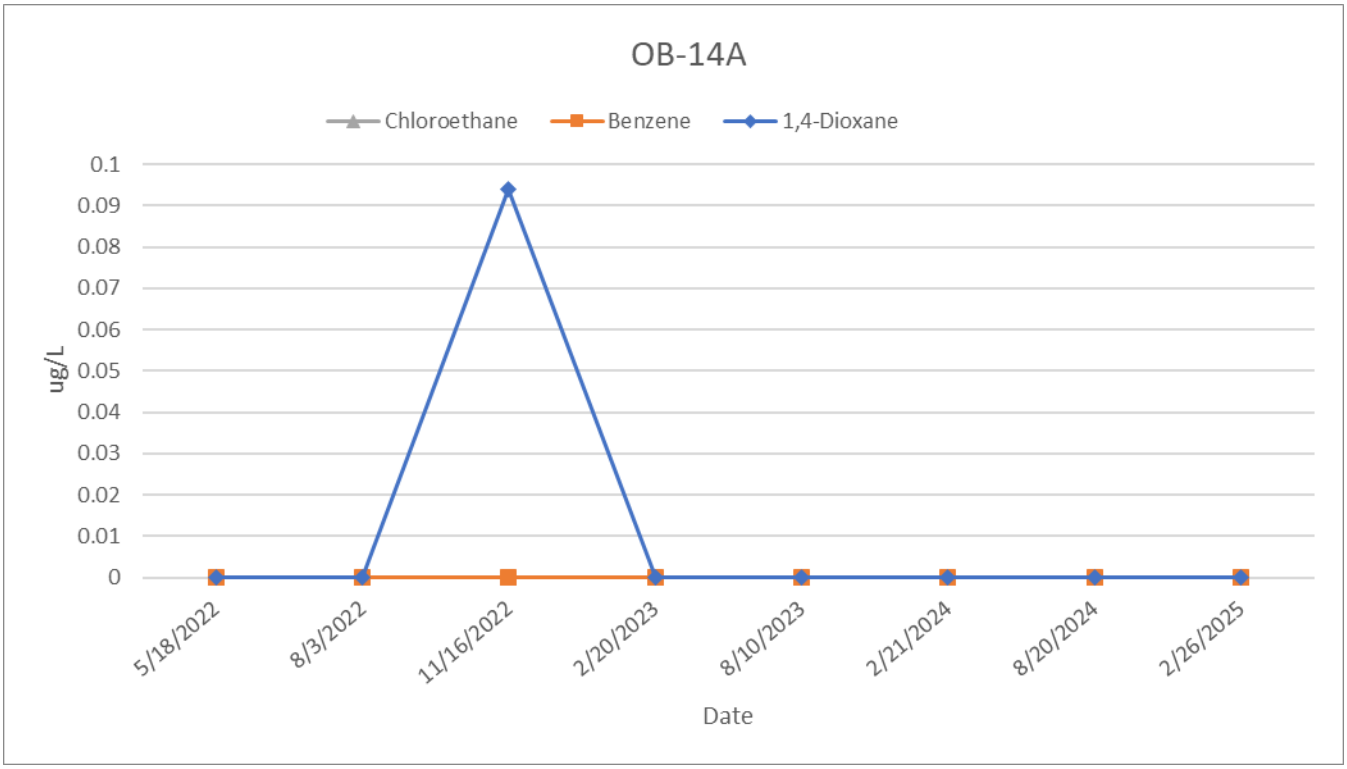


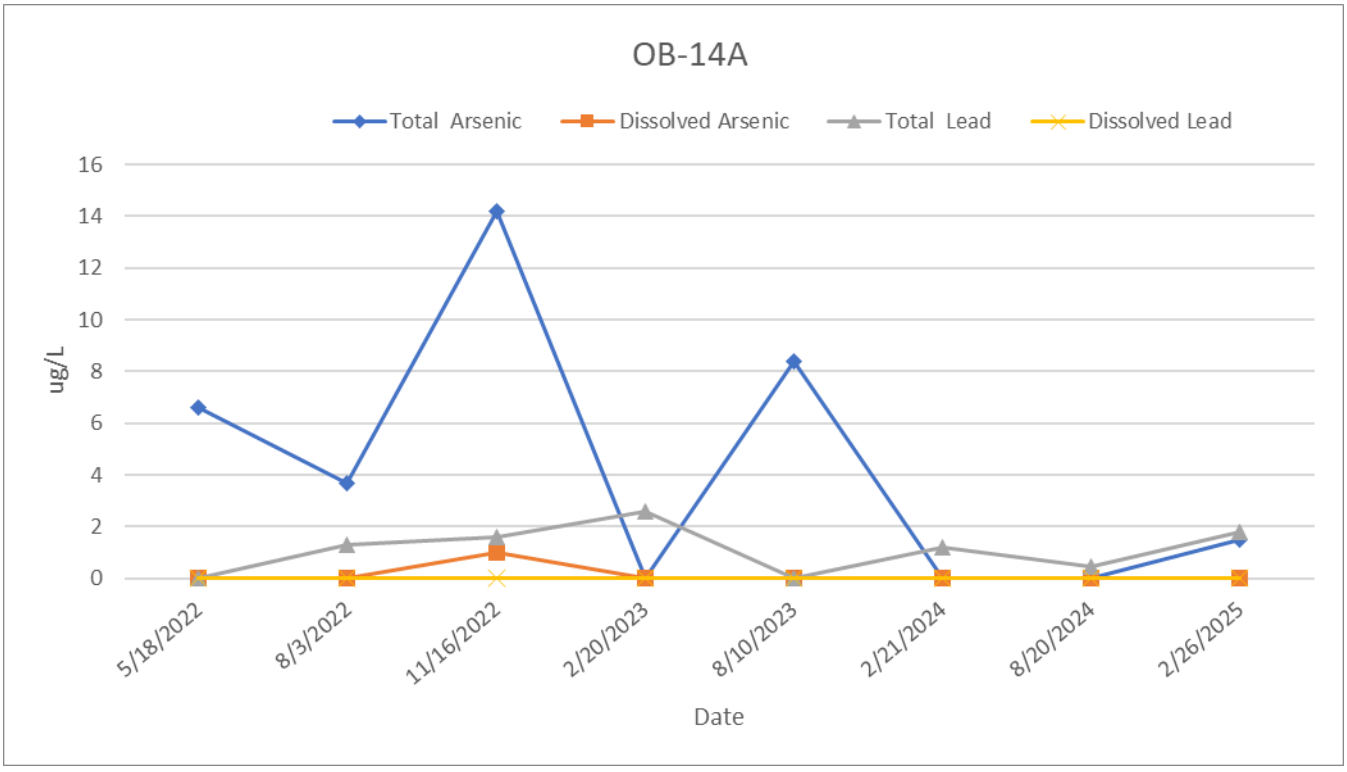


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for OCDA Overburden Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 4)

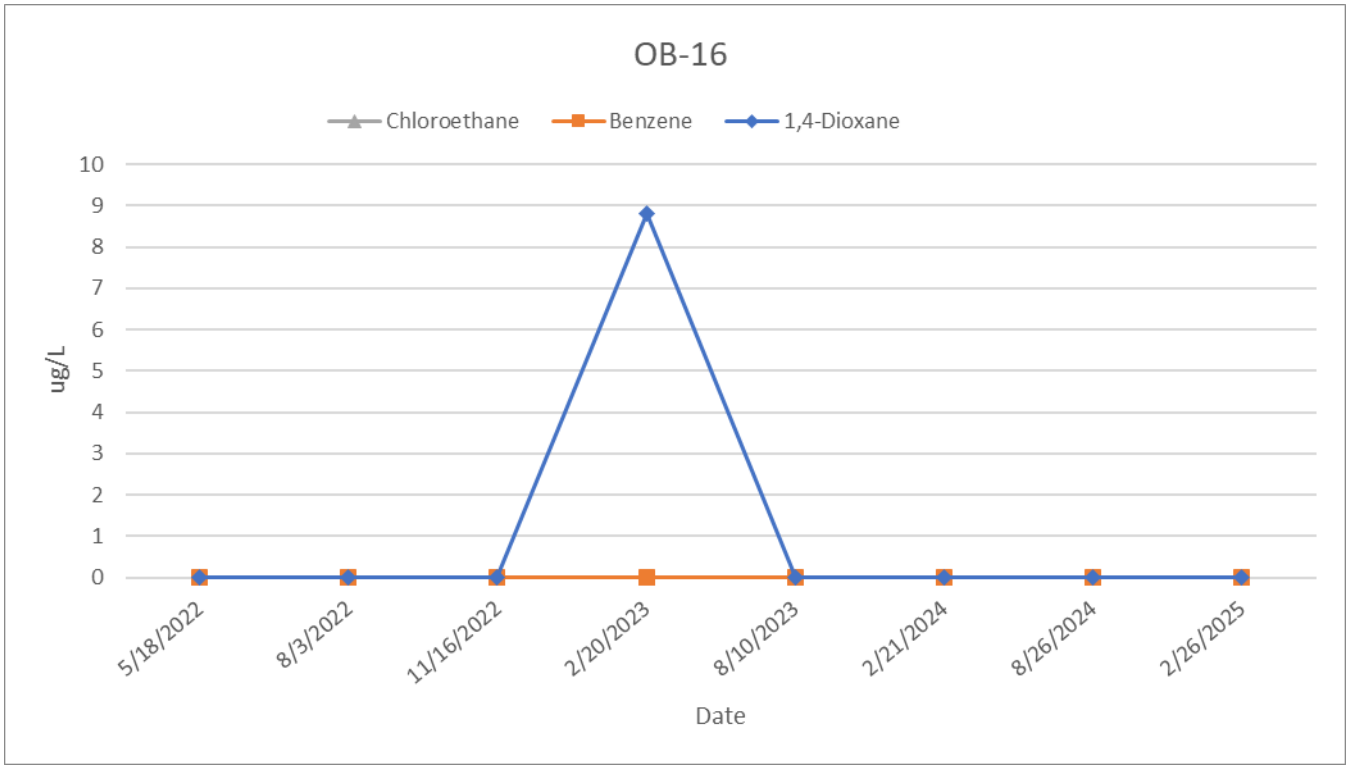


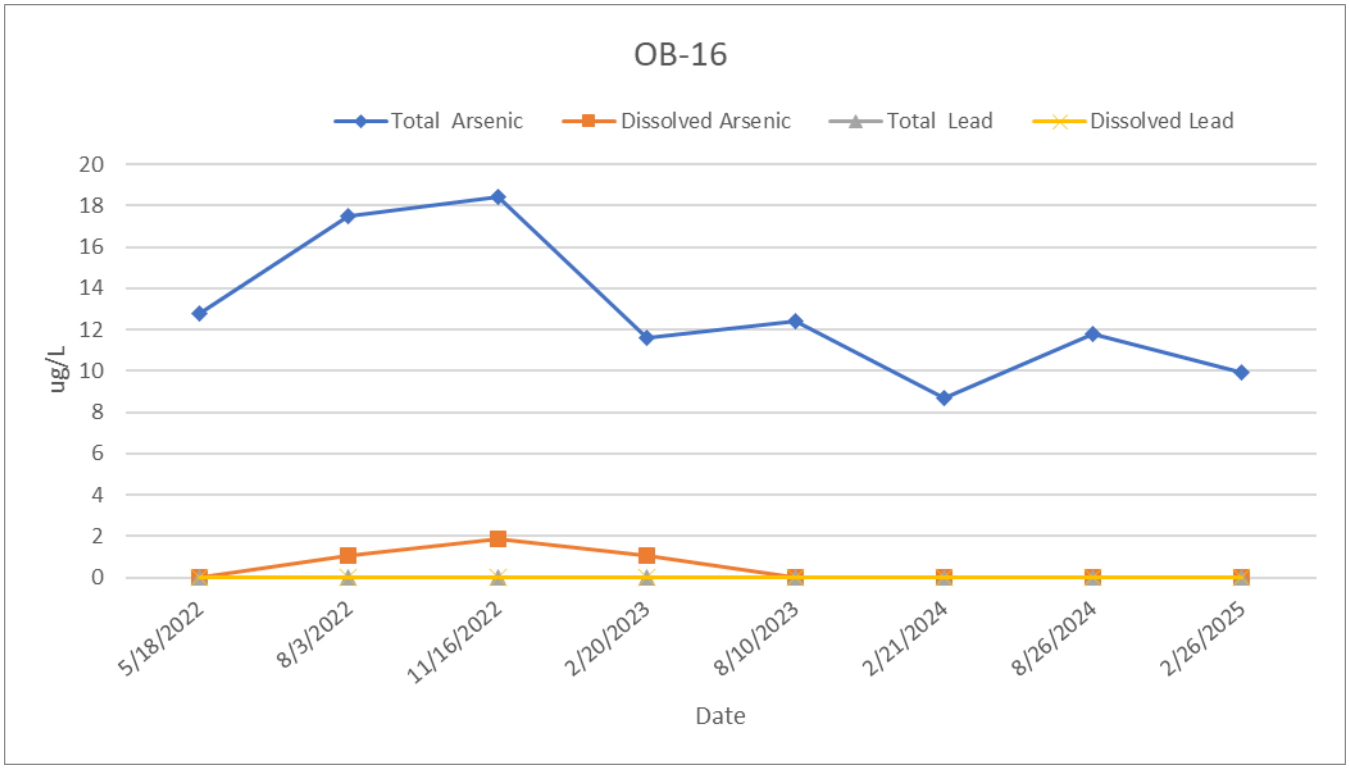


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for OCDA Overburden Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 4)

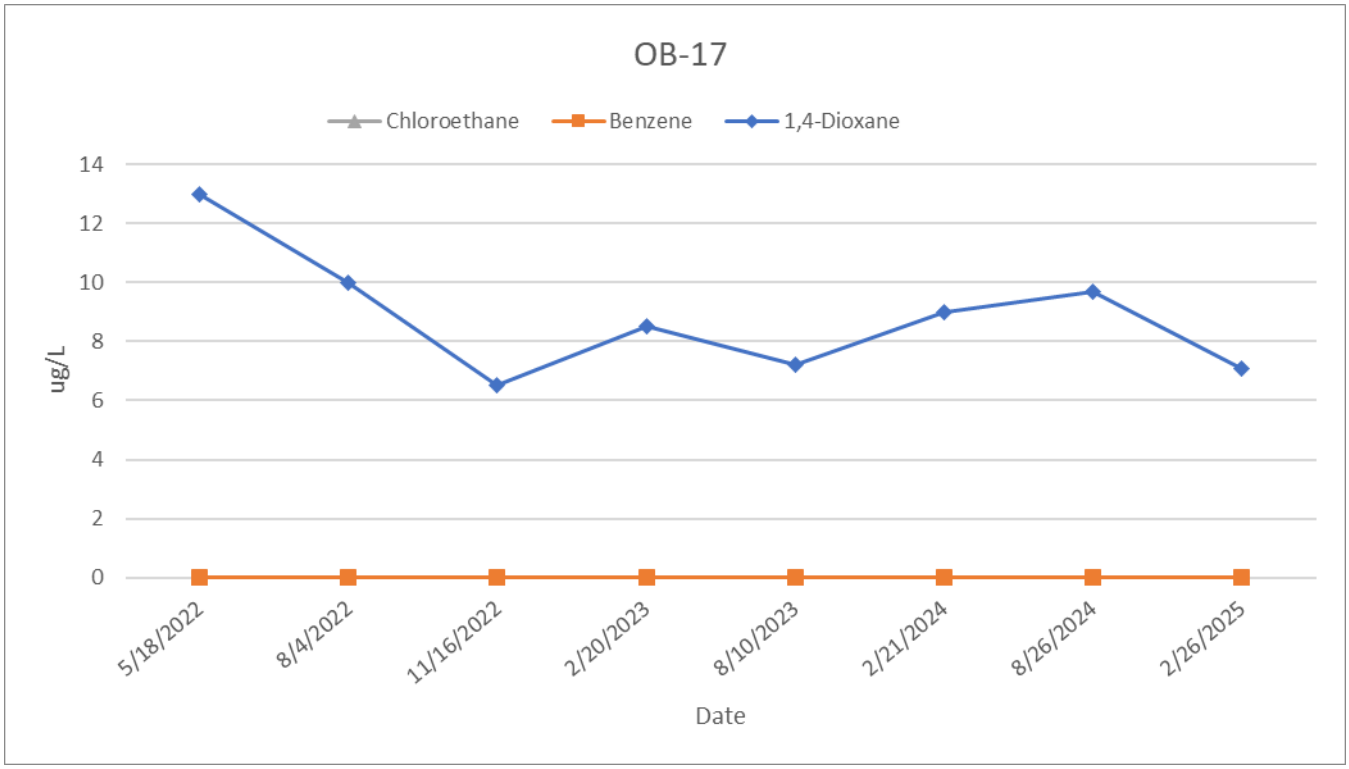


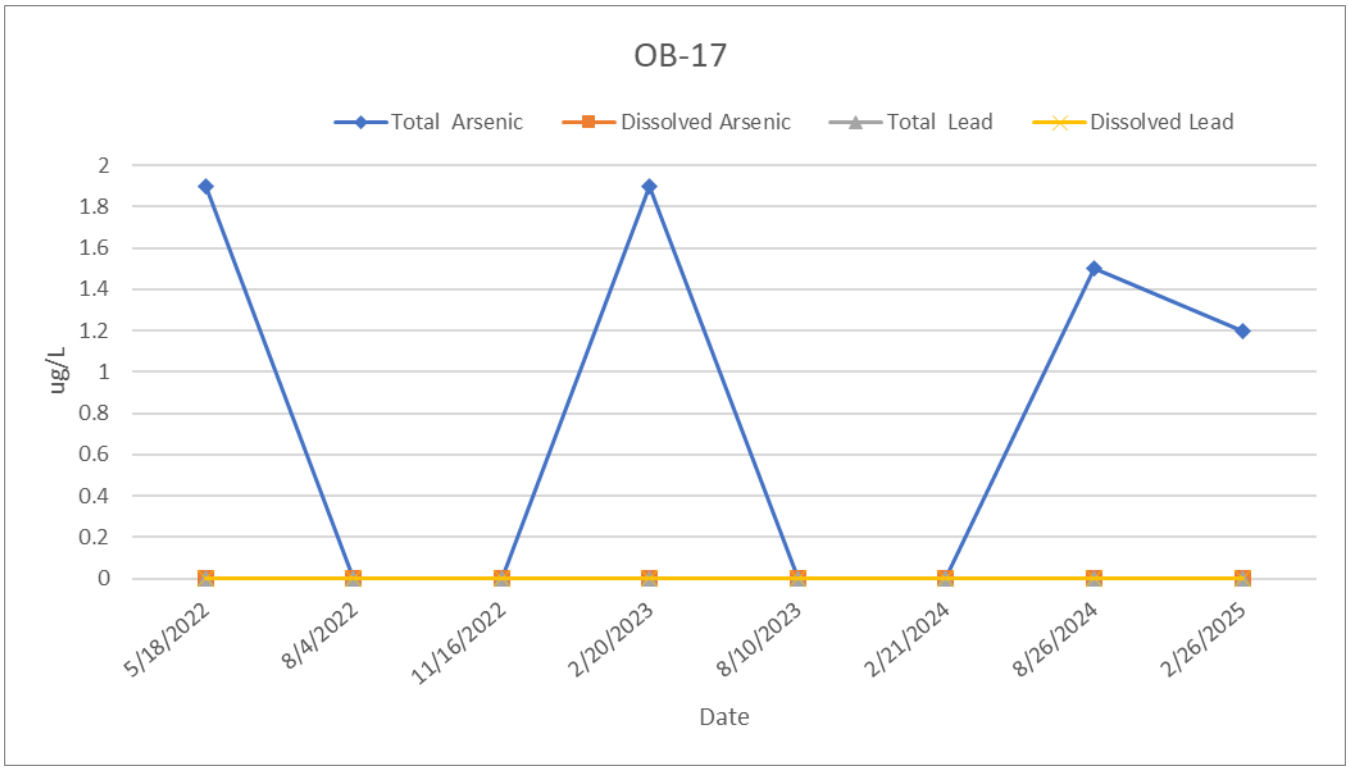


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for OCDA Overburden Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 4)

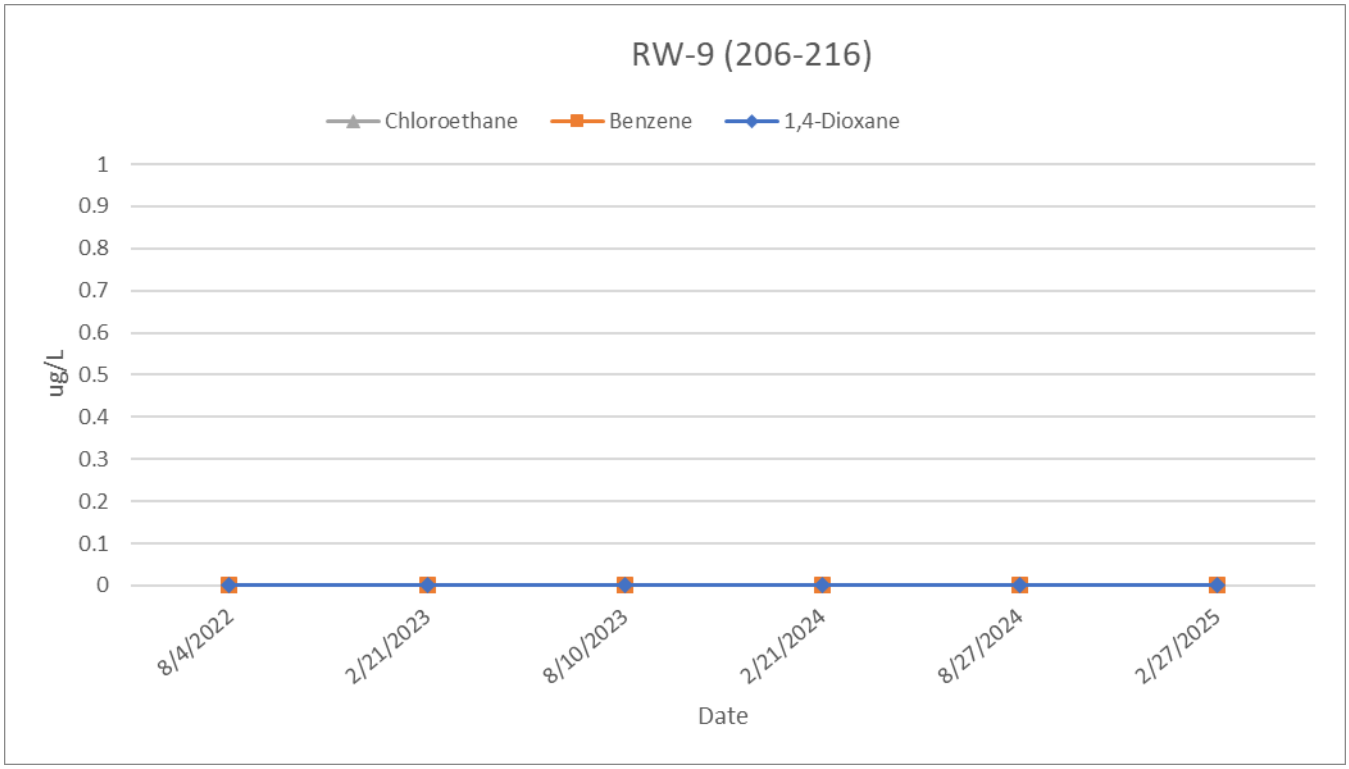


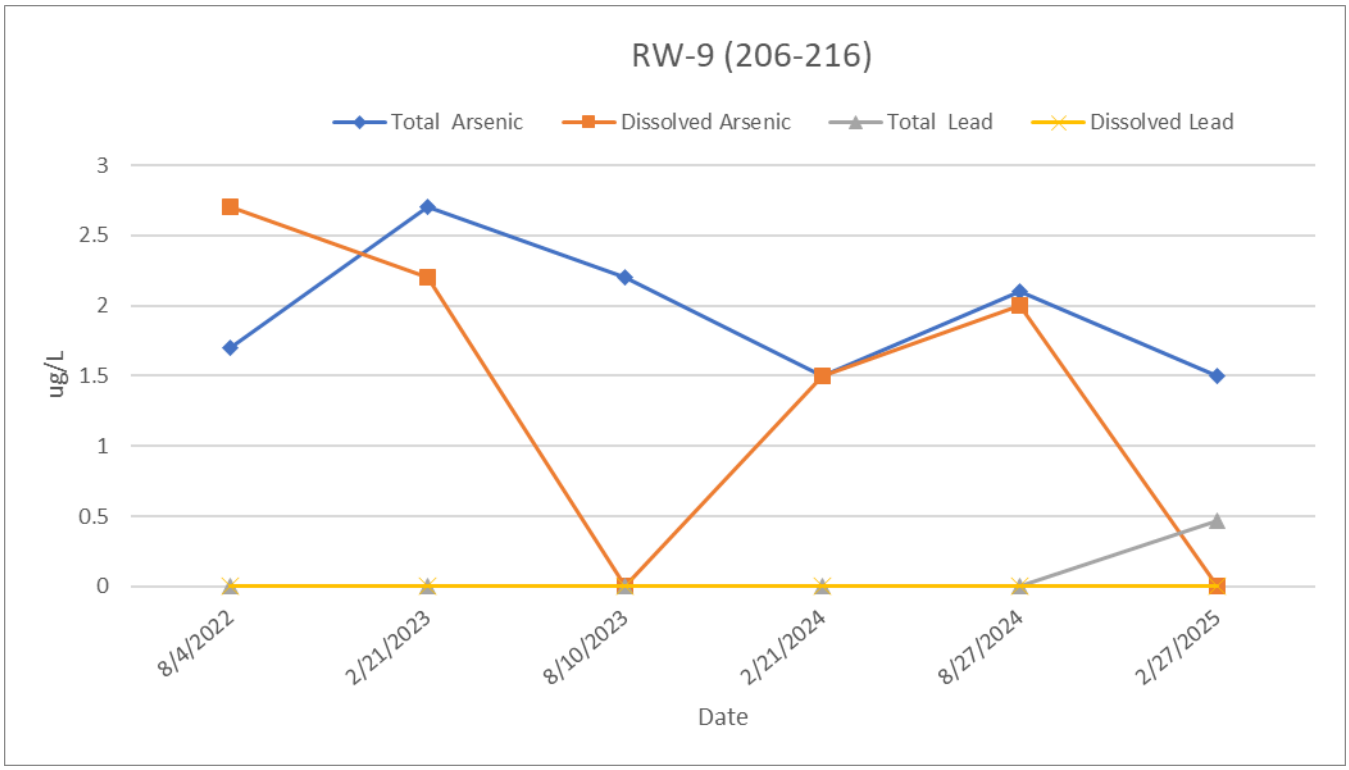


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for CMP Bedrock Wells

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 6)

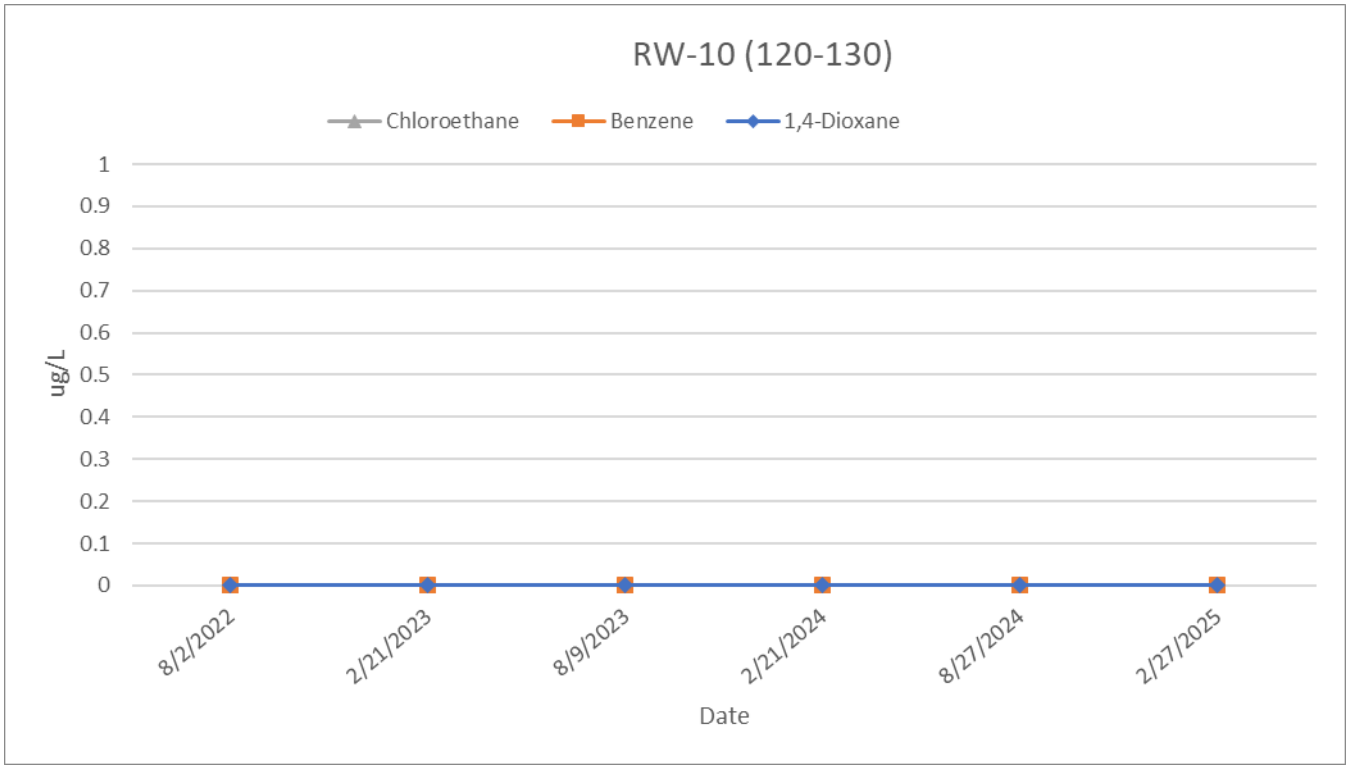


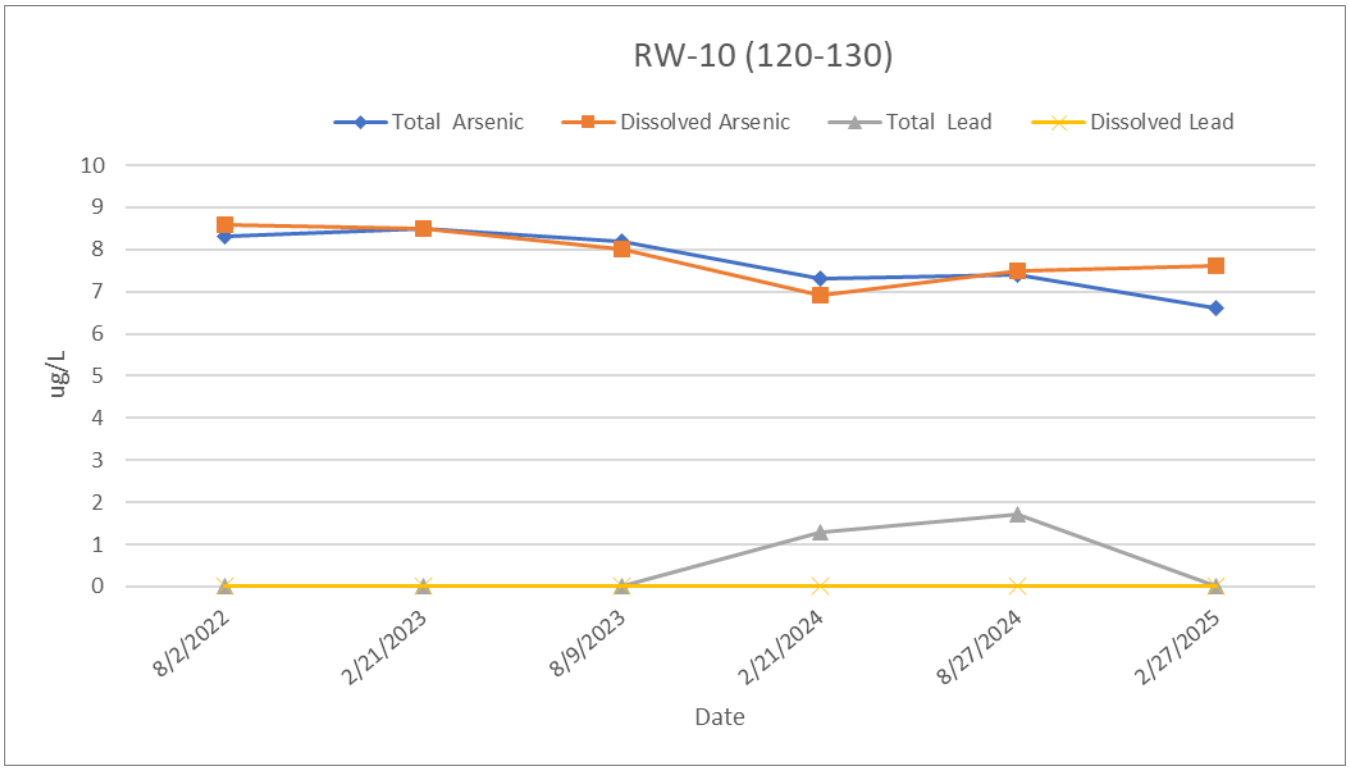


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for CMP Bedrock Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 6)

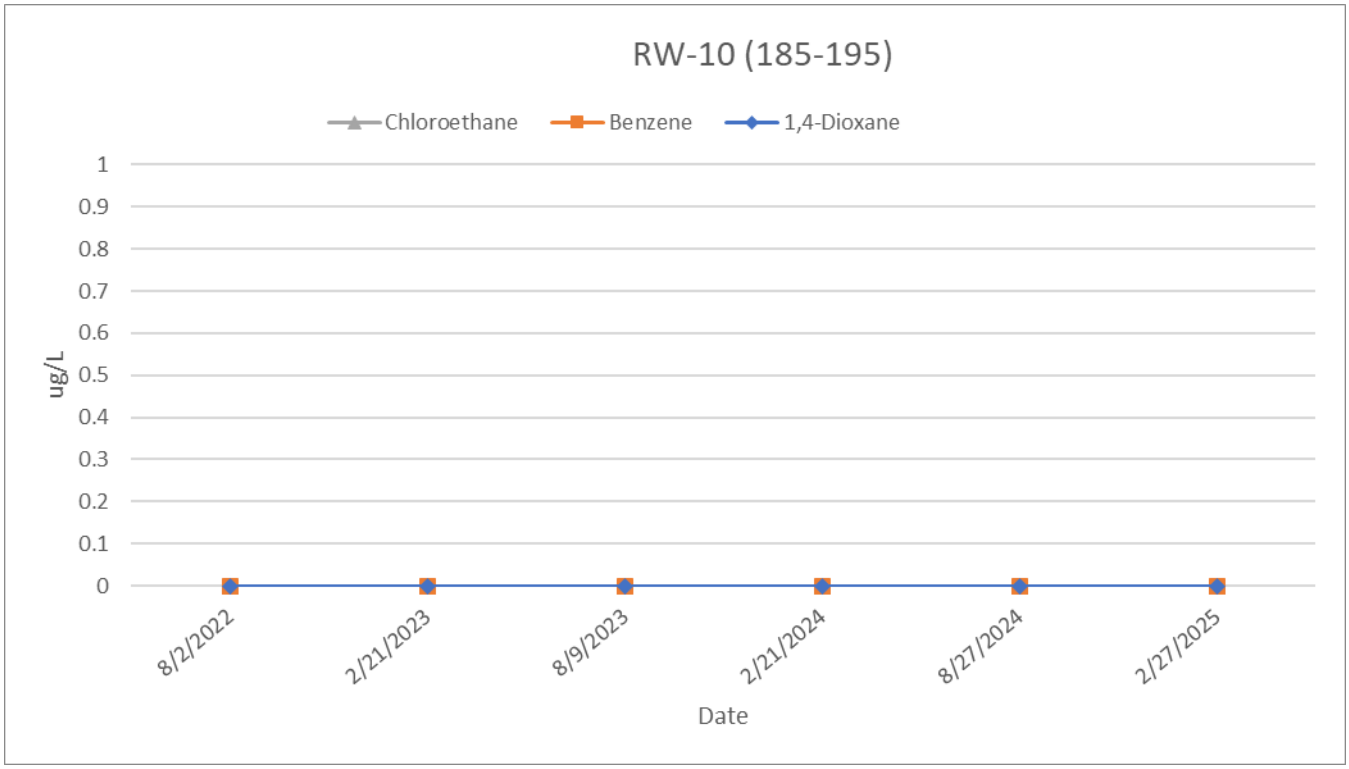


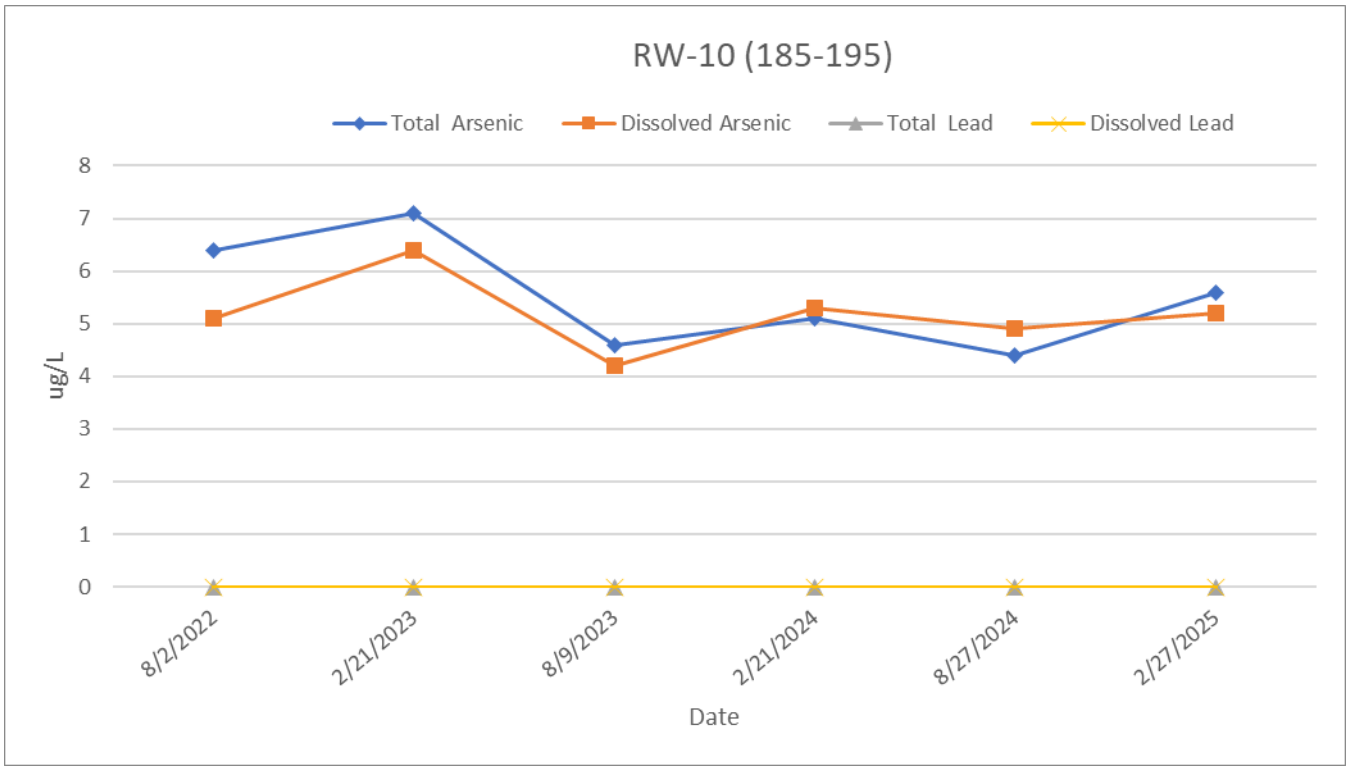


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for CMP Bedrock Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 6)

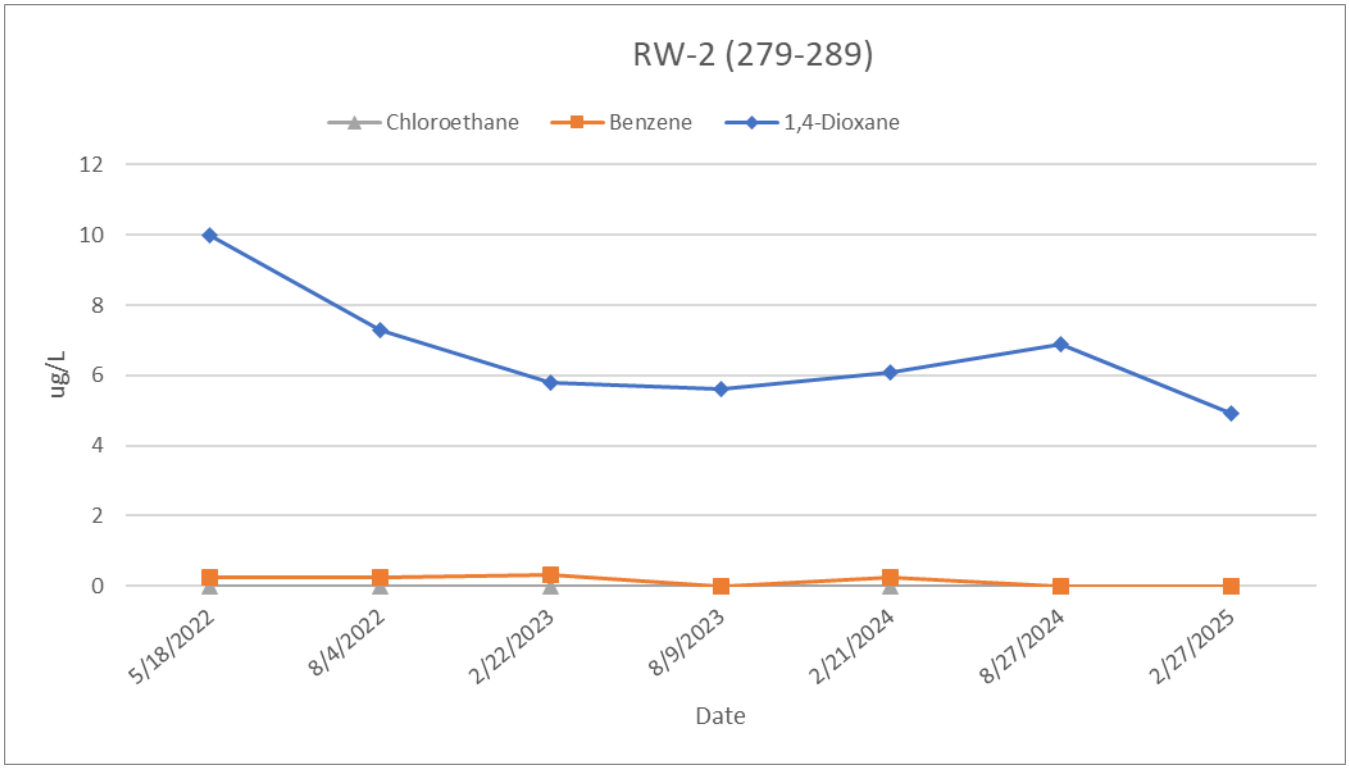


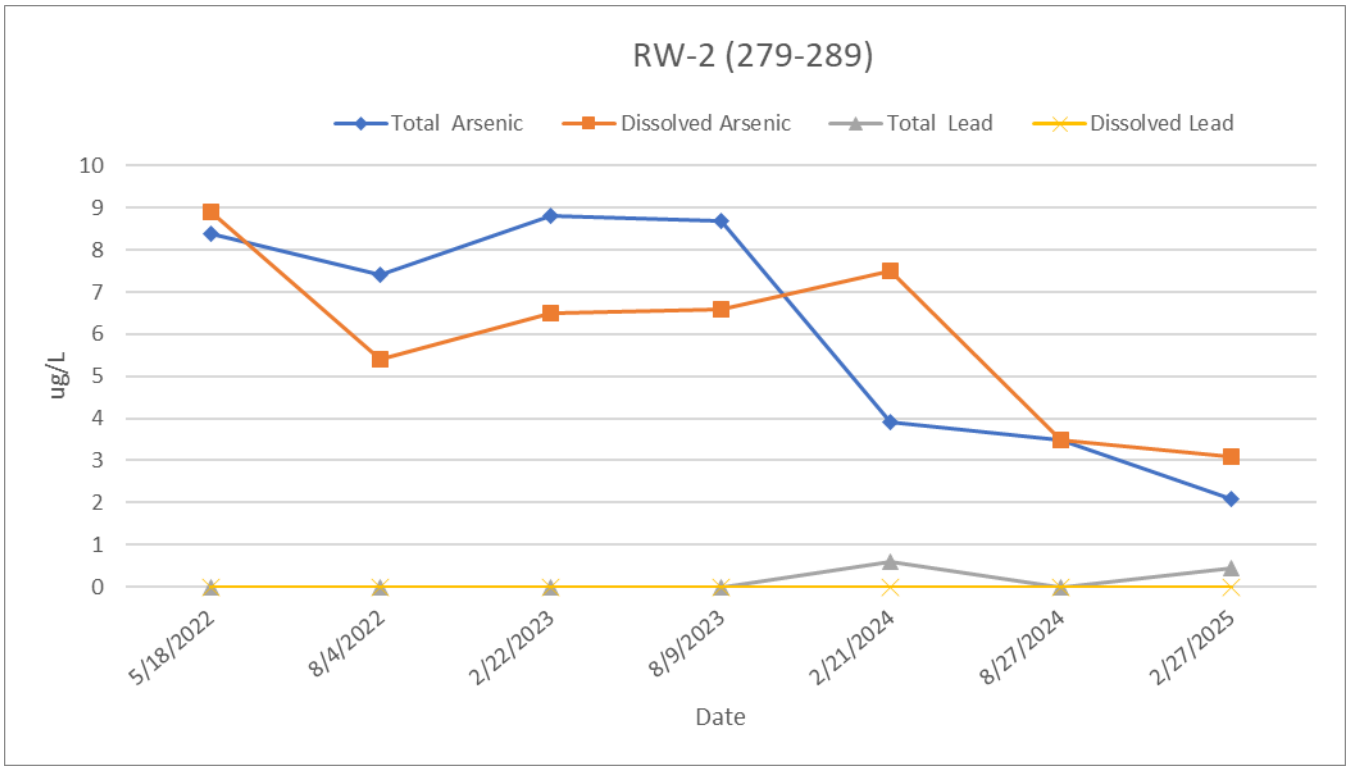


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for CMP Bedrock Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 6)

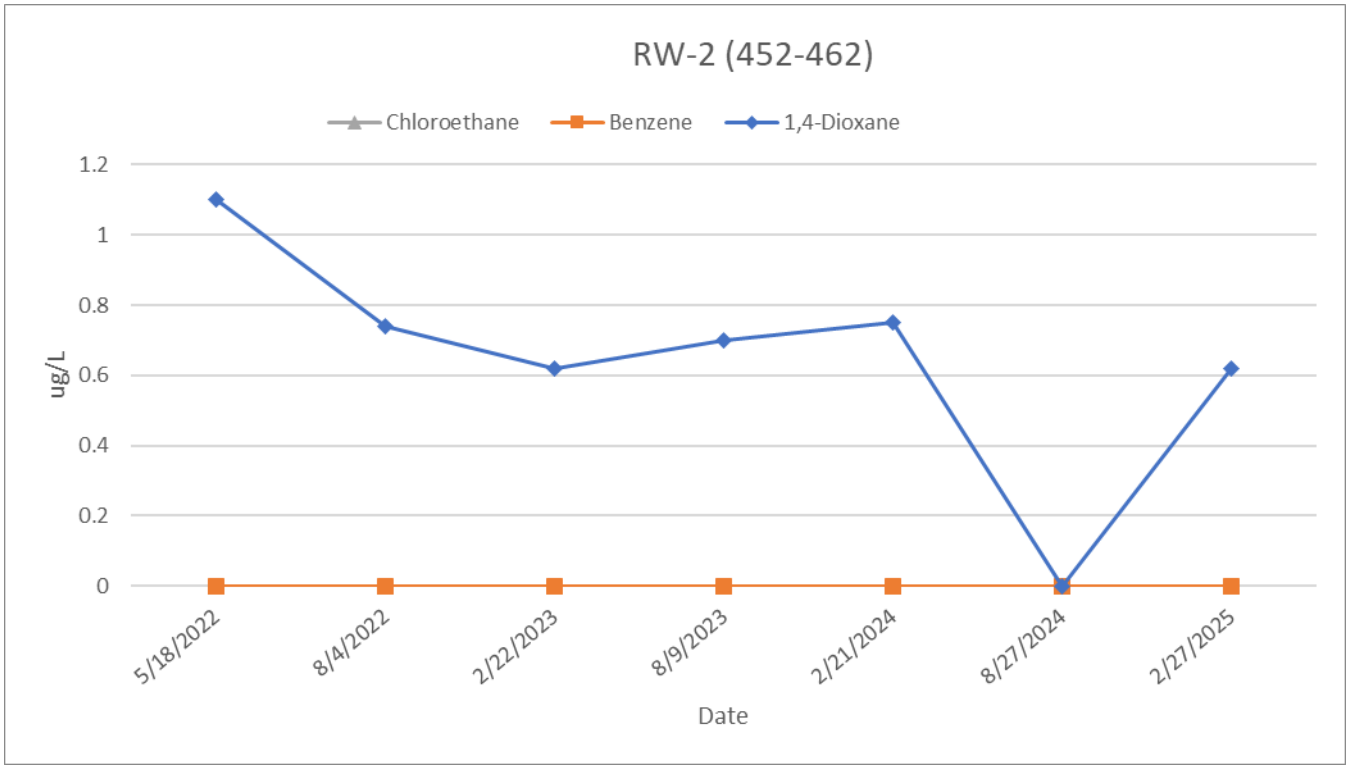


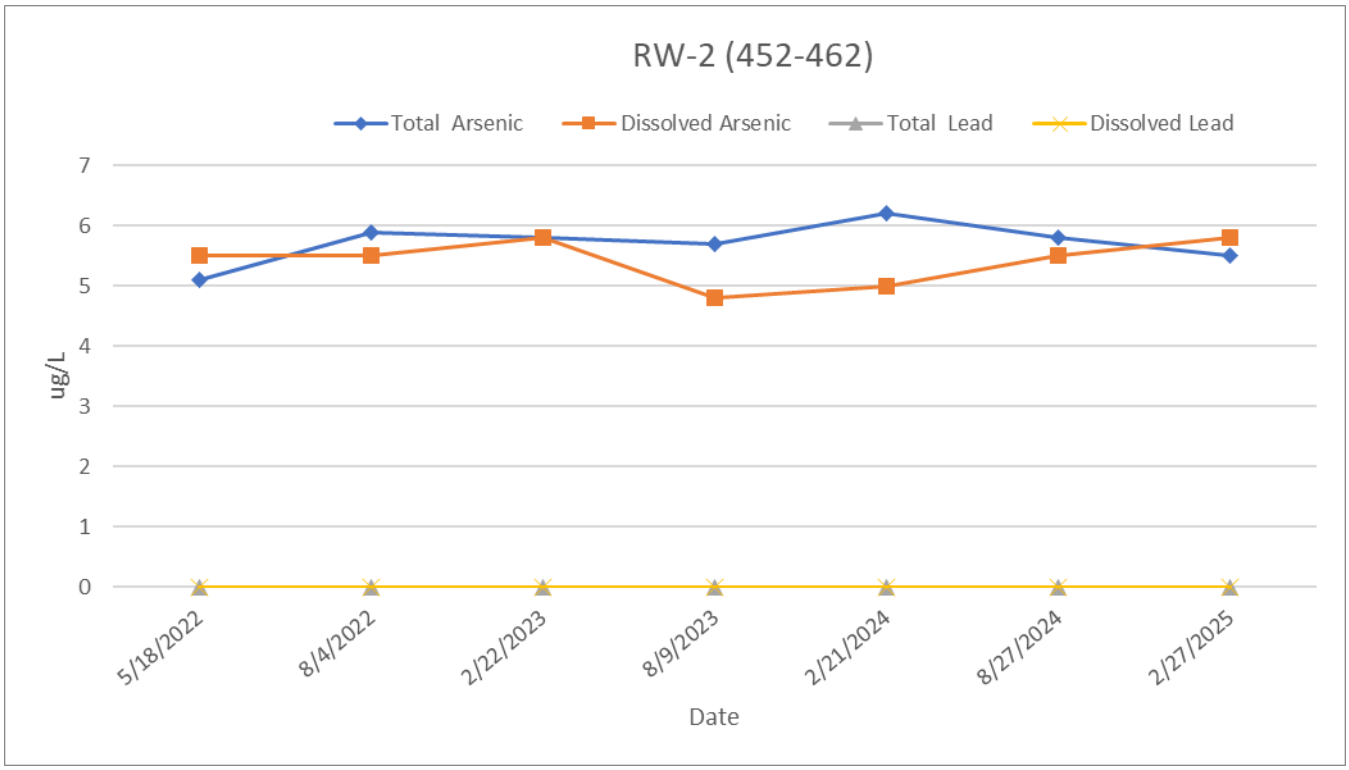


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for CMP Bedrock Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 6)

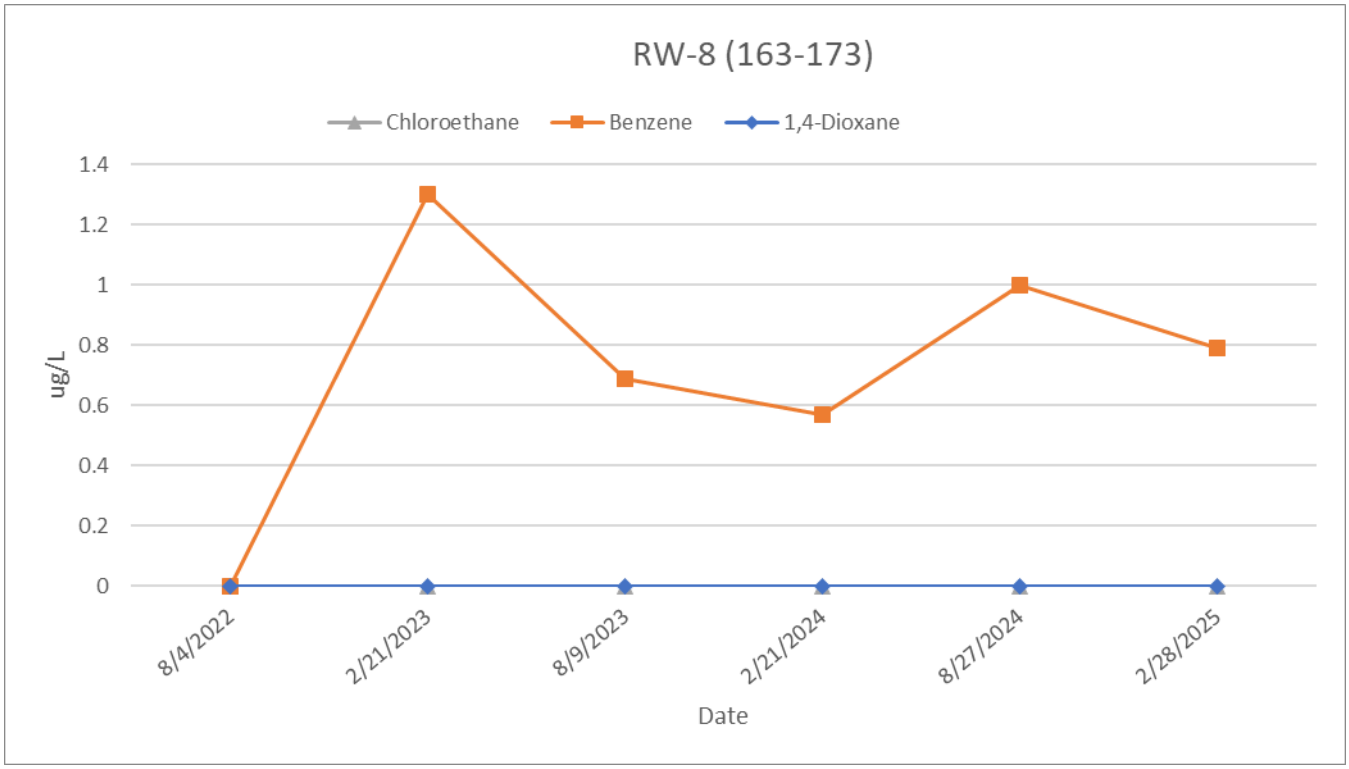


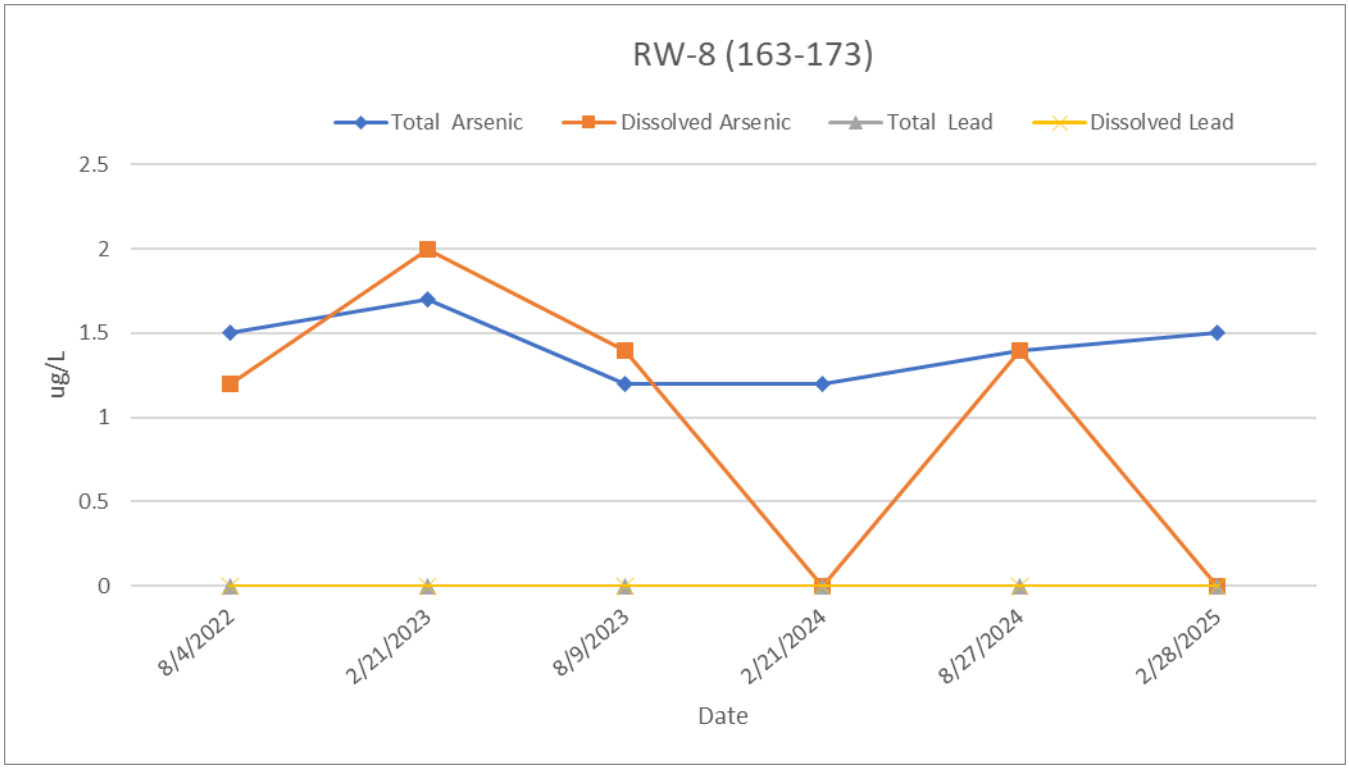


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for CMP Bedrock Wells - Continued

(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 6)

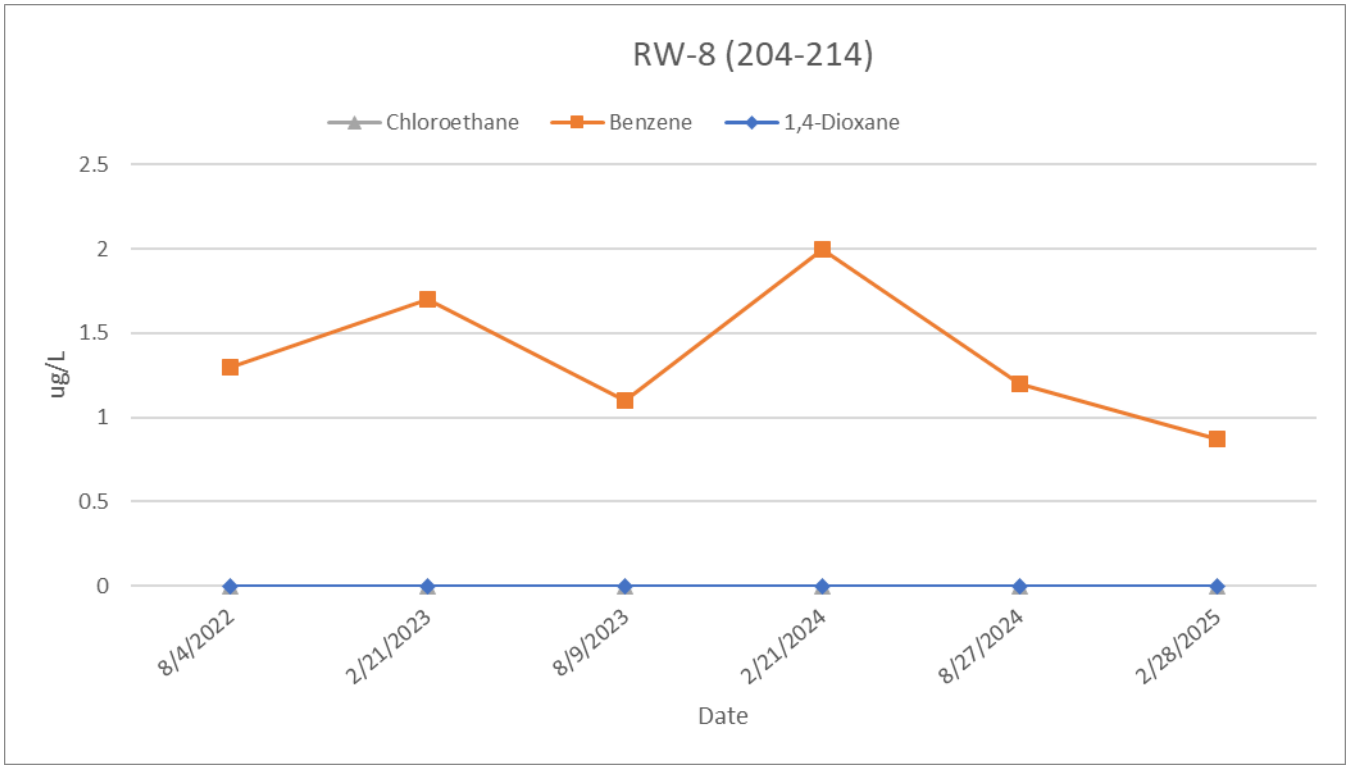


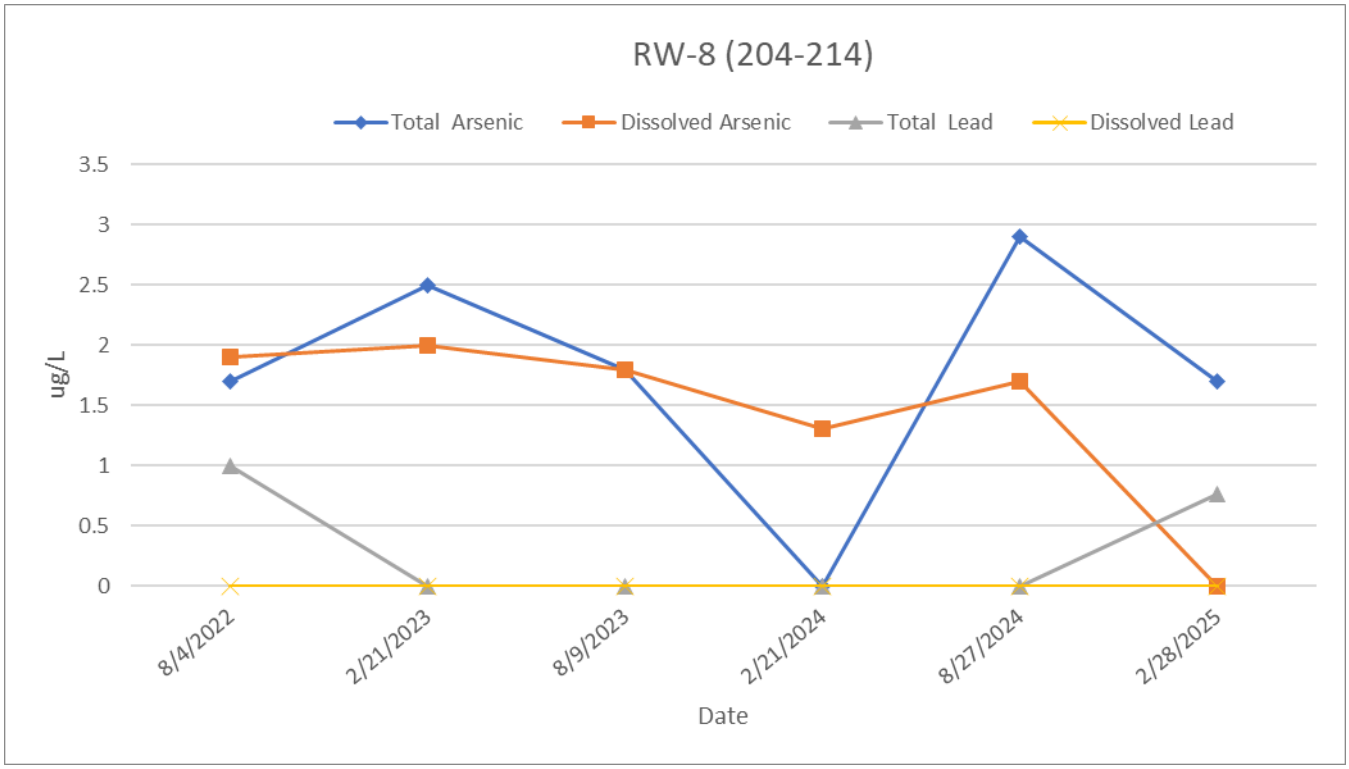


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for CMP Bedrock Wells - Continued

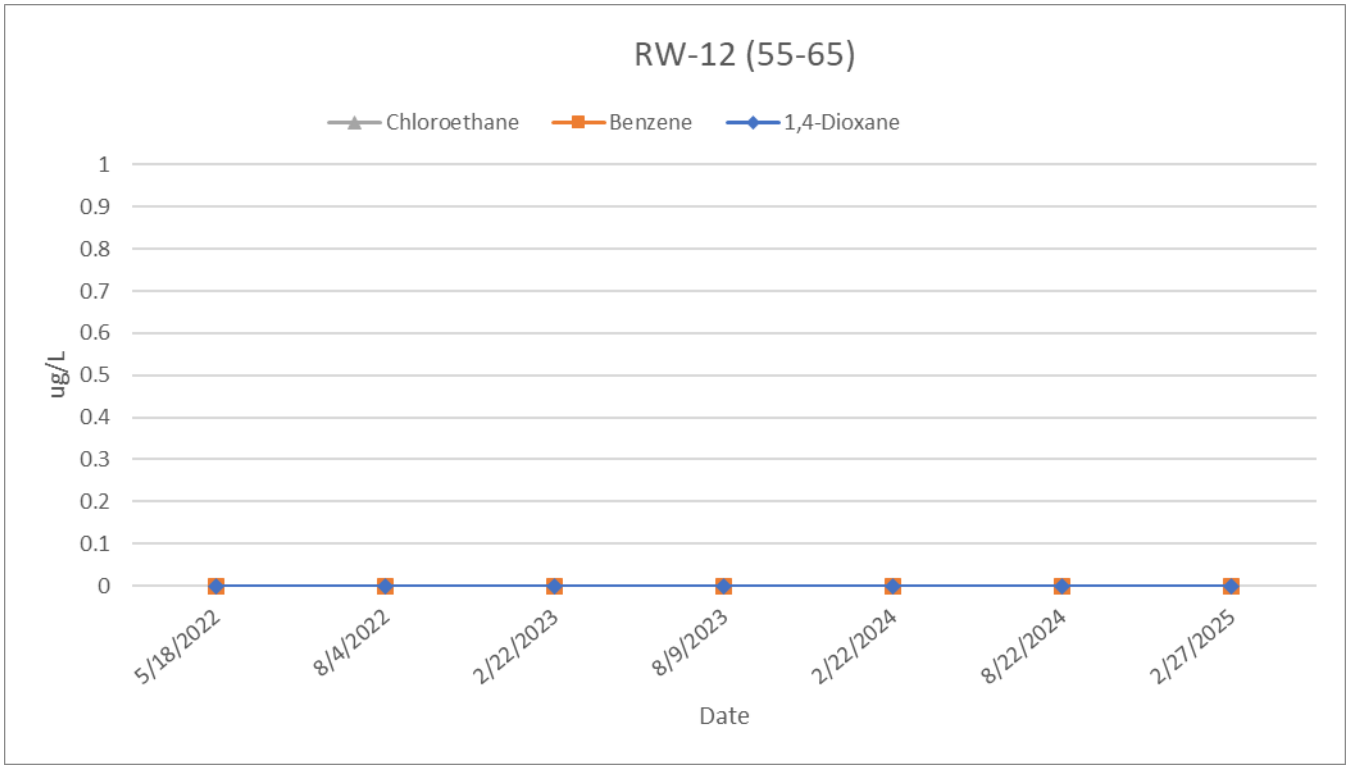
(Graphs Organized from Upgradient to Downgradient based on Groundwater Contours – See Figure 6)

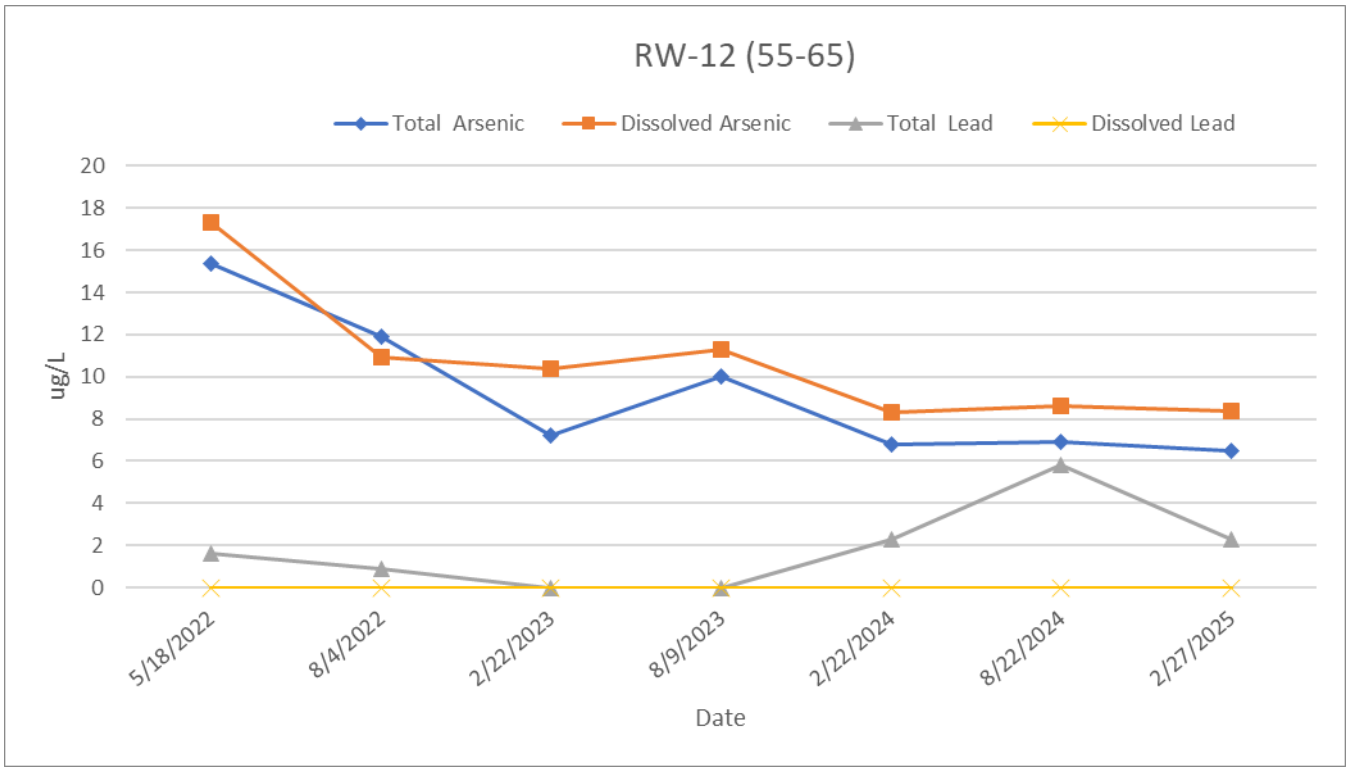




Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

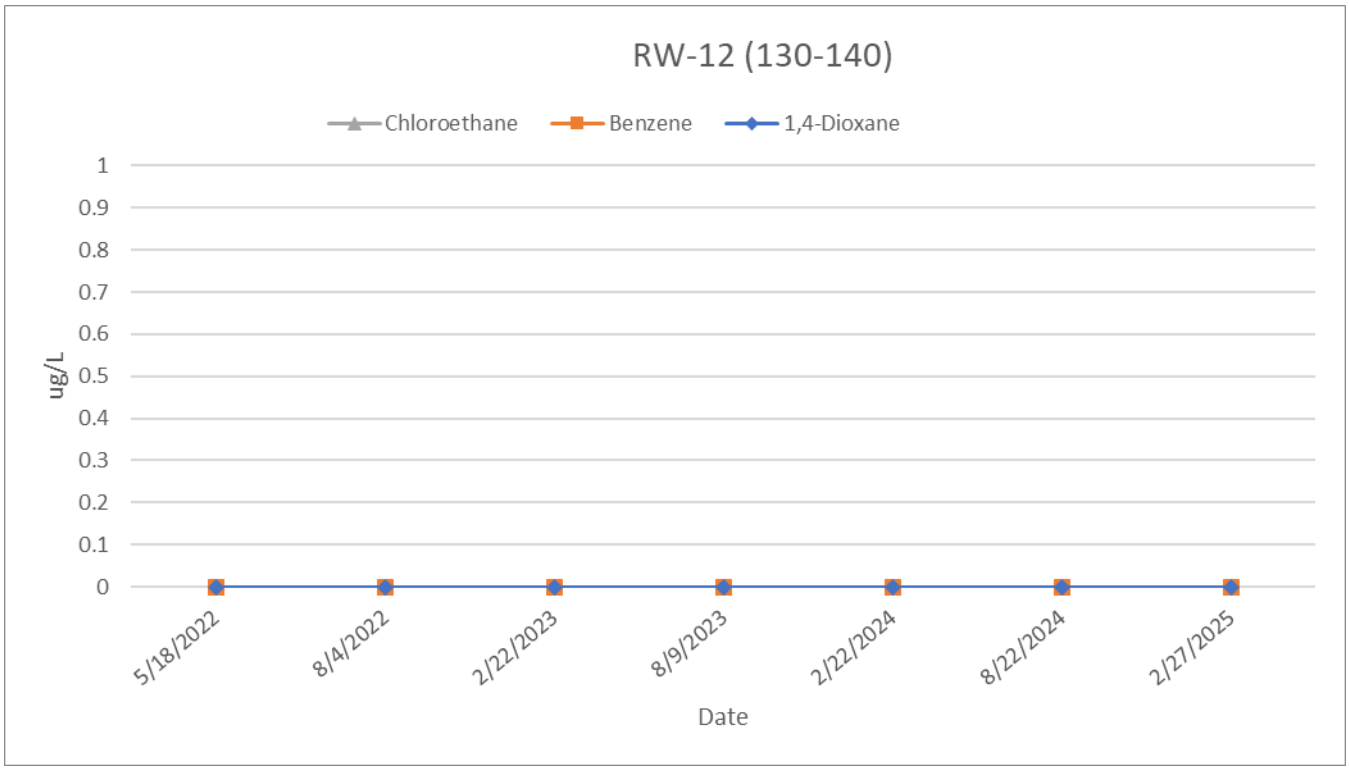
Time Series Graphs for Sally's Pond Area (SPA) Wells

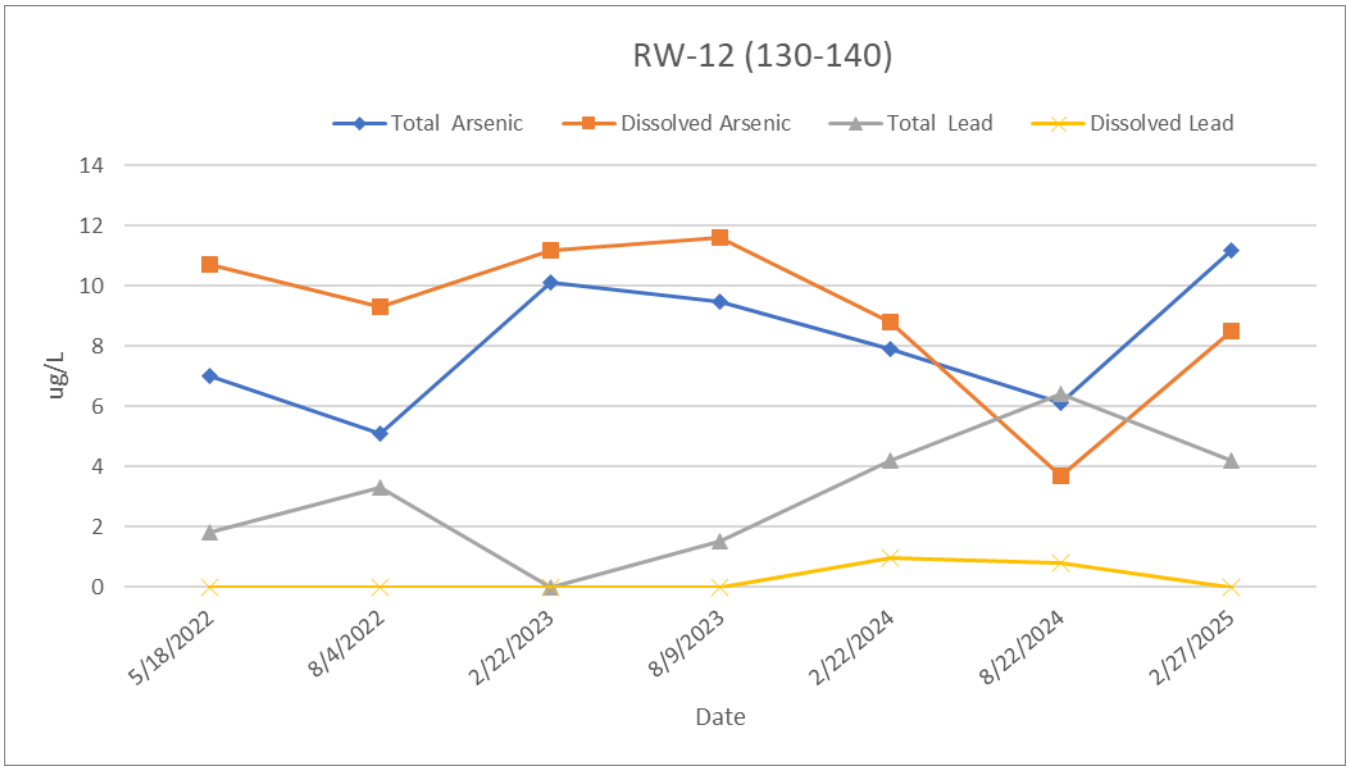




Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for Sally's Pond Area (SPA) Wells – Continued

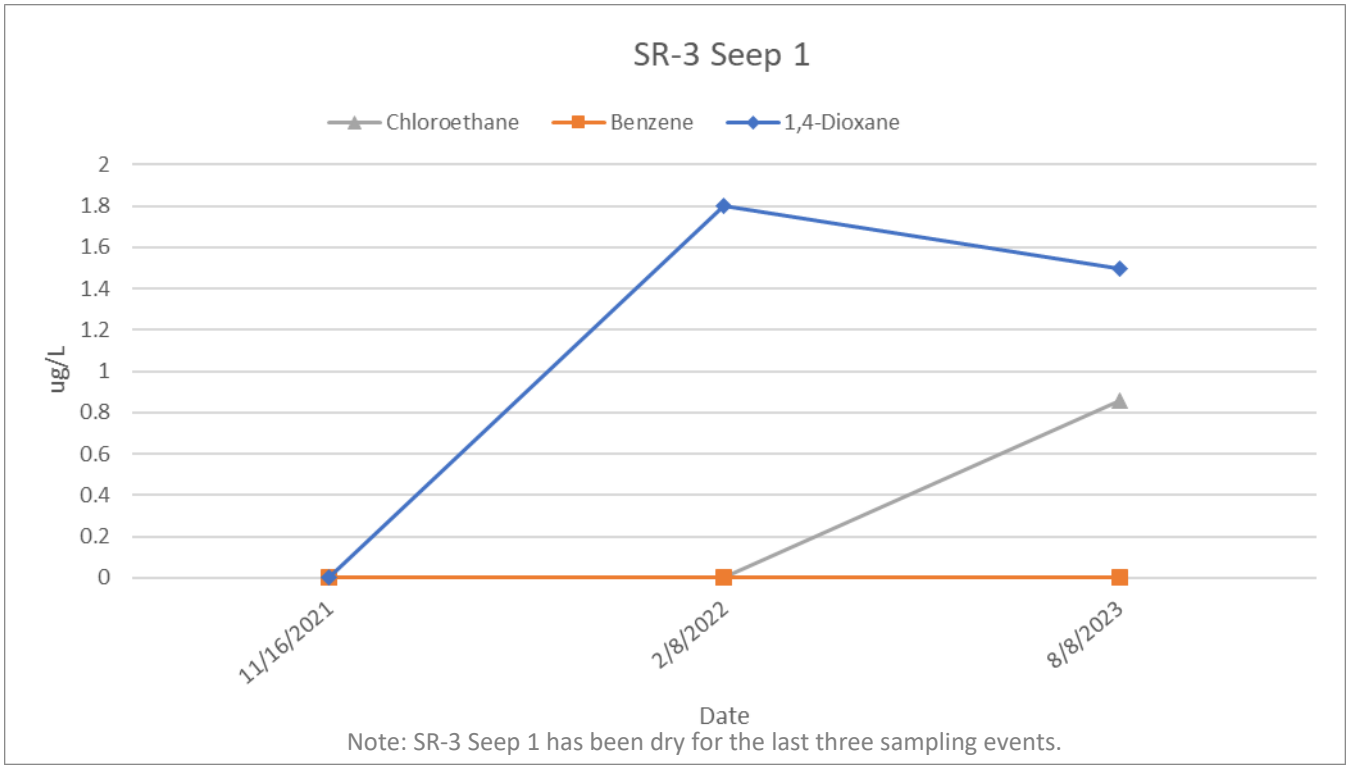




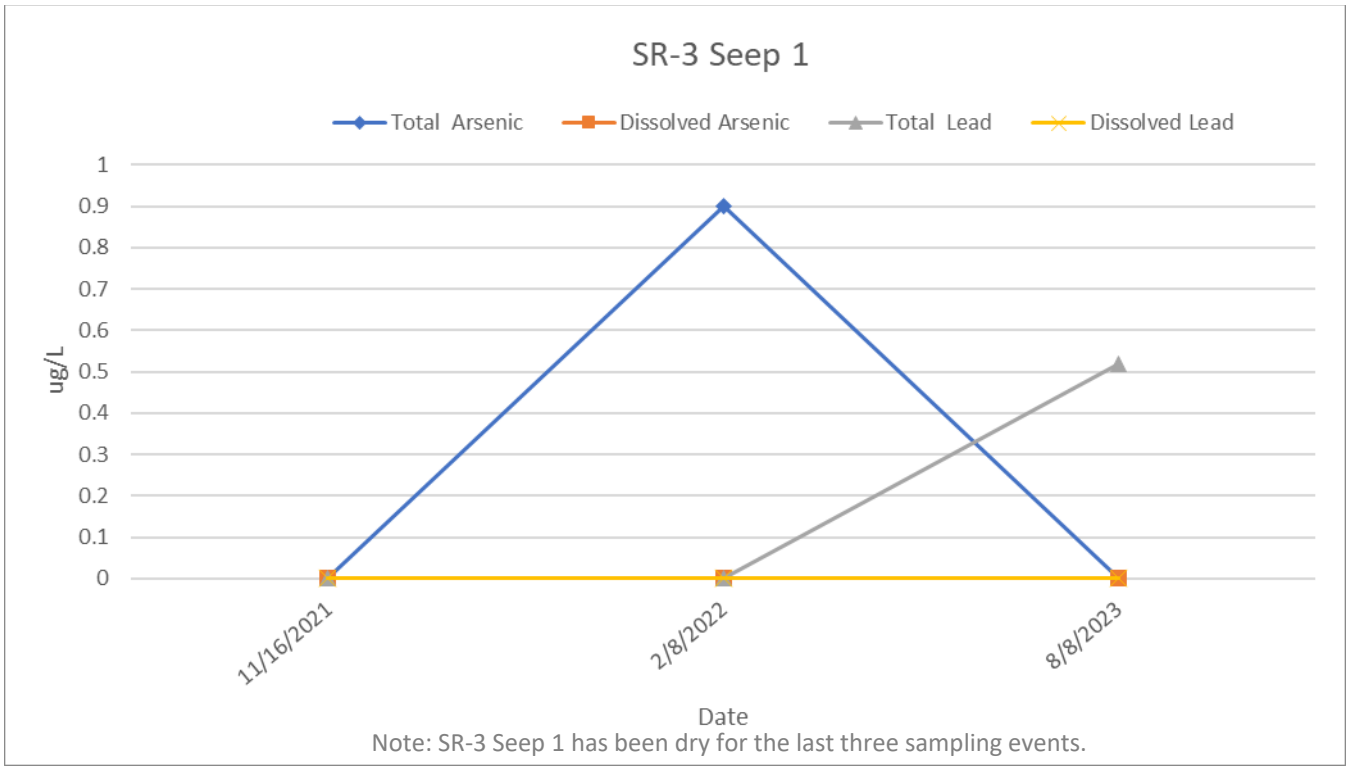
Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for Surface Water Samples in the PMP Area

(Graphs Organized from Upstream to Downstream Locations – See Figure 11)



Note: SR-3 Seep 1 has been dry for the last three sampling events.

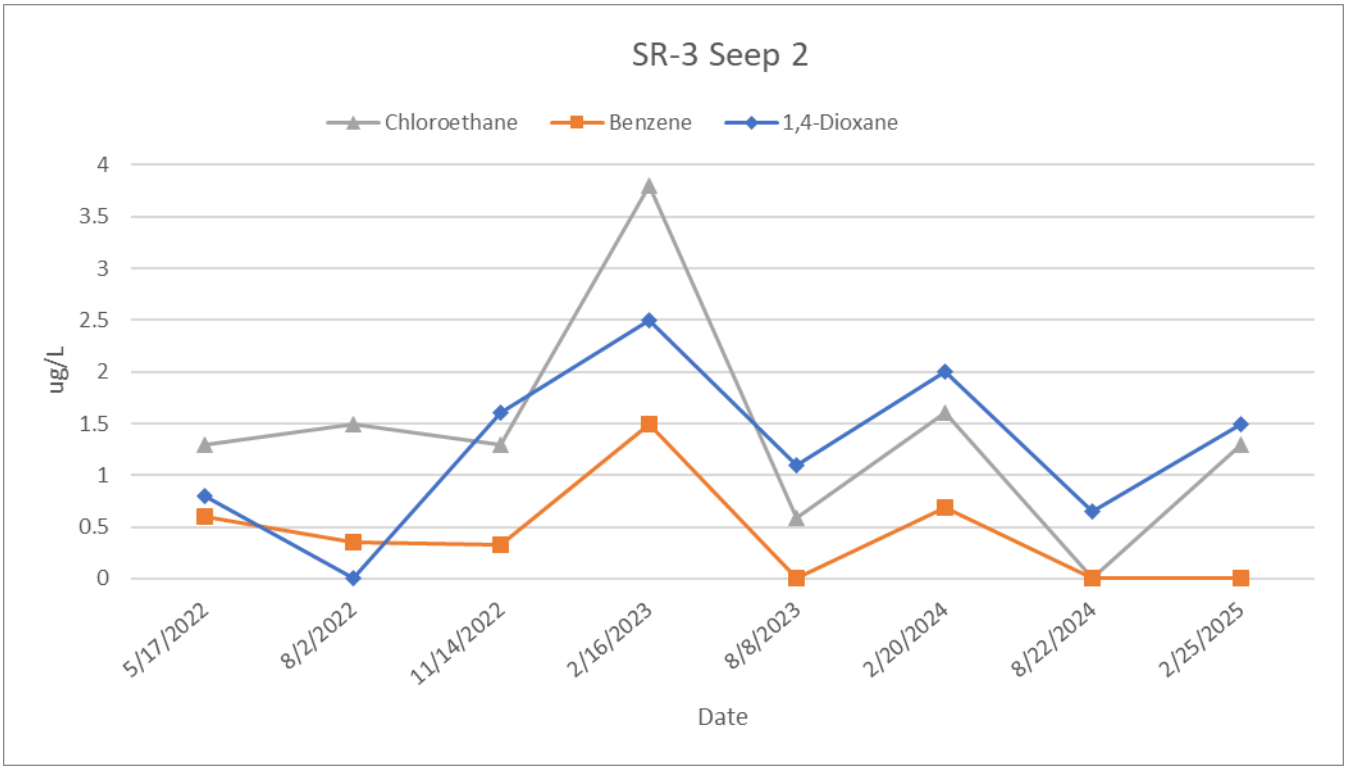


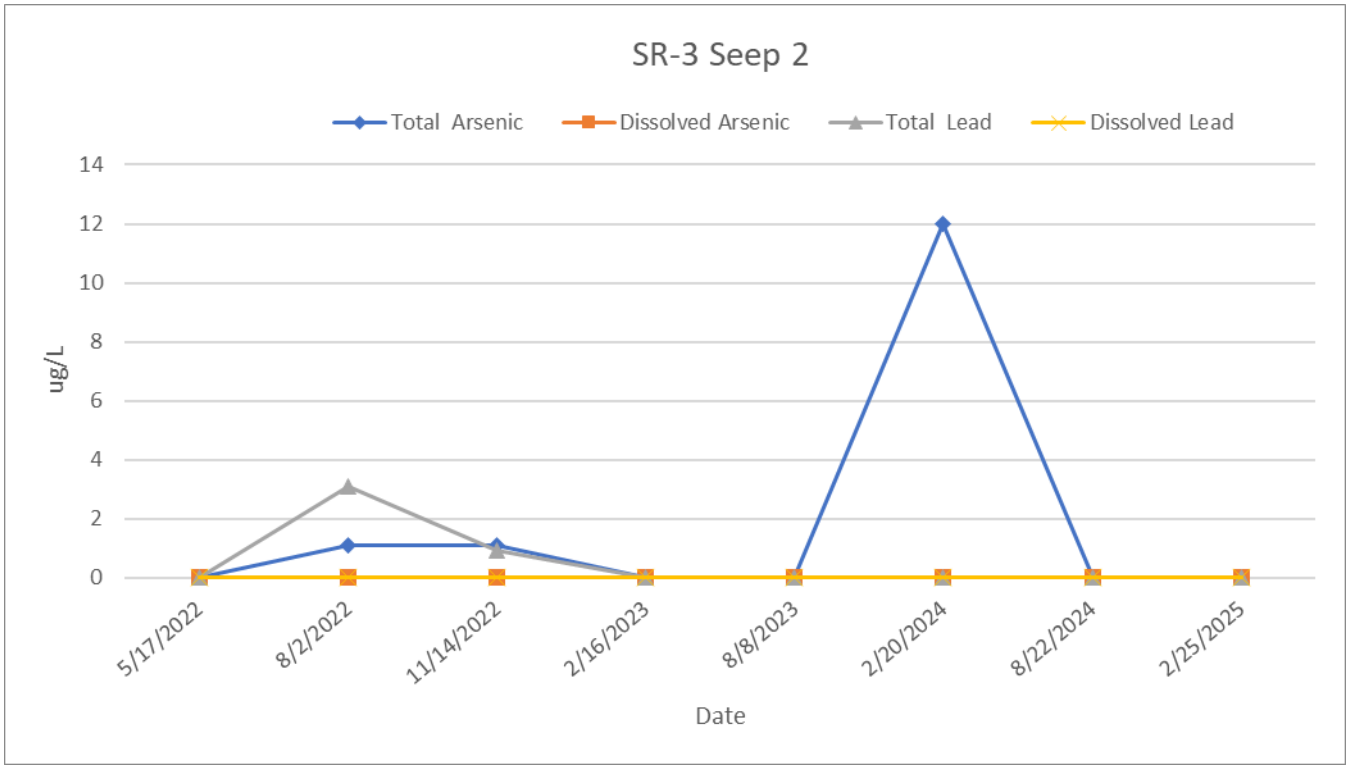
Note: SR-3 Seep 1 has been dry for the last three sampling events.

Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for Surface Water Samples in the PMP Area - Continued

(Graphs Organized from Upstream to Downstream Locations – See Figure 11)

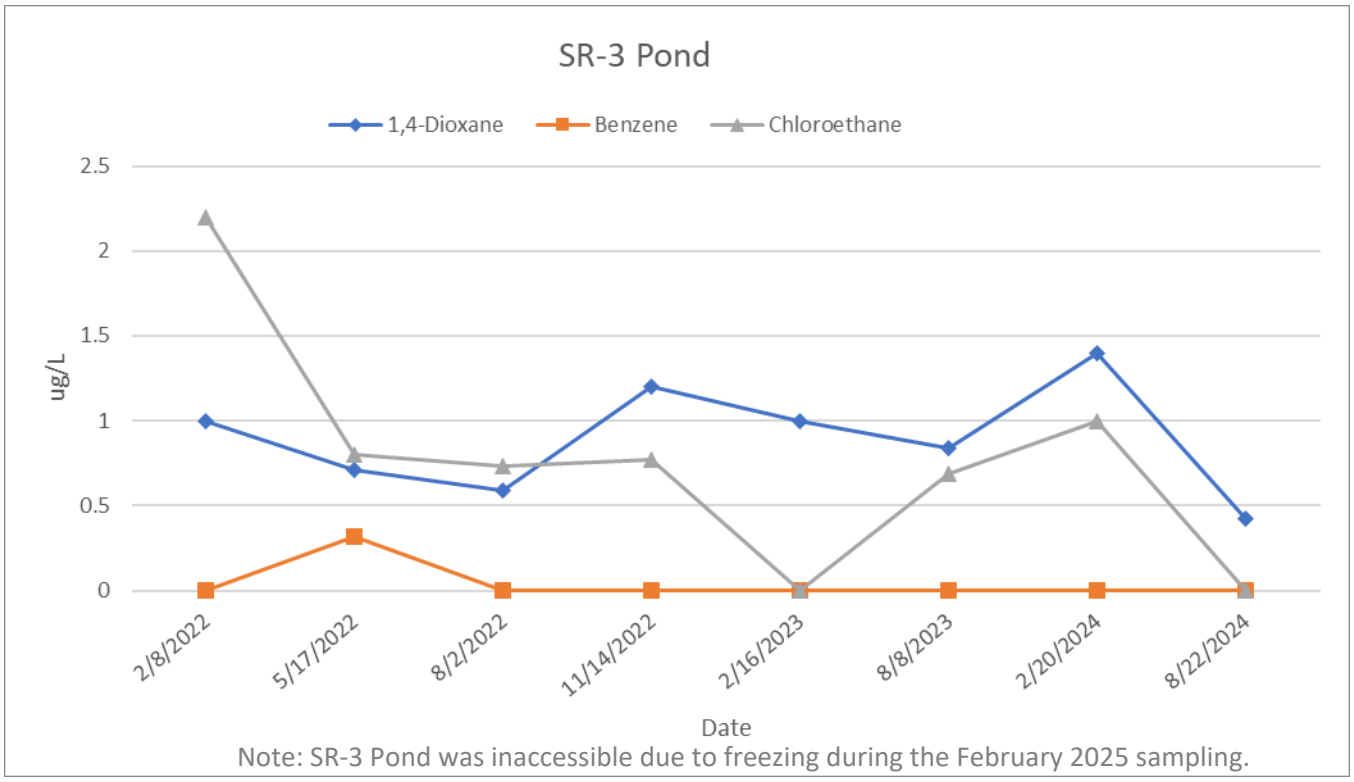




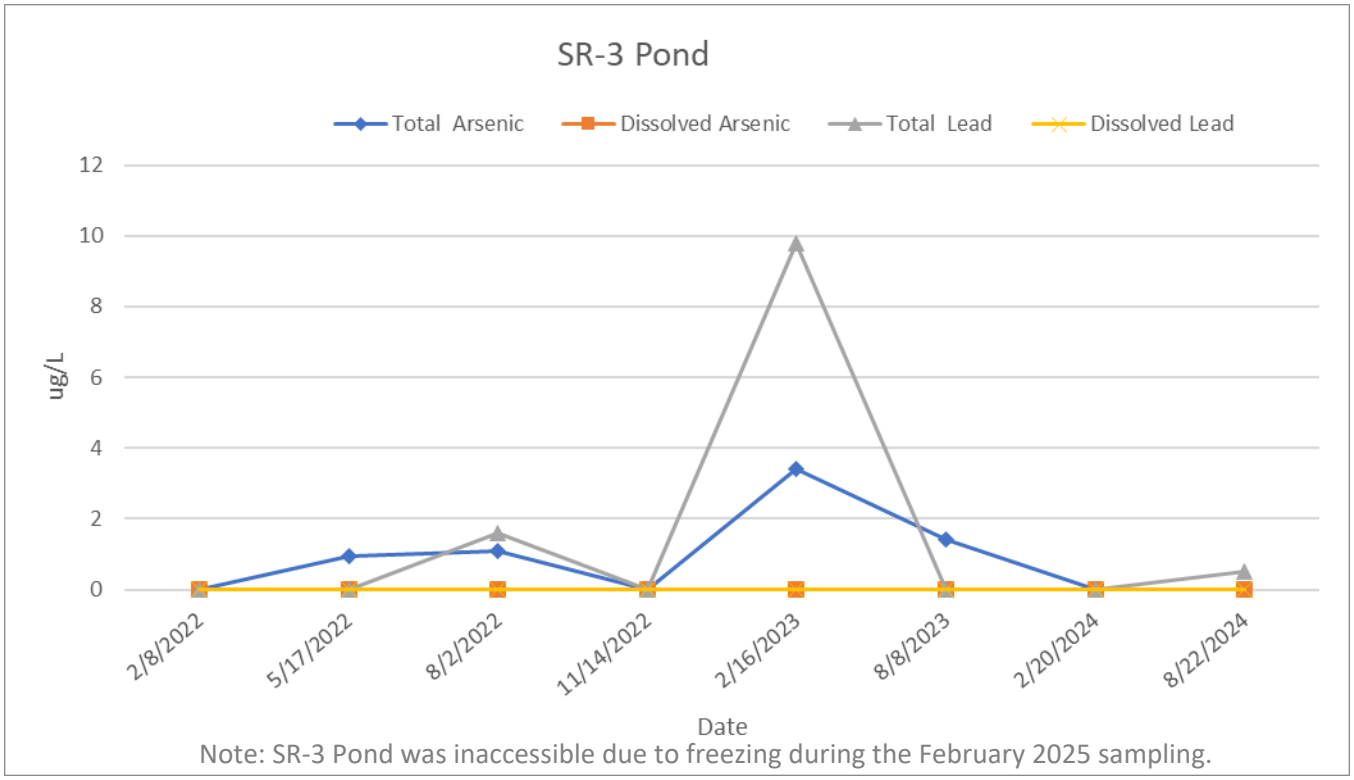
Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for Surface Water Samples in the PMP Area - Continued

(Graphs Organized from Upstream to Downstream Locations – See Figure 11)



Note: SR-3 Pond was inaccessible due to freezing during the February 2025 sampling.

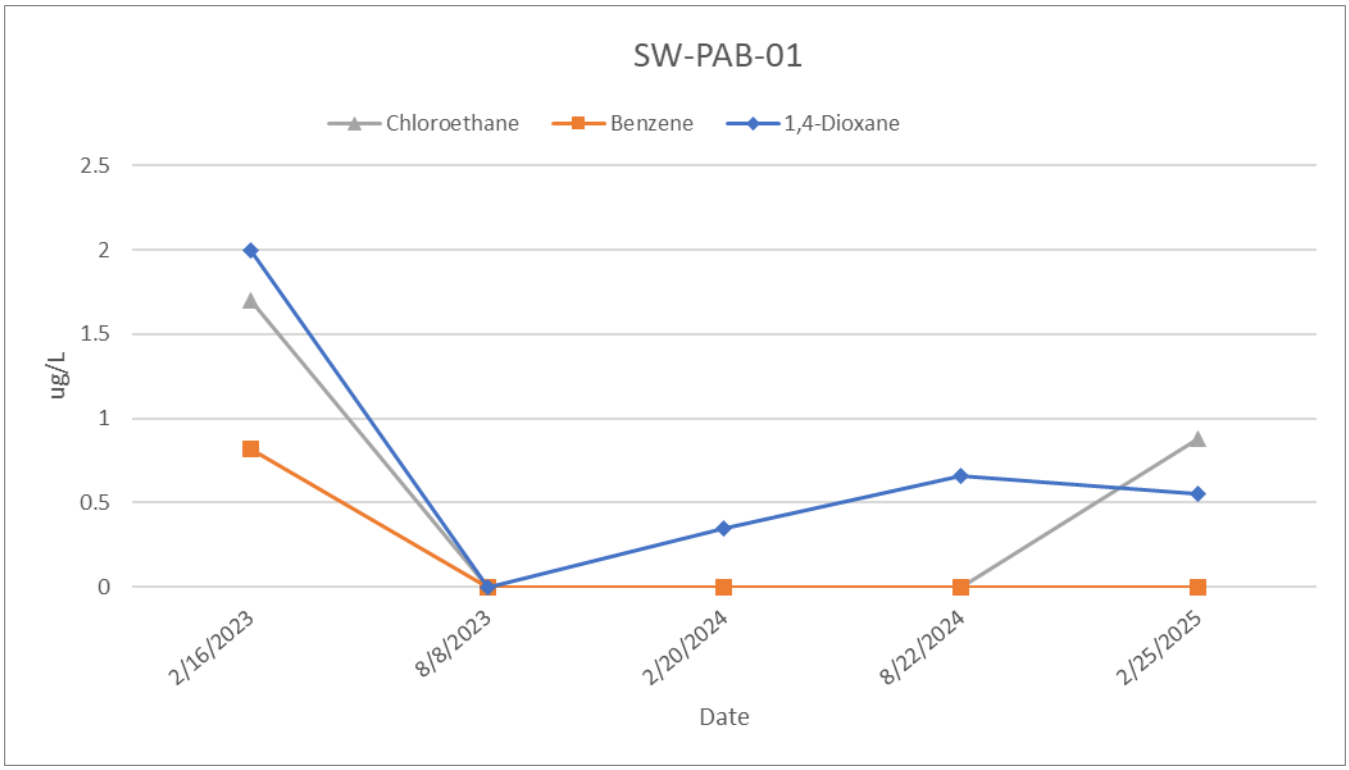


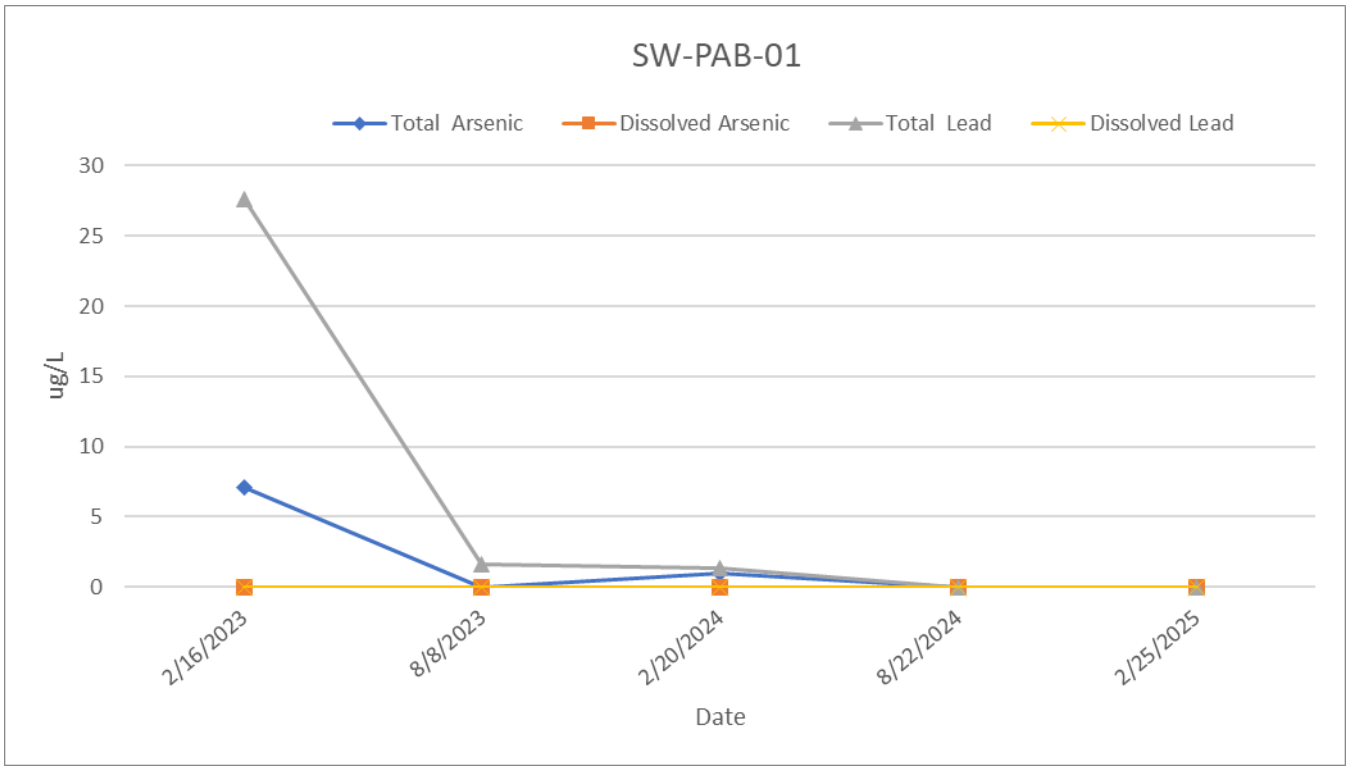
Note: SR-3 Pond was inaccessible due to freezing during the February 2025 sampling.

Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for Surface Water Samples in Park Brook

(Graphs Organized from Upstream to Downstream Locations – See Figure 11)

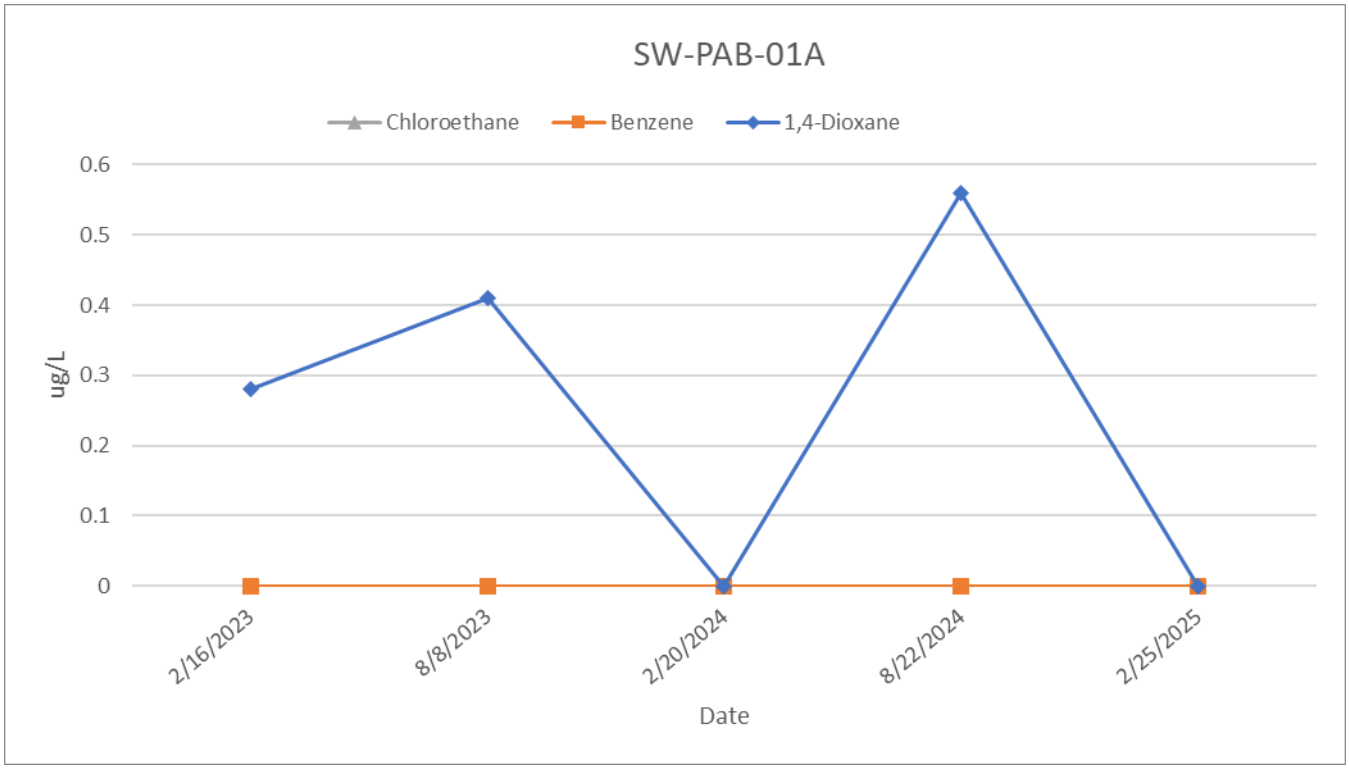


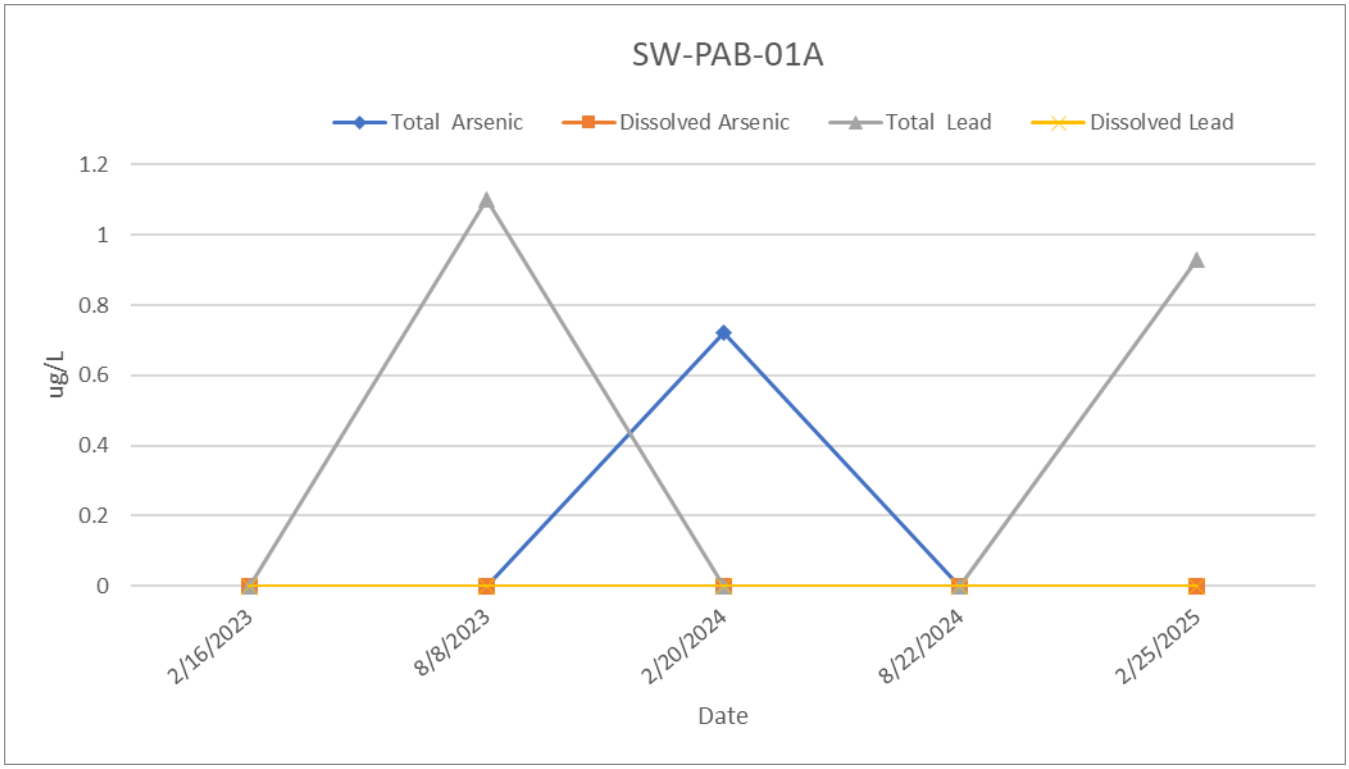


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for Surface Water Samples in Park Brook - Continued

(Graphs Organized from Upstream to Downstream Locations – See Figure 11)

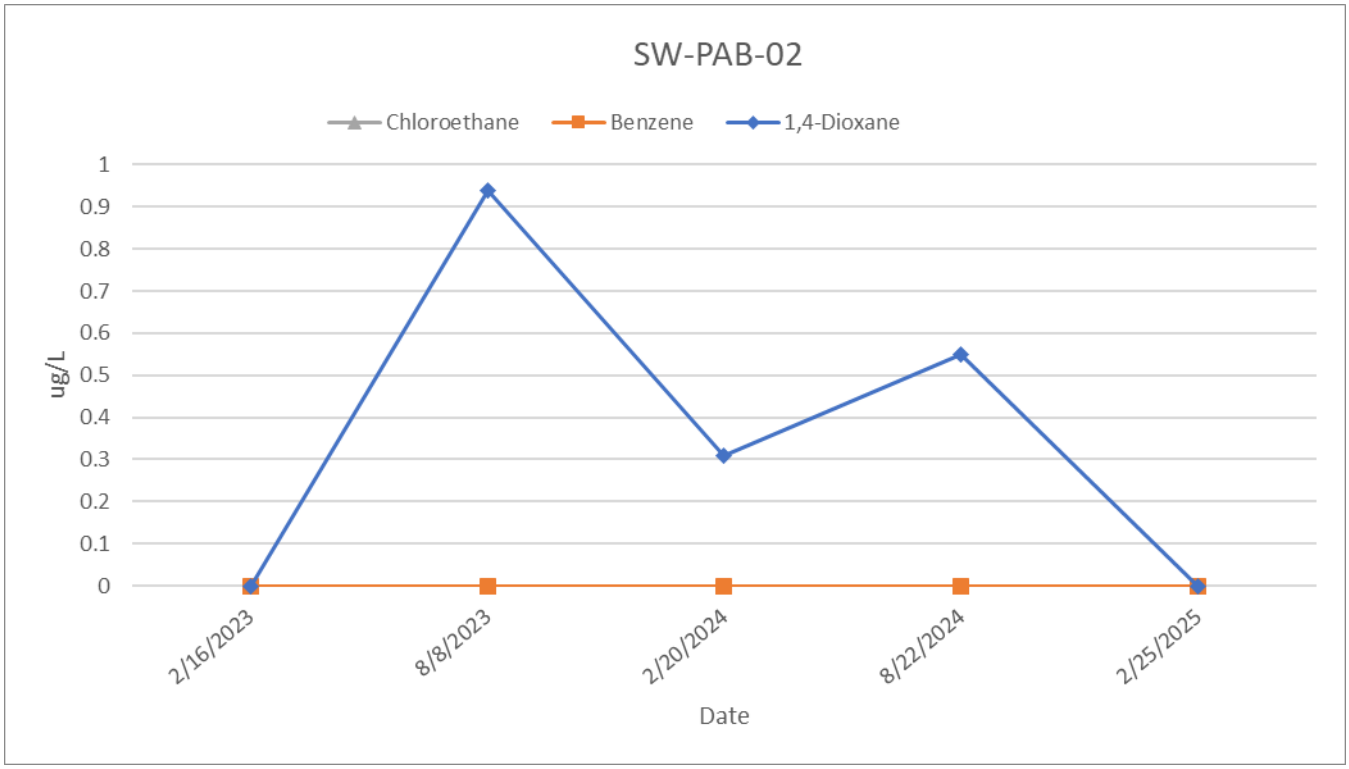


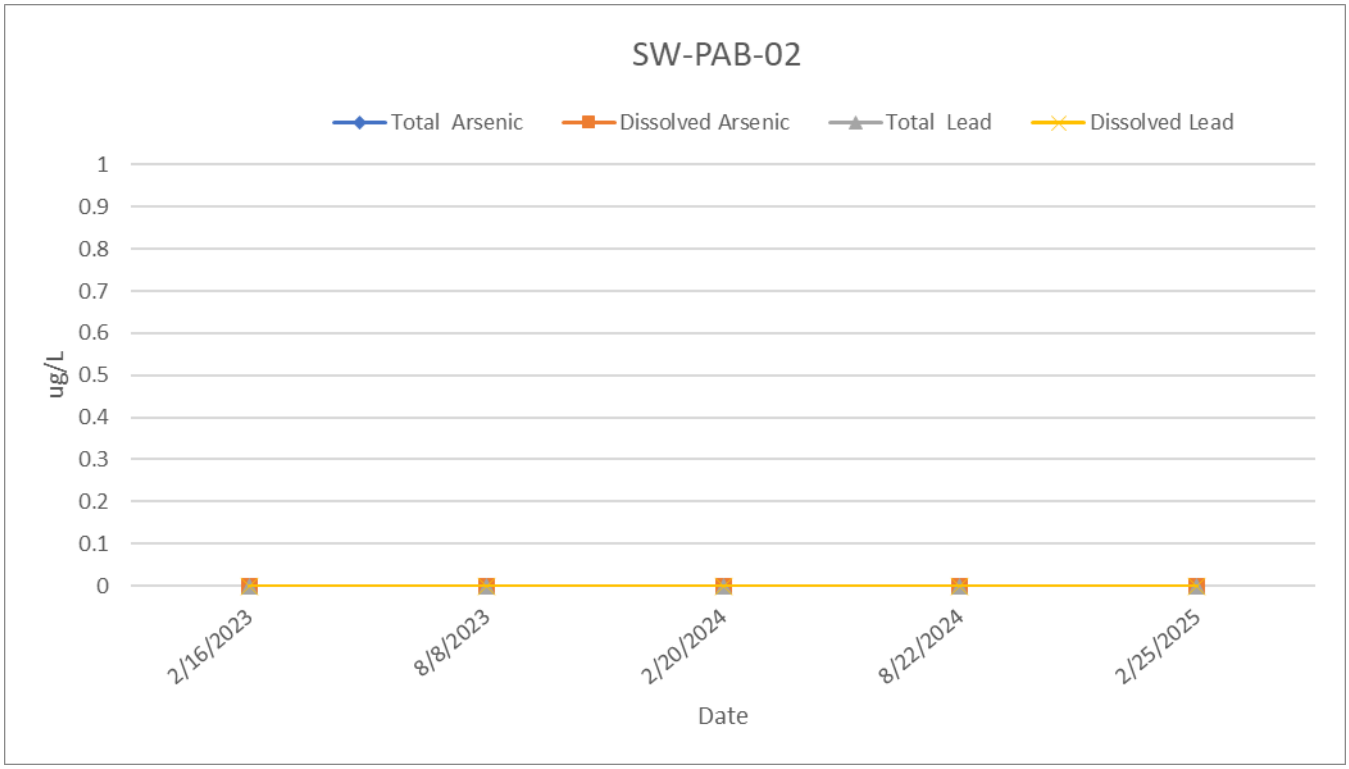


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for Surface Water Samples in Park Brook - Continued

(Graphs Organized from Upstream to Downstream Locations – See Figure 11)

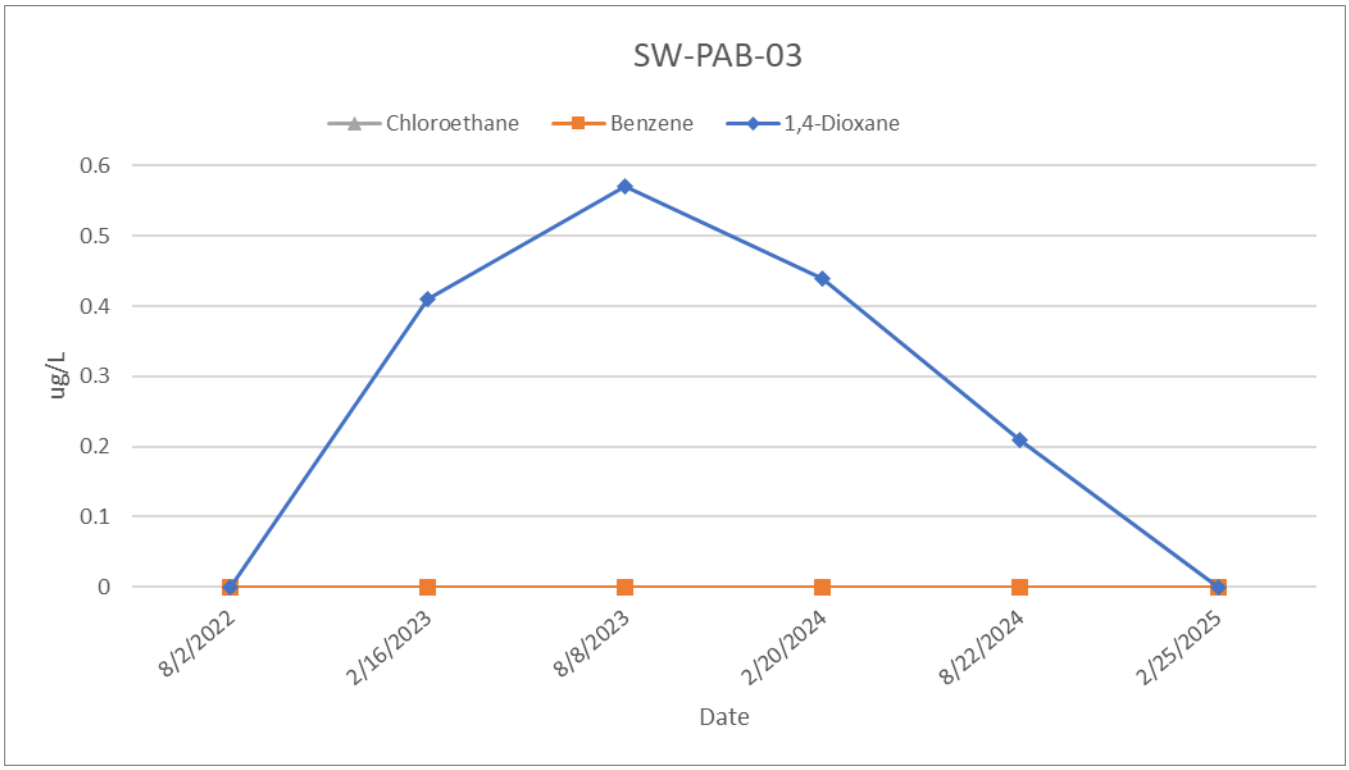


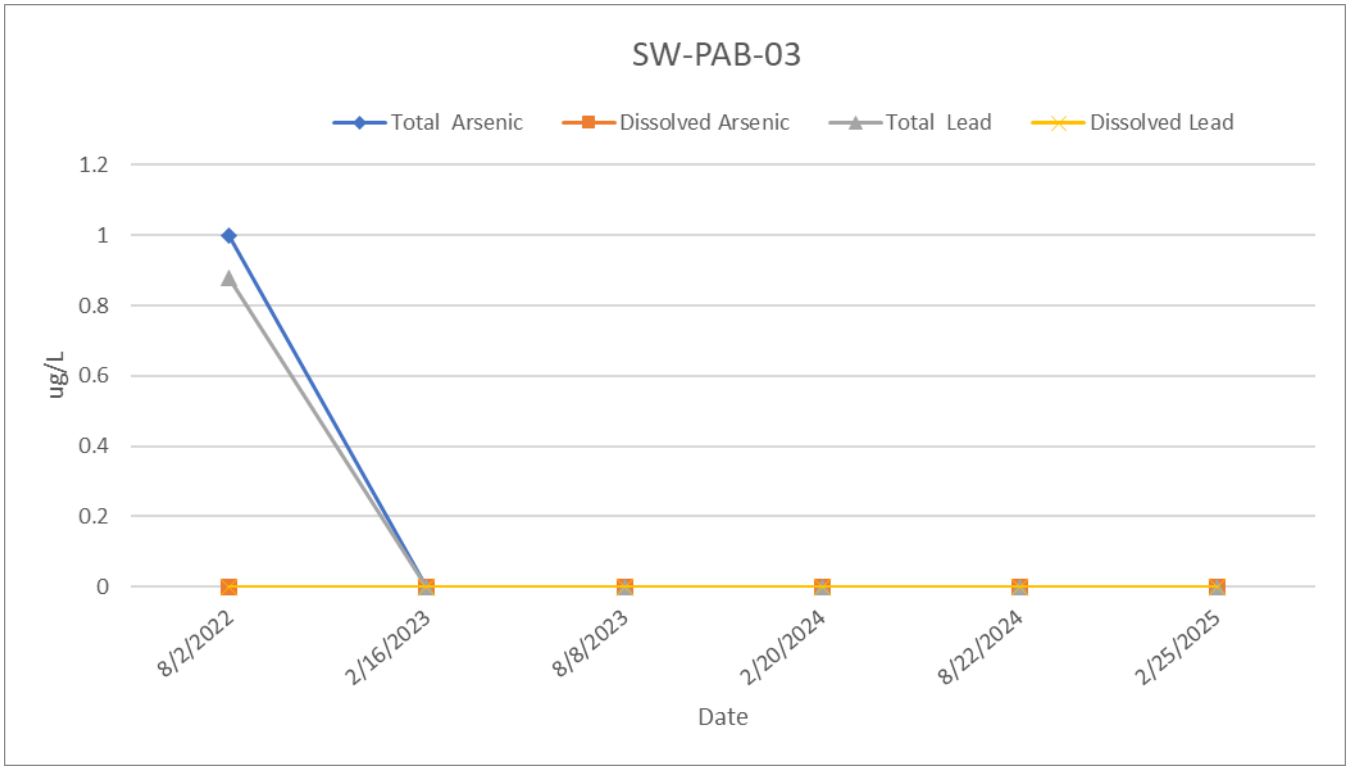


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for Surface Water Samples in Park Brook - Continued

(Graphs Organized from Upstream to Downstream Locations – See Figure 11)

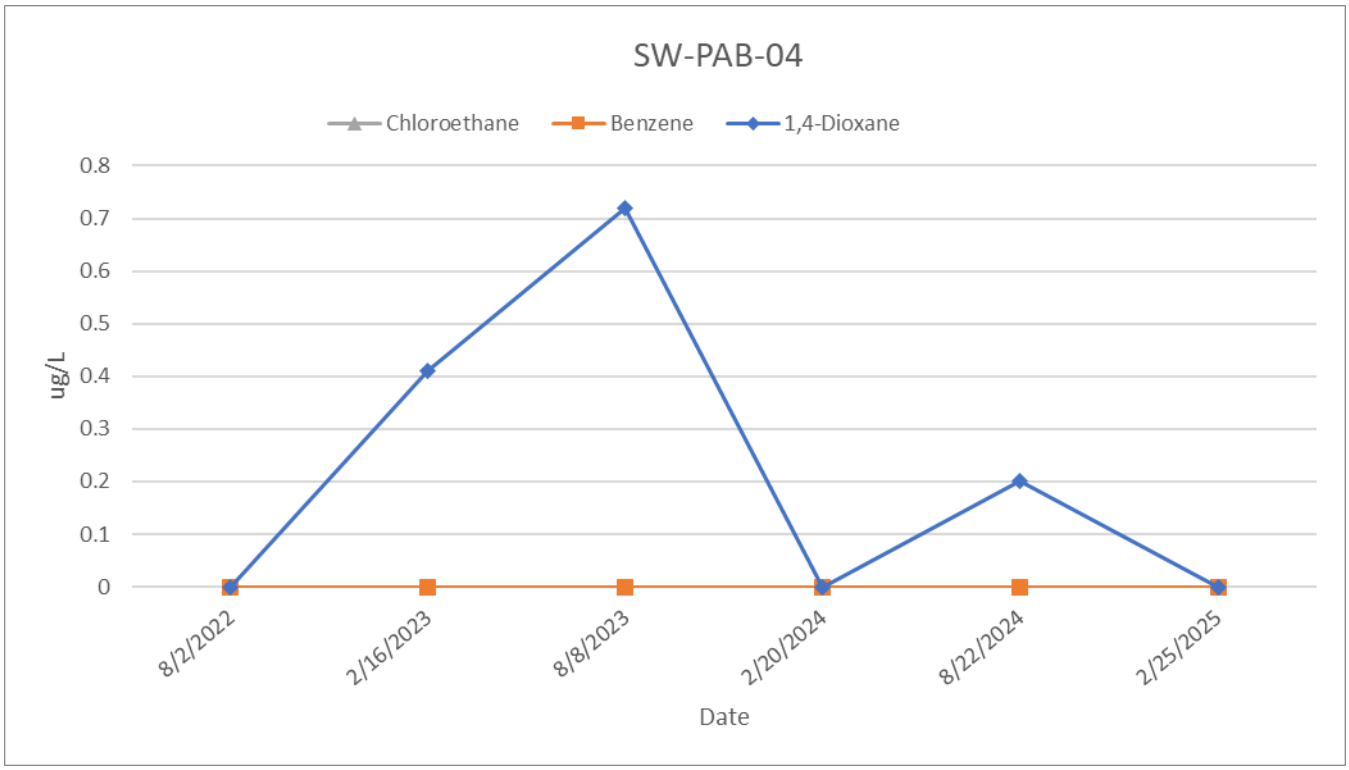


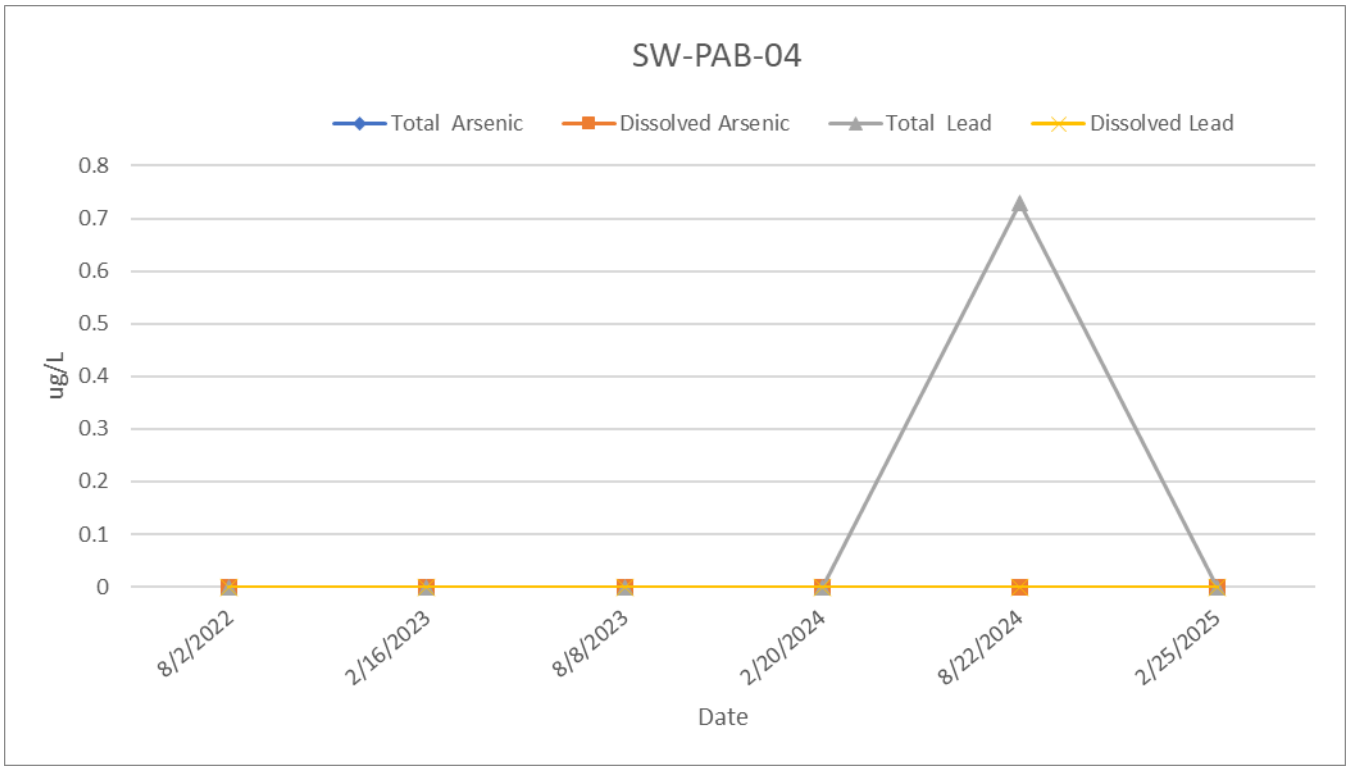


Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

Time Series Graphs for Surface Water Samples in Park Brook - Continued

(Graphs Organized from Upstream to Downstream Locations – See Figure 11)

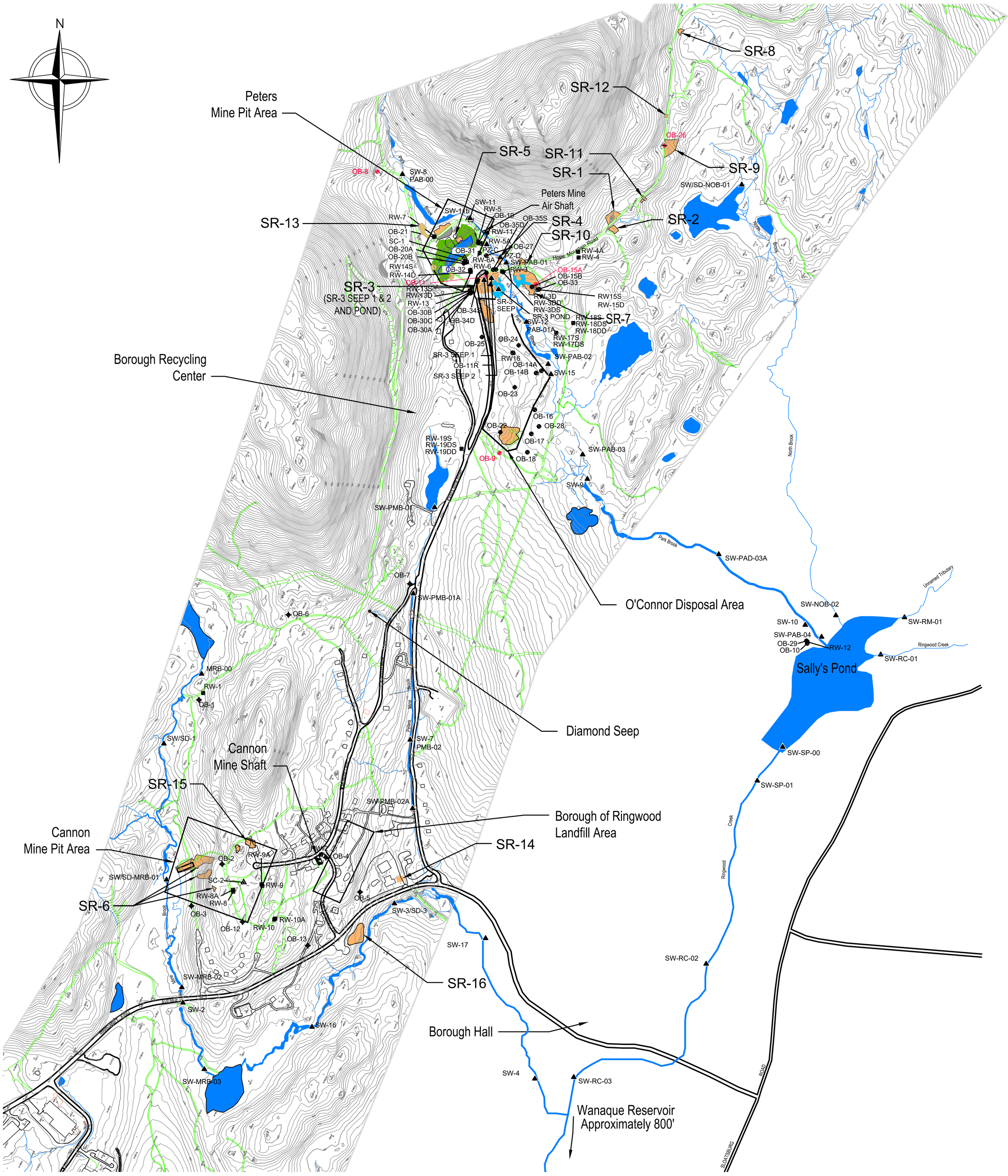




Non-Detect (ND) values plotted as 0 concentration. Blanks indicate parameter not analyzed on noted date.

ATTACHMENT A

FIGURES



NOTES:

1. MAP SOURCE: "SITE PLAN DEPICITING TOPOGRAPHIC FEATURES," RINGWOOD MINES/LANDFILL SITE, SITE RELATED GROUNDWATER REMEDIAL INVESTIGATION REPORT, MAP LATEST REVISION DATE 11/24/14.
2. EXISTING CONTOURS DEPICT TOPOGRAPHY PRIOR TO REMOVAL ACTIVITIES.

LEGEND

- BEDROCK WELL
- DEEP BEDROCK WELL
- DIRECTIONAL WELL
- UNCONSOLIDATED WELL
- MONITORING WELL DAMAGED OR NOT AVAILABLE FOR SAMPLING
- APPROXIMATE LIMITS OF REMOVAL AREAS – SOIL, PAINT SLUDGE, AND DRUM REMNANTS
- APPROXIMATE LIMITS OF REMOVAL AREA – SOIL AND DRUM REMNANTS
- APPROXIMATE LIMITS OF REMOVAL AREA – SOIL, DRUMS, AND DRUM REMNANTS
- APPROXIMATE LIMITS OF REMOVAL AREAS – SOIL AND PAINT SLUDGE
- APPROXIMATE LIMITS OF SURFICIAL SOIL SCRAPING
- HISTORICAL FILL AREA SURROUNDING PETERS MINE PIT (AREA 1)
- INDICATES VERNAL CONDITIONS TYPICALLY OBSERVED IN THE SPRING AND FALL SEASONS
- WATER BODY

- SW-2 — SURFACE WATER SAMPLE LOCATION
- SW-MRB-01 — SURFACE WATER SAMPLE LOCATION FROM MINE BROOK
- SW-PMB-01 — SURFACE WATER SAMPLE LOCATION FROM PETERS MINE BROOK
- SW-NOB-01 — SURFACE WATER SAMPLE LOCATION FROM NORTH BROOK
- SW-PAB-01 — SURFACE WATER SAMPLE LOCATION FROM PARK BROOK
- SW-RC-01 — SURFACE WATER SAMPLE LOCATION FROM RINGWOOD CREEK
- SW-RM-01 — SURFACE WATER SAMPLE LOCATION FROM UNNAMED TRIBUTARY
- SW-SP-00 — SURFACE WATER SAMPLE LOCATION FROM SALLY'S POND
- TRAIL/ DIRT ROAD
- STREAM
- INFERRED STREAM

400 200 0 400 800 1200

SCALE: 1"=400'

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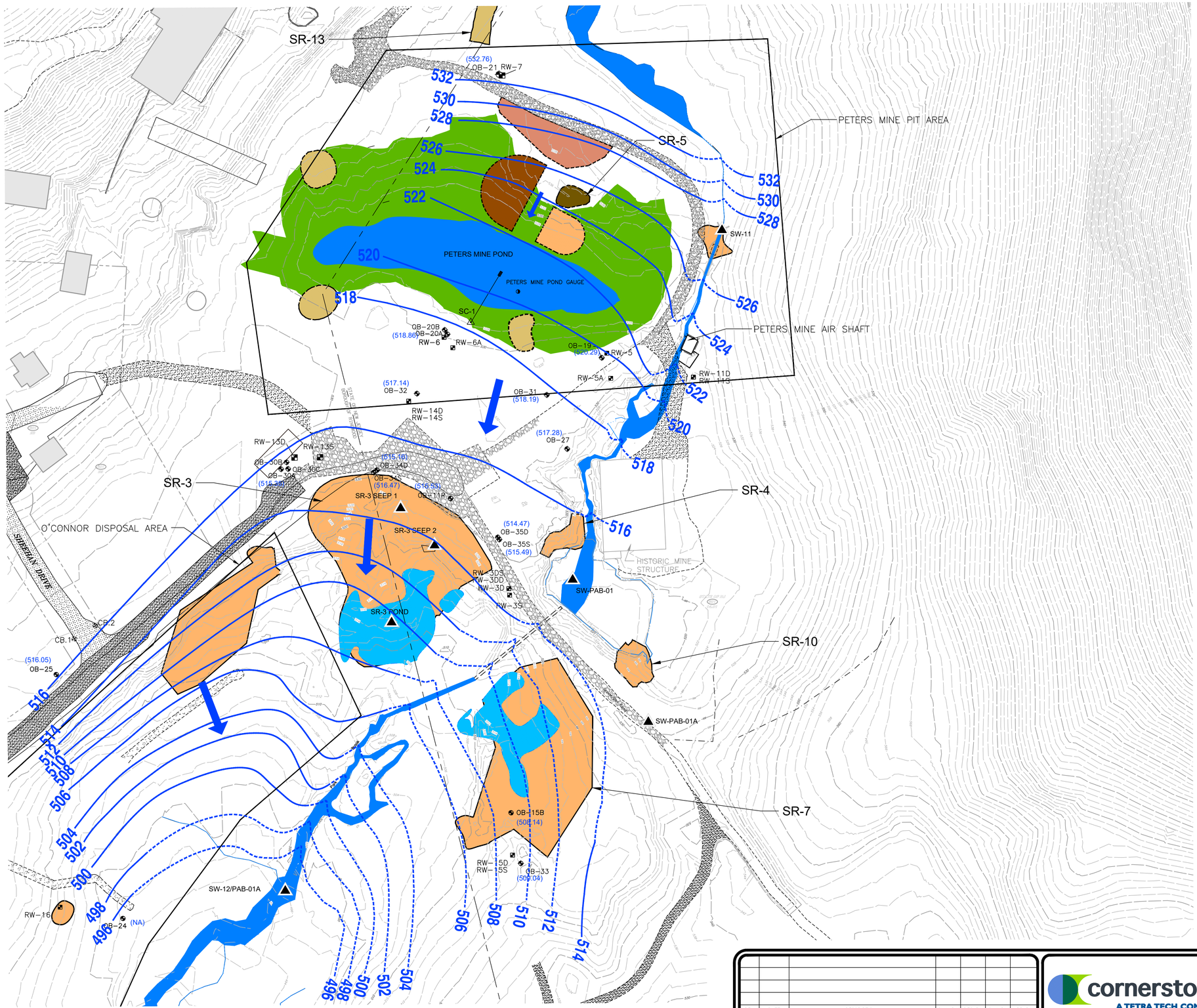
RINGWOOD MINES/LANDFILL SUPERFUND SITE
RINGWOOD, NEW JERSEY

SAMPLING LOCATION PLAN

SHEET NO. 1

PROJECT NO. 4213111

File: X:\PROJECTS\FORD MOTOR COMPANY\140802 - RINGWOOD MINES_LANDFILL SUPERFUND SITE_Project Drawings\Annual Report Maps\2024-03-05 UPDATES\FMCR01-S-F-01-SITE PLAN TOPO.DWG Layout: FIGURE 01 User: john.giuliano Mar 06, 2024 - 4:48pm



LEGEND:

- 530 — EXISTING CONTOUR
- LIMIT OF SURFACE WATER
- OVERHEAD UTILITY LINES
- PROPERTY BOUNDARY
- TREE LINE
- EXISTING DIRT TRAIL/ROAD
- STABILIZED ACCESS ROAD
- OB-19 — OVERBURDEN MONITORING WELL
- STAFF GAUGE
- RW-5 — BEDROCK MONITORING WELL
- VS-1 / RSH-1 — MINE SHAFTS
- SC-1 — DIRECTIONAL MONITORING WELL
- 601 — BLOCK
- 12 — LOT
- AMSL — ABOVE MEAN SEA LEVEL
- FT — FEET
- 518 — GROUNDWATER ELEVATION CONTOUR – OVERBURDEN (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION OF OVERBURDEN
- (512.70) — GROUNDWATER/SURFACE WATER ELEVATION (FEET AMSL)
- SW-11 — SURFACE WATER – SAMPLE LOCATION
- SW-PMB-01 — SURFACE WATER – SAMPLE LOCATION FROM PETERS MINE BROOK
- SW-PAB-01 — SURFACE WATER – SAMPLE LOCATION FROM PARK BROOK
- APPROXIMATE LIMITS OF REMOVAL AREAS – SOIL, PAINT SLUDGE, AND DRUM REMNANTS
- APPROXIMATE LIMITS OF REMOVAL AREA – SOIL AND DRUM REMNANTS
- APPROXIMATE LIMITS OF REMOVAL AREA – SOIL, DRUMS, AND DRUM REMNANTS
- APPROXIMATE LIMITS OF REMOVAL AREAS – SOIL AND PAINT SLUDGE
- APPROXIMATE LIMITS OF SURFICIAL SOIL SCRAPING
- HISTORICAL FILL AREA SURROUNDING PETERS MINE POND (AREA 1)
- INDICATES VERNAL CONDITIONS TYPICALLY OBSERVED IN THE SPRING AND FALL SEASONS
- WATER BODY
- STREAM

NOTES:

1. RW-3S REPRESENTS THE 77-87 FOOT INTERVAL AND RW-3D IS A MULTIPORT WELL.
2. RW-13S REPRESENTS THE 71-91 FOOT INTERVAL AND RW-13D IS A MULTIPORT WELL.
3. NA – OB-24 EXTENDED. WELL TO BE SURVEYED FOLLOWING COMPLETION OF RECYCLING CENTER.
4. SC-1 ABANDONED.

0 60' 120'
GRAPHIC SCALE

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RINGWOOD MINES/LANDFILL SITE
RINGWOOD, NEW JERSEY

OVERBURDEN WELL LOCATIONS AND OVERBURDEN GROUNDWATER CONTOURS IN THE PETERS MINE PIT - FEBRUARY 2025

SHEET NO. **2**

PROJECT NO. 4213111

1" 1/2" 0" 1"

File: X:\PROJECTS\FORD MOTOR COMPANY\140802 - RINGWOOD MINES_LANDFILL SUPERFUND SITE_Project Drawings\Annual Report Maps\2025-04-10 updates\FMC801-S-F-02-08 WELL PETERS MINE PIT.DWG Layout: FIGURE 02 User: ASHLEY.KORN Apr 10, 2025 - 9:11am

PETERS MINE POND

PETERS MINE PIT AREA

PETERS MINE AIR SHAFT

PETERS MINE AIR SHAFT

O'CONNOR DISPOSAL AREA

SHERMAN RIVER

SR-3

SR-4

SR-5

SR-7

SR-10

SR-13

HISTORICAL MINE STRUCTURES

ROCKWOOD

535

530

525

520

515

510

505

500

495

490

(536.67)
OB-21 RW-7

(521.08)
OB-20B OB-20D RW-6 RW-6A

(521.18)
RW-5

(520.65)
RW-11D

(521.07)
RW-14 RW-140 RW-143

(521.14)
RW-13D

OB-19

OB-31

OB-27

OB-34D OB-34S OB-34

OB-11F

OB-35D OB-35S

RW-3D RW-3S RW-3M

(515.01)
RW-3S

OB-15B

(509.58)
RW-12D RW-12S (512.04)

OB-11

RW-4A

RW-4

OB-9.2

OB-10

OB-8

(515.97)
RW-13S RW-13M RW-13D

RW-16 (NA)

OB-24

OB-14B

OB-14A

OB-16

OB-17

OB-18

(489.97)
RW-17S RW-17D

(490.83)
RW-18S RW-18D RW-18M

582.6 554.4 640.6 556.2 548.5 534.8 563.2 634.2 561.5 535.5 534.2 532.2 617.4 551.3 551.4 523.1 506.4 503.5 516.8 516.3 523.8 515.6 499.7 491.7 485.3 481.6 491.4 479.6 496.4 517.1 510.6 505.3 525.7 566.1 513.5 543.9 536.2 534 527.1 526.3 552.9 492.6 525.3 485.9 492.1 484.9

LEGEND:

- 530 — EXISTING CONTOUR
- LIMIT OF SURFACE WATER
- OVERHEAD UTILITY LINES
- EXISTING DIRT TRAIL/ROAD
- STABILIZED ACCESS ROAD
- OB–27 — OVERBURDEN MONITORING WELL
- RW–5 — BEDROCK MONITORING WELL
- SC-1 — DIRECTIONAL MONITORING WELL
- 601 — BLOCK
- 12 — LOT
- AMSL — ABOVE MEAN SEA LEVEL
- FT — FEET
- 520 — GROUNDWATER ELEVATION CONTOUR – SHALLOW BEDROCK (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION OF SHALLOW BEDROCK INTERVAL 100' (2–FT CONTOUR INTERVAL)
- (509.61) — GROUNDWATER ELEVATION (FEET AMSL)
- * — GROUNDWATER ELEVATION NOT USED. WATER AT TOP OF CASING.
- APPROXIMATE LIMITS OF REMOVAL AREAS – SOIL, PAINT SLUDGE, AND DRUM REMNANTS
- APPROXIMATE LIMITS OF REMOVAL AREA – SOIL AND DRUM REMNANTS
- APPROXIMATE LIMITS OF REMOVAL AREA – SOIL, DRUMS, AND DRUM REMNANTS
- APPROXIMATE LIMITS OF REMOVAL AREAS – SOIL AND PAINT SLUDGE
- APPROXIMATE LIMITS OF SURFICIAL SOIL SCRAPING
- HISTORICAL FILL AREA SURROUNDING PETERS MINE POND (AREA 1)
- INDICATES VERNAL CONDITIONS TYPICALLY OBSERVED IN THE SPRING AND FALL SEASONS
- WATER BODY
- STREAM

NOTES:

1. BEDROCK CONTOURS BASED ON INTERVAL 75 TO 125 FEET BELOW GROUND SURFACE (405–440 FT AMSL).
2. RW–5A AND RW–6A NOT USED TO CONTOUR BEDROCK.
3. RW–3S REPRESENTS THE 77–87 FOOT INTERVAL AND RW–3D IS A MULTIPORT WELL.
4. RW–13S REPRESENTS THE 71–91 FOOT INTERVAL AND RW–13D IS A MULTIPORT WELL.
5. NA – RW–16 EXTENDED. WELL TO BE SURVEYED FOLLOWING COMPLETION OF THE RECYCLING CENTER.

0 100' 200'
GRAPHIC SCALE

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RINGWOOD MINES/LANDFILL SITE
RINGWOOD, NEW JERSEY

WELL LOCATIONS AND SHALLOW BEDROCK POTENTIOMETRIC SURFACE CONTOURS IN THE PETERS MINE PIT - FEBRUARY 2025

SHEET NO. **3**

PROJECT NO. 4213111

1" 1/2" 0" 1"

File: X:\PROJECTS\FORD MOTOR COMPANY\140802 - RINGWOOD MINES_LANDFILL SUPERFUND SITE_Project Drawings\Annual Report Maps\2025-04-10 updates\FMCR01-S-F-03-SHALLOW BEDROCK PETERS MINE PIT.dwg Layout: FIGURE 03 User: ASHLEY.KORN Apr 10, 2025 - 1:56pm

BOROUGH OF RINGWOOD

601

14

BOROUGH RECYCLING CENTER

SHEEHAN DRIVE

PETERS MINE ROAD

SR-3

PARK BROOK

OB-25 (516.05)

OB-24 (NA)

OB-23 (NA)

OB-22 (NA)

OB-14B (NA)

OB-14A (NA)

OB-16 (NA)

OB-17 (484.95)

OB-18 (493.08)

516 514 512 510 508 506 504 502 500 498 496 494 492 490 488 486

BLOCK 601 LOT 14

LEGEND:

- 530 — EXISTING CONTOUR
- 514 — GROUNDWATER ELEVATION CONTOUR – OVERBURDEN (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- (484.90) GROUNDWATER ELEVATION FT AMSL
- AMSL ABOVE MEAN SEA LEVEL
- FT FEET
- LIMIT OF SURFACE WATER
- OVERHEAD UTILITY LINES
- PROPERTY BOUNDARY
- OUTLINE OF O'CONNOR DISPOSAL AREA
- EXISTING DIRT ROAD/TRAIL
- OB-16 OVERBURDEN MONITORING WELL LOCATION
- OCDA O'CONNOR DISPOSAL AREA
- APPROXIMATE LIMITS OF REMOVAL AREAS – SOIL, PAINT SLUDGE, AND DRUM REMNANTS
- INDICATES VERNAL CONDITIONS TYPICALLY OBSERVED IN THE SPRING AND FALL SEASONS
- WATER BODY
- STREAM

NOTES:

1. NA = WELLS EXTENDED. TO BE SURVEYED FOLLOWING COMPLETION OF THE RECYCLING CENTER.

0 30 60 90
SCALE IN FEET

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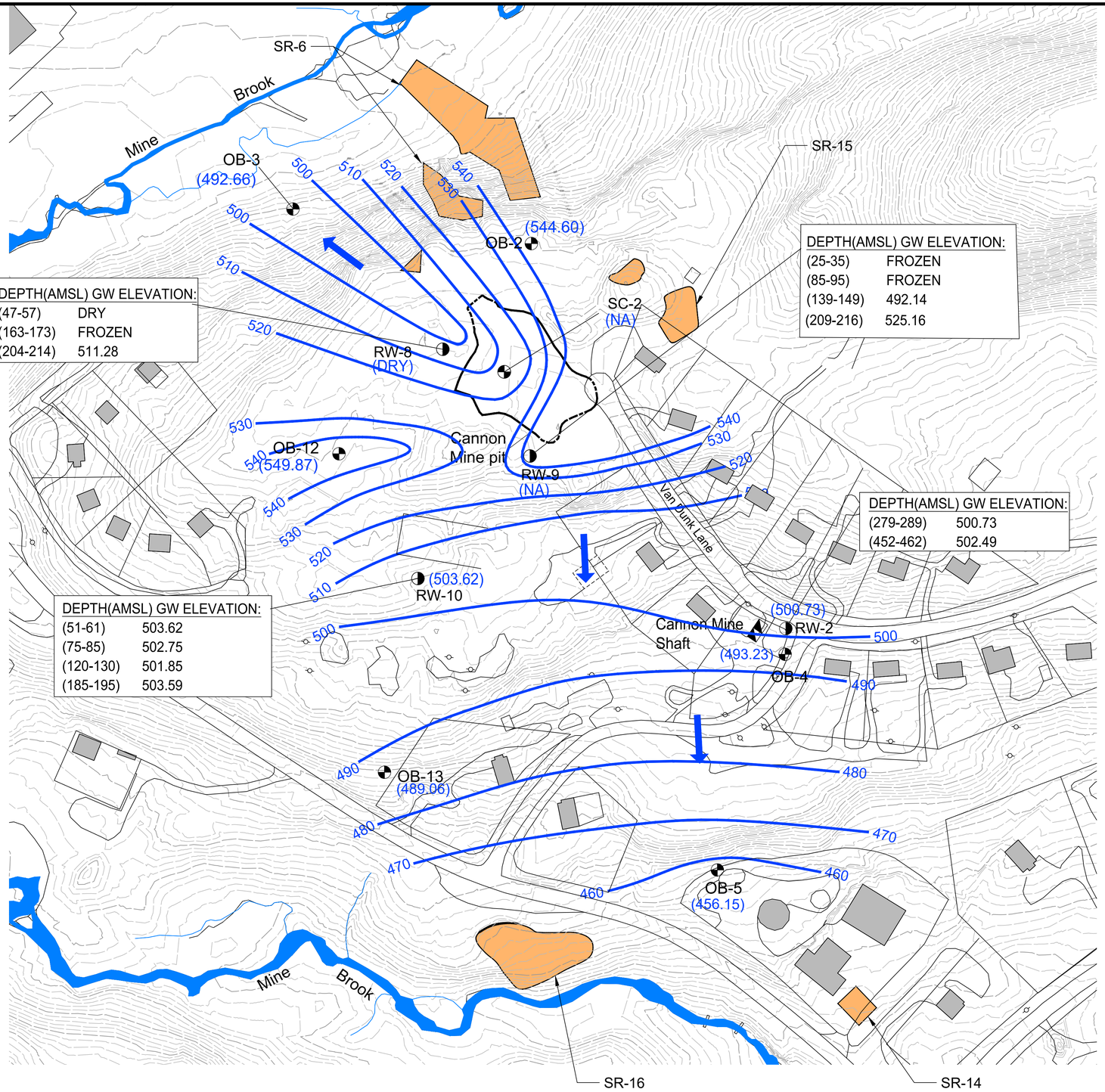
WELL LOCATIONS AND OVERBURDEN GROUNDWATER ELEVATION CONTOURS IN THE FORMER OCDA - FEBRUARY 2025

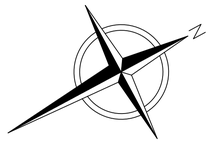
SHEET NO. **4**

PROJECT NO. 4213111

1" 1/2" 0" 1"

File: X:\PROJECTS\FORD MOTOR COMPANY\145802 - RINGWOOD MINES_LANDFILL SUPERFUND SITE_Project Drawings\Annual Report Maps\2025-04-10 updates\FMCSR01-S-F-04-GW OCDA.dwg Layout: FIGURE 04 User: ASHLEY.KORN Apr 10, 2025 - 1:56pm





LEGEND:

- RESIDENCE
- TRAILS
- ROADWAYS
- WATERWAYS, BROOKS
- GROUND SURFACE ELEVATION CONTOUR
- UTILITY POLE
- RW-10 (498.79) — BEDROCK MONITORING WELL WITH GROUNDWATER ELEVATION
- AMSL — ABOVE MEAN SEA LEVEL
- FT — FEET
- 490 — GROUNDWATER ELEVATION – SHALLOW BEDROCK (DASHED WHERE INFERRED)
- (484.90) — GROUNDWATER ELEVATION FT AMSL
- GROUNDWATER FLOW DIRECTION OF SHALLOW BEDROCK INTERVAL (FT. AMSL.) (10–FT CONTOUR INTERVAL)
- APPROXIMATE LIMITS OF PAINT SLUDGE REMOVAL AREAS
- WATER BODY
- STREAM
- CMP — CANNON MINE PIT

NOTES:

1. NA – SC–2 ABANDONED.
2. RW–8 WAS DRY AT THE TIME OF WELL GAUGING.
3. RW–9A–S, RW–9A–D, AND RW–8S WERE FROZEN AT THE TIME OF WELL GAUGING.

0 100 200 300
SCALE IN FEET

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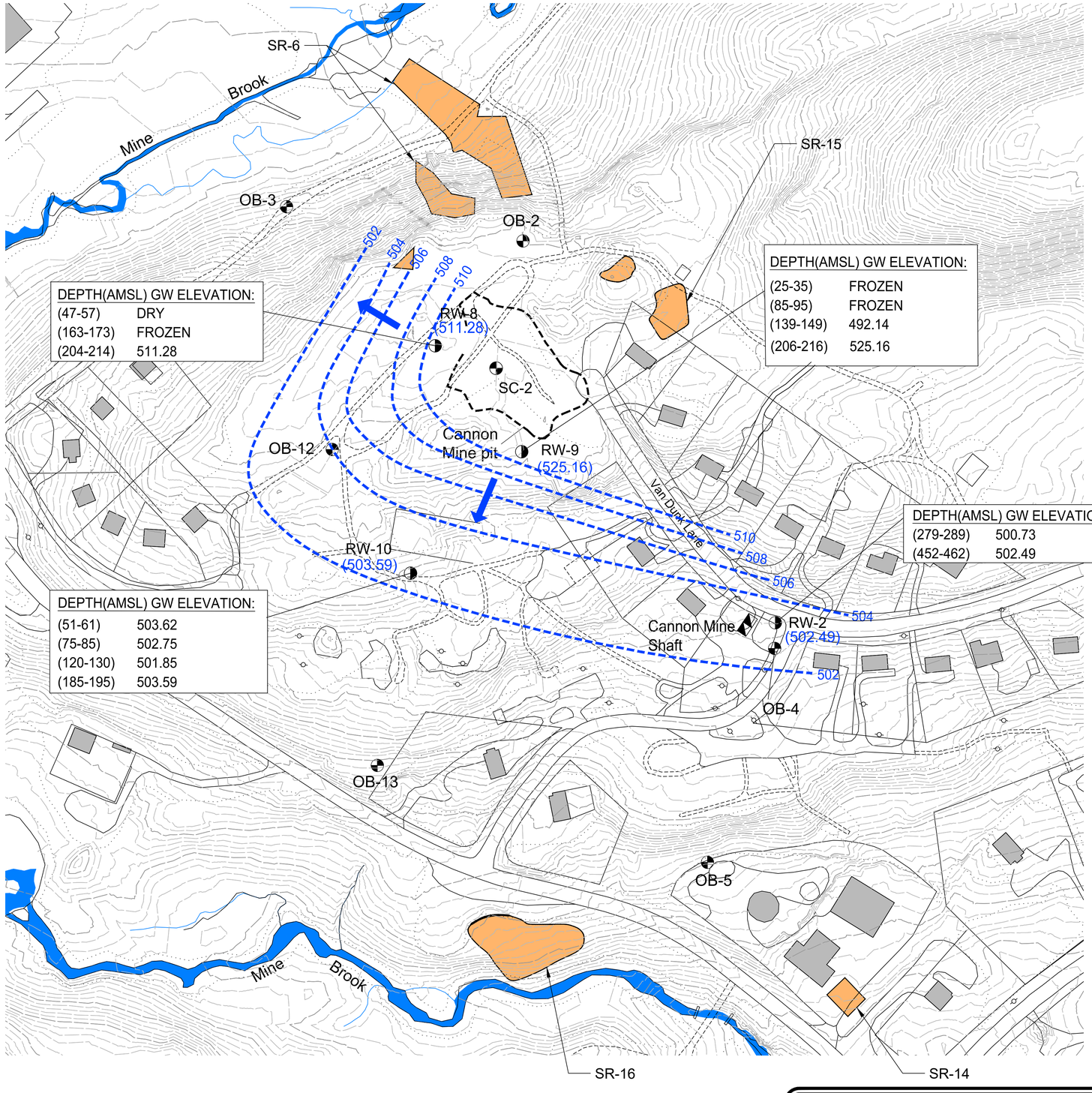
RINGWOOD MINES/LANDFILL SITE
RINGWOOD, NEW JERSEY

WELL LOCATIONS AND SHALLOW BEDROCK POTENTIOMETRIC SURFACE CONTOURS IN THE CMP - FEBRUARY 2025

SHEET NO. **5**
PROJECT NO. 4213111

1" 1/2" 0" 1"

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LEGEND:

- RESIDENCE
- TRAILS
- ROADWAYS
- WATERWAYS, BROOKS
- GROUND SURFACE ELEVATION CONTOUR
- UTILITY POLE
- RW-10 (498.79) — BEDROCK MONITORING WELL WITH GROUNDWATER ELEVATION
- AMSL — ABOVE MEAN SEA LEVEL
- FT — FEET
- 502 — GROUNDWATER ELEVATION – SHALLOW BEDROCK (DASHED WHERE INFERRED)
- (484.90) — GROUNDWATER ELEVATION FT AMSL
- GROUNDWATER FLOW DIRECTION OF DEEP BEDROCK INTERVAL (FT AMSL)
- APPROXIMATE LIMITS OF PAINT SLUDGE REMOVAL AREAS
- WATER BODY
- STREAM
- CMP — CANNON MINE PIT

0 100 200 300
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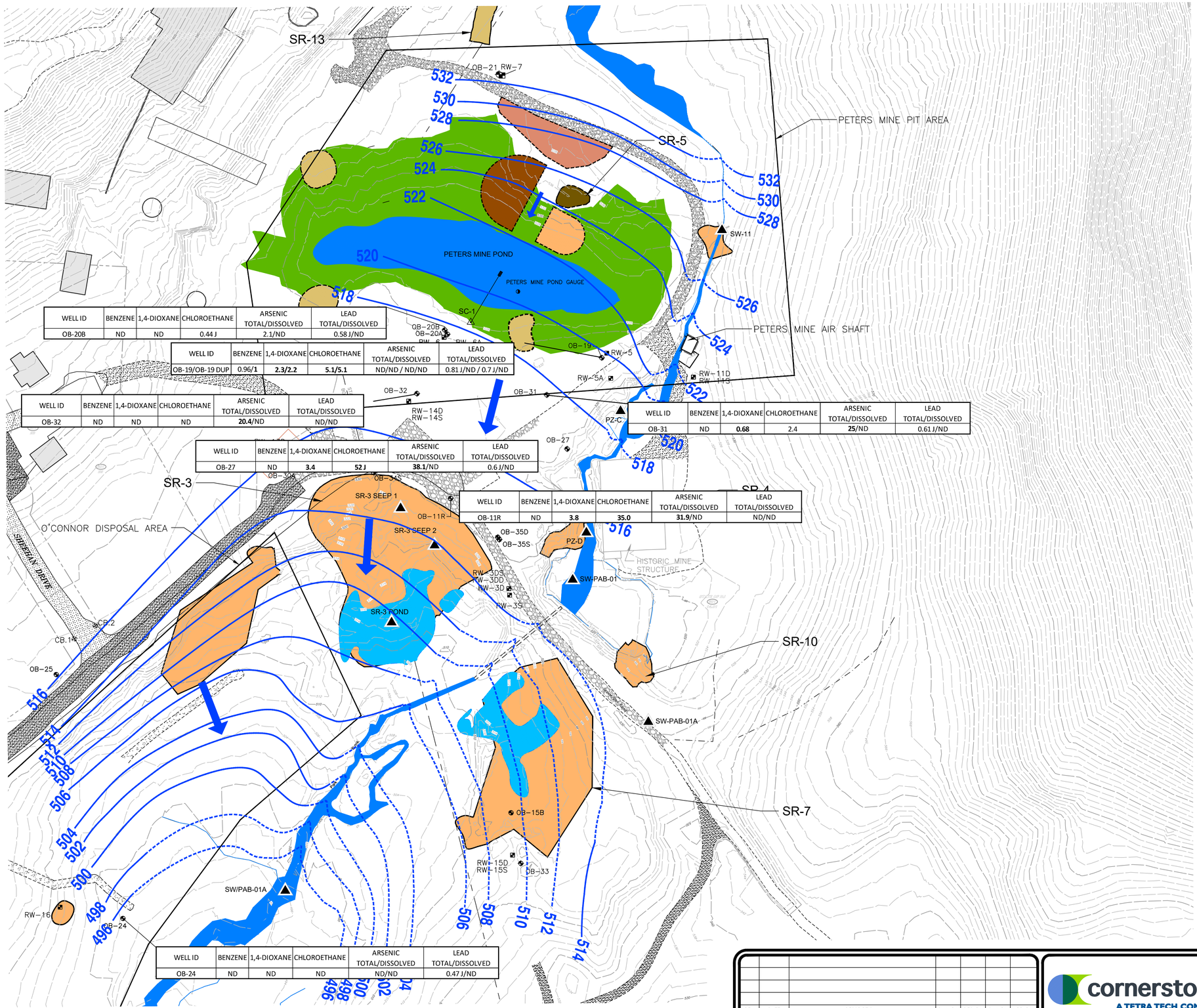
WELL LOCATIONS AND DEEP BEDROCK POTENTIOMETRIC SURFACE CONTOURS IN THE CMP - FEBRUARY 2025

SHEET NO. **6**

PROJECT NO. 4213111

1" 1/2" 0" 1"

File: \\tt-boss\vol1\p4\25\PROJECTS\FORD MOTOR COMPANY\144902 – RINGWOOD MINES_LANDFILL SUPERFUND SITE_Project Drawings\Annual Report Maps\2025-04-10 updates\FMC001-S-F-006-DEEP BEDROCK CMP.dwg Layout: FIGURE 06 User: ROBERT.SCHELLBERG May 01, 2025 – 8:18am



WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
OB-20B	ND	ND	0.44 J	2.1/ND	0.58 J/ND

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
OB-19/OB-19 DUP	0.96/1	**2.3/2.2**	**5.1/5.1**	ND/ND / ND/ND	0.81 J/ND / 0.7 J/ND

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
OB-32	ND	ND	ND	**20.4**/ND	ND/ND

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
OB-31	ND	**0.68**	2.4	**25**/ND	0.61 J/ND

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
OB-27	ND	**3.4**	**52 J**	**38.1**/ND	0.6 J/ND

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
OB-11R	ND	**3.8**	**35.0**	**31.9**/ND	ND/ND

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
OB-24	ND	ND	ND	ND/ND	0.47 J/ND

LEGEND:

- EXISTING CONTOUR
- LIMIT OF SURFACE WATER
- OVERHEAD UTILITY LINES
- PROPERTY BOUNDARY
- TREE LINE
- EXISTING DIRT TRAIL/ROAD
- STABILIZED ACCESS ROAD
- OB-19 — OVERBURDEN MONITORING WELL
- STAFF GAUGE
- RW-5 — BEDROCK MONITORING WELL
- VS-1 / RSH-1 — MINE SHAFTS
- SC-1 — DIRECTIONAL MONITORING WELL
- 601 — BLOCK
- 12 — LOT
- 526 — GROUNDWATER ELEVATION CONTOUR – OVERBURDEN (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION OF OVERBURDEN
- SW/SD-11 — SURFACE WATER AND SEDIMENT – SAMPLE LOCATION/ STAFF GUAGE
- SW/SD-PMB-01 — SURFACE WATER AND SEDIMENT – SAMPLE LOCATION FROM PETERS MINE BROOK/ STAFF GUAGE
- SW-PAB-01A — SURFACE WATER – SAMPLE LOCATION FROM PARK BROOK
- APPROXIMATE LIMITS OF REMOVAL AREAS – SOIL, PAINT SLUDGE, AND DRUM REMNANTS
- APPROXIMATE LIMITS OF REMOVAL AREA – SOIL AND DRUM REMNANTS
- APPROXIMATE LIMITS OF REMOVAL AREA – SOIL, DRUMS, AND DRUM REMNANTS
- APPROXIMATE LIMITS OF REMOVAL AREAS – SOIL AND PAINT SLUDGE
- APPROXIMATE LIMITS OF SURFICIAL SOIL SCRAPING
- HISTORICAL FILL AREA SURROUNDING PETERS MINE POND (AREA 1)
- INDICATES VERNAL CONDITIONS TYPICALLY OBSERVED IN THE SPRING AND FALL SEASONS
- WATER BODY
- STREAM

PARAMETER	NEW JERSEY GROUNDWATER QUALITY STANDARD (NJGWQS)
BENZENE	1 ug/l
CHLOROETHANE	5^ ug/l
1,4-DIOXANE	0.4 ug/l
ARSENIC	3 ug/l
LEAD	5 ug/l

^ REPRESENTS INTERIM SPECIFIC GROUNDWATER QUALITY STANDARD

ug/L = micrograms/Liter

NOTES:

1. ALL RESULTS IN ug/l.
2. ND = NOT DETECTED.
3. "J" = ESTIMATED VALUE.
4. VALUES IN BOLD TYPE EXCEED NJGWQS.
5. COC = CONSTITUENT OF CONCERN

0 60' 120'
GRAPHIC SCALE

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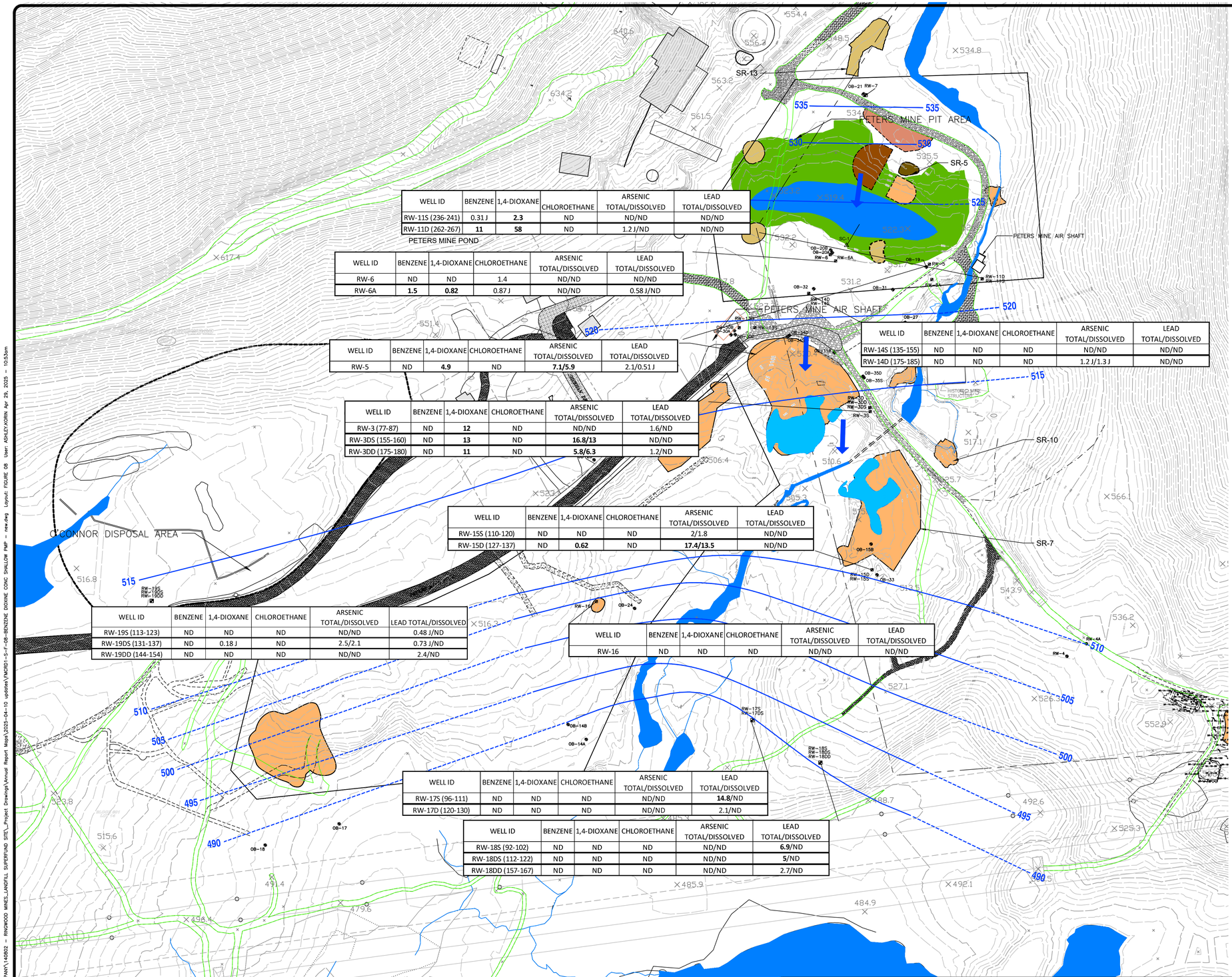
RINGWOOD MINES/LANDFILL SITE
RINGWOOD, NEW JERSEY

OVERBURDEN GROUNDWATER COC
CONCENTRATIONS IN THE PETERS MINE PIT - MARCH 2025

SHEET NO. 7
PROJECT NO. 4213111

1" 1/2" 0" 1"

File: \\tt-boxit\cag\4213\PROJECTS\FORD MOTOR COMPANY\145802 – RINGWOOD MINES_LANDFILL SUPERFUND SITE_Project Drawings\Annual Report May\2025-04-10 updates\FMCR01-S-F-07-BENZENE DIOXANE CONC OB PMP.DWG Layout: FIGURE 07 User: ROBERT.SCHELLBERG May 01, 2025 – 8:22am



WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
RW-11S (236-241)	0.31 J	**2.3**	ND	ND/ND	ND/ND
RW-11D (262-267)	**11**	**58**	ND	1.2 J/ND	ND/ND

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
RW-6	ND	ND	1.4	ND/ND	ND/ND
RW-6A	**1.5**	**0.82**	0.87 J	ND/ND	0.58 J/ND

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
RW-5	ND	**4.9**	ND	**7.1/5.9**	2.1/0.51 J

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
RW-14S (135-155)	ND	ND	ND	ND/ND	ND/ND
RW-14D (175-185)	ND	ND	ND	1.2 J/1.3 J	ND/ND

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
RW-3 (77-87)	ND	**12**	ND	ND/ND	1.6/ND
RW-3DS (155-160)	ND	**13**	ND	**16.8/13**	ND/ND
RW-3DD (175-180)	ND	**11**	ND	**5.8/6.3**	1.2/ND

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
RW-15S (110-120)	ND	ND	ND	2/1.8	ND/ND
RW-15D (127-137)	ND	**0.62**	ND	**17.4/13.5**	ND/ND

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
RW-19S (113-123)	ND	ND	ND	ND/ND	0.48 J/ND
RW-19DS (131-137)	ND	0.18 J	ND	2.5/2.1	0.73 J/ND
RW-19DD (144-154)	ND	ND	ND	ND/ND	2.4/ND

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
RW-16	ND	ND	ND	ND/ND	ND/ND

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
RW-17S (96-111)	ND	ND	ND	ND/ND	**14.8**/ND
RW-17D (120-130)	ND	ND	ND	ND/ND	2.1/ND

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
RW-18S (92-102)	ND	ND	ND	ND/ND	**6.9**/ND
RW-18DS (112-122)	ND	ND	ND	ND/ND	**5**/ND
RW-18DD (157-167)	ND	ND	ND	ND/ND	2.7/ND

LEGEND:

- EXISTING CONTOUR
- LIMIT OF SURFACE WATER
- OVERHEAD UTILITY LINES
- EXISTING DIRT TRAIL/ROAD
- STABILIZED ACCESS ROAD
- OB–27 OVERBURDEN MONITORING WELL
- RW–5 BEDROCK MONITORING WELL
- SC-1 DIRECTIONAL MONITORING WELL
- 601 BLOCK
- 12 LOT
- AMSL ABOVE MEAN SEA LEVEL
- FT FEET
- 520 GROUNDWATER ELEVATION CONTOUR – SHALLOW BEDROCK (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION OF SHALLOW BEDROCK INTERVAL 100' (2–FT CONTOUR INTERVAL)
- APPROXIMATE LIMITS OF REMOVAL AREAS – SOIL, PAINT SLUDGE, AND DRUM REMNANTS
- APPROXIMATE LIMITS OF REMOVAL AREA – SOIL AND DRUM REMNANTS
- APPROXIMATE LIMITS OF REMOVAL AREA – SOIL, DRUMS, AND DRUM REMNANTS
- APPROXIMATE LIMITS OF REMOVAL AREAS – SOIL AND PAINT SLUDGE
- APPROXIMATE LIMITS OF SURFICIAL SOIL SCRAPING
- HISTORICAL FILL AREA SURROUNDING PETERS MINE POND (AREA 1)
- INDICATES VERNAL CONDITIONS TYPICALLY OBSERVED IN THE SPRING AND FALL SEASONS
- WATER BODY
- STREAM

PARAMETER	NEW JERSEY GROUNDWATER QUALITY STANDARD (NJGWQS)
BENZENE	1 ug/l
CHLOROETHANE	5^ ug/l
1,4-DIOXANE	0.4 ug/l
ARSENIC	3 ug/l
LEAD	5 ug/l

^ REPRESENTS INTERIM SPECIFIC GROUNDWATER QUALITY STANDARD

ug/L = micrograms/Liter

NOTES:

1. BEDROCK CONTOURS BASED ON INTERVAL 75 TO 125 FEET BELOW GROUND SURFACE (405–440 FT AMSL).
2. RW–5A AND RW–6A NOT USED TO CONTOUR BEDROCK.
3. RW–3S REPRESENTS THE 77–87 FOOT INTERVAL AND RW–3D IS A MULTIPORT WELL.
4. ALL RESULTS IN ug/l.
5. ND = NOT DETECTED.
6. "J" = ESTIMATED VALUE.
7. VALUES IN BOLD TYPE EXCEED NJGWQS.
8. COC = CONSTITUENT OF CONCERN

0 100' 200'
GRAPHIC SCALE

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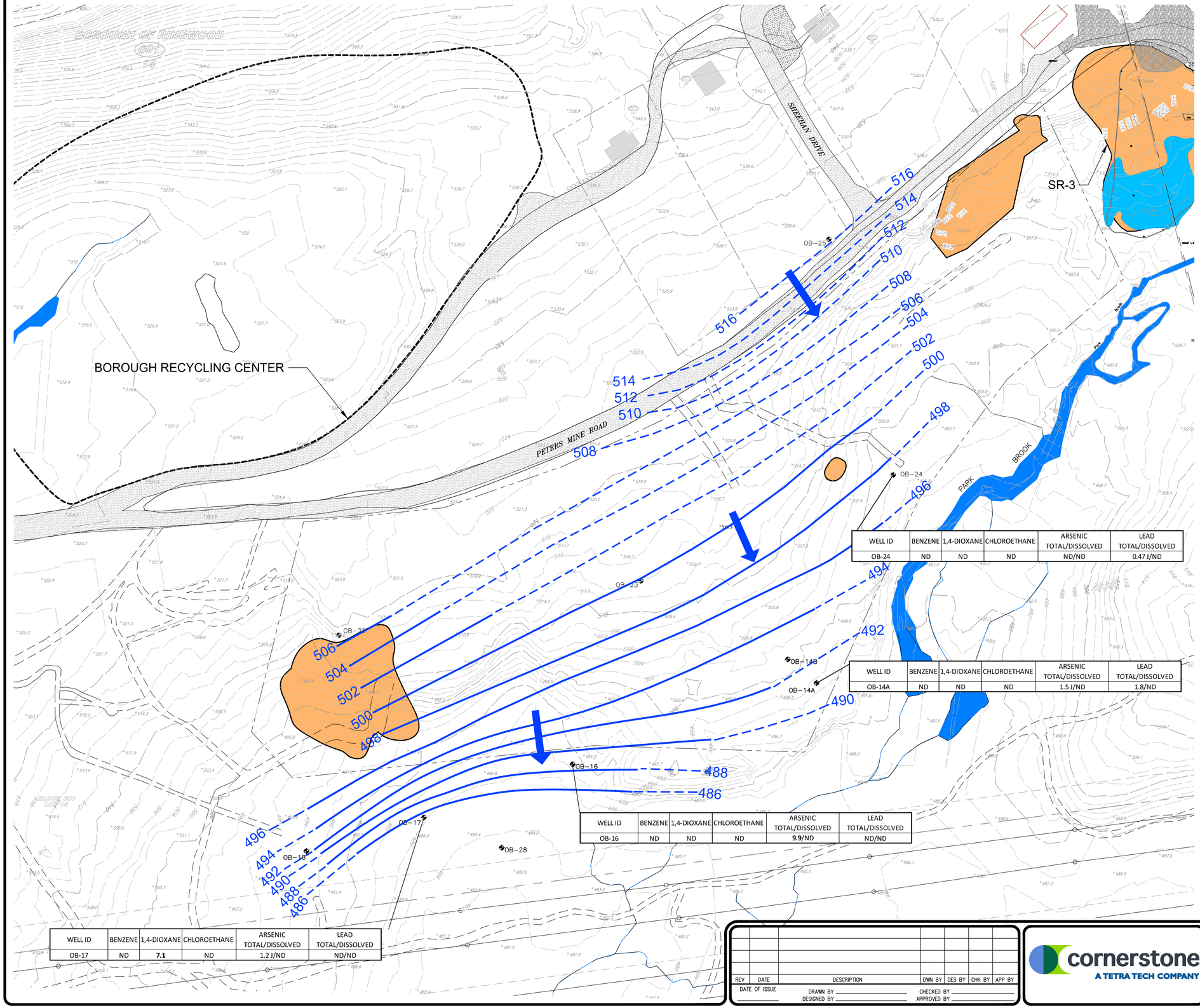
RINGWOOD MINES/LANDFILL SITE
RINGWOOD, NEW JERSEY

BEDROCK GROUNDWATER COC CONCENTRATIONS IN THE PETERS MINE PIT - MARCH 2025

SHEET NO. **8**
PROJECT NO. 4213111

1" 1/2" 0" 1"

File: X:\PROJECTS\FORD MOTOR COMPANY\140802 – RINGWOOD MINES_LANDFILL SUPERFUND SITE_Project Drawings\Annual Report Maps\2025-04-10 updates\FMCR01-S-F-08-BENZENE DIOXANE CONC SHALLOW PMP – new.dwg Layout: FIGURE 08 User: ASHLEY.KORIN Apr 29, 2025 – 10:53am



WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
OB-24	ND	ND	ND	ND/ND	0.47 J/ND

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
OB-14A	ND	ND	ND	1.5 J/ND	1.8/ND

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
OB-16	ND	ND	ND	**9.9**/ND	ND/ND

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
OB-17	ND	**7.1**	ND	1.2 J/ND	ND/ND

LEGEND:

- 530 — EXISTING CONTOUR
- 514 — GROUNDWATER ELEVATION CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION
- LIMIT OF SURFACE WATER
- OVERHEAD UTILITY LINES
- PROPERTY BOUNDARY
- OUTLINE OF O'CONNOR DISPOSAL AREA
- EXISTING DIRT ROAD/TRAIL
- OB-16 ◆ OVERBURDEN MONITORING WELL LOCATION
- OCDA O'CONNOR DISPOSAL AREA
- APPROXIMATE LIMITS OF REMOVAL AREAS – SOIL, PAINT SLUDGE, AND DRUM REMNANTS
- INDICATES VERNAL CONDITIONS TYPICALLY OBSERVED IN THE SPRING AND FALL SEASONS
- WATER BODY
- STREAM
- SW-PAB-01 ▲ SURFACE WATER – SAMPLE LOCATION FROM PARK BROOK

PARAMETER	NEW JERSEY GROUNDWATER QUALITY STANDARD (NJGWQS)
BENZENE	1 ug/l
CHLOROETHANE	5^ ug/l
1,4-DIOXANE	0.4 ug/l
ARSENIC	3 ug/l
LEAD	5 ug/l

^ REPRESENTS INTERIM SPECIFIC GROUNDWATER QUALITY STANDARD

ug/L = micrograms/Liter

NOTES:

1. ALL RESULTS IN ug/l.
2. ND = NOT DETECTED.
3. "J" = ESTIMATED VALUE.
4. VALUES IN BOLD TYPE EXCEED NJGWQS.
5. COC = CONSTITUENT OF CONCERN

0 30 60 90
SCALE IN FEET

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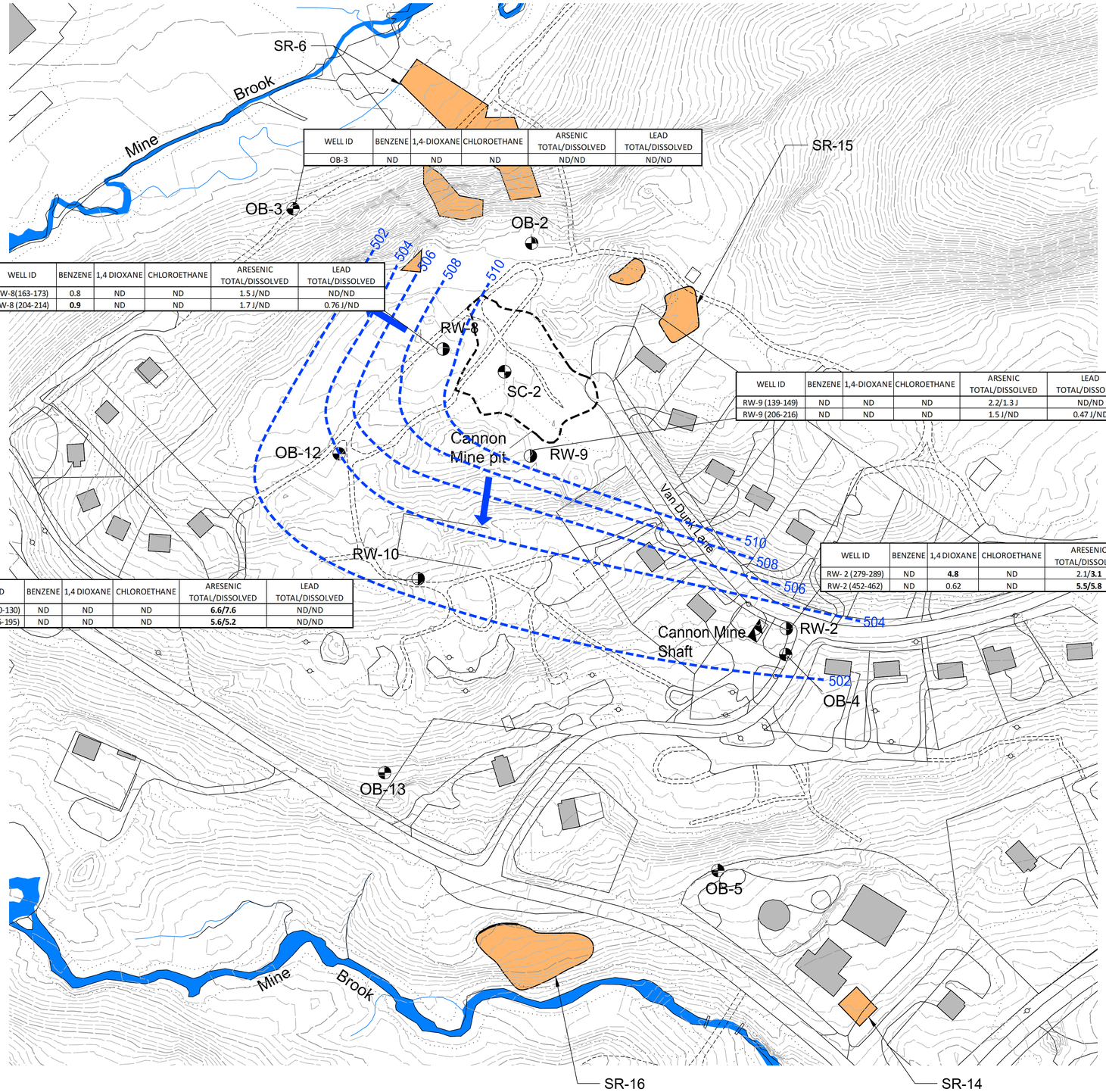
RINGWOOD MINES/LANDFILL SITE
RINGWOOD, NEW JERSEY

OVERBURDEN GROUNDWATER COC
CONCENTRATIONS IN THE FORMER OCDA - MARCH 2025

SHEET NO. **9**
PROJECT NO. 4213111

1" 1/2" 0" 1"

File: X:\PROJECTS\FORD MOTOR COMPANY\142602 - RINGWOOD MINES_LANDFILL SUPERFUND SITE_Project Drawings\Annual Report Maps\2025-04-10 updates\FMC901-S-F-09-BENZENE DIOXINE GW CONC OCDA.dwg Layout: FIGURE 09 User: ASHLEY.KORN Apr 29, 2025 - 10:53am



WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
OB-3	ND	ND	ND	ND/ND	ND/ND

WELL ID	BENZENE	1,4 DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
RW-8(163-173)	0.8	ND	ND	1.5 J/ND	ND/ND
RW-8 (204-214)	**0.9**	ND	ND	1.7 J/ND	0.76 J/ND

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
RW-9 (139-149)	ND	ND	ND	2.2/1.3 J	ND/ND
RW-9 (206-216)	ND	ND	ND	1.5 J/ND	0.47 J/ND

WELL ID	BENZENE	1,4 DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
RW- 2 (279-289)	ND	**4.8**	ND	2.1/**3.1**	0.44 J/ND
RW-2 (452-462)	ND	0.62	ND	**5.5/5.8**	ND/ND

WELL ID	BENZENE	1,4 DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
RW- 10 (120-130)	ND	ND	ND	**6.6/7.6**	ND/ND
RW-10 (185-195)	ND	ND	ND	**5.6/5.2**	ND/ND

LEGEND:

- RESIDENCE
- TRAILS
- ROADWAYS
- WATERWAYS, BROOKS
- GROUND SURFACE ELEVATION CONTOUR
- UTILITY POLE
- OB-3 — SHALLOW BEDROCK MONITORING WELL
- RW-10 — BEDROCK MONITORING WELL
- AMSL — ABOVE MEAN SEA LEVEL
- FT — FEET
- 502 — GROUNDWATER ELEVATION CONTOUR DEEP BEDROCK (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION OF DEEP BEDROCK INTERVAL (FT. AMSL.) (2–FT CONTOUR INTERVAL)
- APPROXIMATE LIMITS OF PAINT SLUDGE REMOVAL AREAS
- WATER BODY
- STREAM

PARAMETER	NEW JERSEY GROUNDWATER QUALITY STANDARD (NJGWQS)
BENZENE	1 ug/l
CHLOROETHANE	5^ ug/l
1,4-DIOXANE	0.4 ug/l
ARSENIC	3 ug/l
LEAD	5 ug/l

^ REPRESENTS INTERIM SPECIFIC GROUNDWATER QUALITY STANDARD

ug/L = micrograms/Liter

NOTES:

1. ALL RESULTS IN ug/l.
2. ND = NOT DETECTED.
3. VALUES IN BOLD TYPE EXCEED NJGWQS.
4. "J" = ESTIMATED VALUE.
5. NS = NOT SAMPLED DUE TO INADEQUATE GROUNDWATER RECHARGE.
6. COC = CONSTITUENT OF CONCERN

0 100 200 300
SCALE IN FEET

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RINGWOOD MINES/LANDFILL SITE
RINGWOOD, NEW JERSEY

GROUNDWATER COC CONCENTRATIONS IN THE CMP - MARCH 2025

SHEET NO. **10**
PROJECT NO. 4213111

1" 1/2" 0" 1"

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N

Peters Mine Pit Area

ID	BENZENE	1,4 DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
SW-PAB-00	ND	ND	ND	ND/ND	ND/ND

SR-12 Hope Pit

OB-26

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
SW-11	ND	ND	ND	ND/ND	ND/ND

Hope Shaft

SR-8

SR-5

OB-8

SW-8 PAB-00

SW-NOB-01

ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
SW-NOB-01	ND	ND	ND	ND/ND	ND/ND

SR-13

Peters Mine Air Shaft

SR-4

SR-10

SR-2

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
SW-PAB-01	ND	0.55	ND	ND/ND	ND/ND

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
SR-3 POND	NA	NA	NA	NA	NA

SR-3 (SR-3 SEEP 1 & 2 AND POND)

SR-3 SEEP

SR-7

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
SW-PAB-01A	ND	ND	ND	ND/ND	0.71 J/ND

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
SR-3-SEEP 1	NA	NA	NA	NA	NA

Borough Recycling Center

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
SR-3-SEEP 2	ND	1.5	ND	ND/ND	ND/ND
SR-3-SEEP 2 DUP	ND	1.5	ND	ND/ND	ND/ND

SW-PAB-02

ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
SW-PAB-02	ND	ND	ND	ND/ND	ND/ND

SW-PAB-01

SW-15

SW-PAB-03

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
SW-PAB-03	ND	ND	ND	ND/ND	ND/ND

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
SW-PMB-01	ND	ND	ND	ND/ND	ND/ND

SW-9

SW-PAB-03A

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
SW-NOB-02	ND	ND	ND	ND/ND	ND/ND

O'Connor Disposal Area

SW-NOB-02

SW-10

SW-PAB-04

SW-RM-01

SW-RC-01

Sally's Pond

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
SW-PAB-04	ND	ND	ND	ND/ND	ND/ND

Diamond Seep

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
SW-PMB-02	ND	ND	ND	ND/ND	0.71 J/ND

SW-SP-00

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
SW-SP-01	ND	ND	ND	ND/ND	ND/ND

SW/SP-01

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
SW-MRB-00	ND	ND	ND	ND/ND	ND/ND

MRB-00

RW-1

OB-1

SW-1

Cannon Mine Shaft

SR-15

Borough of Ringwood Landfill Area

SR-14

SW-PMB-02A

Cannon Mine Pit Area

OB-2

RW-9A

SW-MRB-01

SC-2

RW-9

RW-8A

RW-8

OB-3

OB-12

RW-10

RW-10A

OB-13

OB-5

SW-3/SD-3

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
SW-MRB-01	ND	ND	ND	ND/ND	0.87 J/ND

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
SW-03	ND	ND	ND	ND/ND	ND/ND

SW-17

SW-RC-02

SR-16

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
SW-MRB-02	ND	ND	ND	ND/ND	1.9/0.97 J

SW-MRB-02

SW-2

TERRACE KING AVENUE

Borough Hall

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
SW-04	ND	ND	ND	ND/ND	ND/ND

SW-16

SW-4

SW-RC-03

ROAD

WELL ID	BENZENE	1,4-DIOXANE	CHLOROETHANE	ARSENIC TOTAL/DISSOLVED	LEAD TOTAL/DISSOLVED
SW-MRB-03	ND	ND	ND	ND/ND	ND/ND

SW-MRB-03

WANAQUE RESERVOIR
APPROXIMATELY 800'

PARAMETER	NEW JERSEY SURFACE WATER QUALITY STANDARD (NJSWQS)
BENZENE	0.15 ug/l
CHLOROETHANE	--
1,4-DIOXANE	--
ARSENIC	0.017 ug/l
LEAD	5 ug/l

NOTES:

1. MAP SOURCE: "SITE PLAN DEPICITING TOPOGRAPHIC FEATURES," RINGWOOD MINES/LANDFILL SITE, SITE RELATED GROUNDWATER REMEDIAL INVESTIGATION REPORT, MAP LATEST REVISION DATE 11/24/14.
2. THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION DOES NOT HAVE A SURFACE WATER QUALITY STANDARD FOR 1,4-DIOXANE.
3. THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION GROUNDWATER QUALITY STANDARD FOR 1,4-DIOXANE IS 0.4 ug/l, EFFECTIVE 11/25/15.
4. ALL RESULTS IN UG/L.
5. ND = NOT DETECTED.
6. "J" = ESTIMATED VALUE.
7. VALUES IN BOLD TYPE EXCEED NJSWQS.
8. NA = NOT AVAILABLE FOR SAMPLING. LOCATION DRY.
9. COC = CONSTITUENT OF CONCERN

LEGEND

- BEDROCK WELL
- DEEP BEDROCK WELL
- DIRECTIONAL WELL
- UNCONSOLIDATED WELL
- OVERBURDEN WELL
- MONITORING WELL DAMAGED OR NOT AVAILABLE FOR SAMPLING
- APPROXIMATE LIMITS OF REMOVAL AREAS – SOIL, PAINT SLUDGE, AND DRUM REMNANTS
- APPROXIMATE LIMITS OF REMOVAL AREA – SOIL AND DRUM REMNANTS
- APPROXIMATE LIMITS OF REMOVAL AREA – SOIL, DRUMS, AND DRUM REMNANTS
- APPROXIMATE LIMITS OF REMOVAL AREAS – SOIL AND PAINT SLUDGE
- APPROXIMATE LIMITS OF SURFICIAL SOIL SCRAPING
- HISTORICAL FILL AREA SURROUNDING PETERS MINE PIT (AREA 1)
- INDICATES VERNAL CONDITIONS TYPICALLY OBSERVED IN THE SPRING AND FALL SEASONS
- WATER BODY
- SW-2 ▲ SURFACE WATER AND SEDIMENT – SAMPLE LOCATION
- SW-MRB-01 ▲ SURFACE WATER – SAMPLE LOCATION FROM MINE BROOK
- SW-PMB-01 ▲ SURFACE WATER – SAMPLE LOCATION FROM PETERS MINE BROOK
- SW-NOB-01 ▲ SURFACE WATER – SAMPLE LOCATION FROM NORTH BROOK
- SW-PAB-01 ▲ SURFACE WATER – SAMPLE LOCATION FROM PARK BROOK
- SW-SP-01 ▲ SURFACE WATER – SAMPLE LOCATION FROM SALLY'S POND
- TRAIL/ DIRT ROAD
- STREAM
- INFERRED STREAM
- ug/L = MICROGRAMS/LITER

400 200 0 400 800 1200

SCALE: 1"=400'

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RINGWOOD MINES/LANDFILL SUPERFUND SITE
RINGWOOD, NEW JERSEY

SURFACE WATER COC CONCENTRATIONS - MARCH 2025

SHEET NO. 11

PROJECT NO. 4213111

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ATTACHMENT B

FIELD SAMPLING DATA SHEETS

Cornerstone
Groundwater Sampling Form

Project Number: 209-4213111 Task: 003 Well ID: RW-145 (135-153) - 022625
Date: 02/26/25 Sampled By: DW
Sampling Time: 1120 Recorded By: DW
Weather: Mostly Sunny, windy Replicate/Split: NONE
Cool, 47°F

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)	
Serial #:	Min -	Solinist	Horbia U-52	DKHGKOSM

PURGING INFORMATION

Casing Material: PVC Purge Method: 2IST
Casing Diameter: 1" Screen Interval: 135-153
Total Depth: 153 Pump intake depth: 135
Depth to Water: 10.46
Water Column: -
Gallons/Foot: -
Gallons in Well: -
Total Volume Purged: 3200 ml
Pump on: 1050 Off: 1125

Rate @ 10s/1mL
70 lbs
PSI

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1115	25	~150	-	0.0	-225	7.51	0.446	13.42	10.46	3.52	-

OBSERVATIONS DURING SAMPLING

Well Condition: Good Purge Water Disposal: Contained
Color: CLEAR Turbidity(qualitative): Low
Odor: NONE Other (OVA, HNU,etc.): NA

RW-145 (135-153) - 022625
Sampled at 1120

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Cornerstone
Groundwater Sampling Form

Project Number: 209-421311 Task: 003 Well ID: RW-14D-(125-185)
Date: 02/26/25 Sampled By: DW
Sampling Time: 1145 Recorded By: DW
Weather: Mostly sunny, windy Replicate/Split: NONE
Cool, 42°F

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MF	Solinist	Horbia U-52 DKHGK05M

PSI @ 90 lbs
Rate @ 10s/1min

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 1"
Total Depth: 185
Depth to Water: 7.10
Water Column: —
Gallons/Foot: —
Gallons in Well: —

Purge Method: 2IST
Screen Interval: 125-185
Pump intake depth: 175
Total Volume Purged: 1600 ml
Pump on: 1125 Off: 1150

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1140	15	~120	—	0.0	-126	7.71	0.954	13.91	7.10	2.70	→

OBSERVATIONS DURING SAMPLING

Well Condition: Good
Color: CLEAR
Odor: NONE
Purge Water Disposal: Contained
Turbidity(qualitative): Low
Other (OVA, HNU,etc.): NA

RW-14D-(125-185)-022625
Sampled at 1145

Cornerstone
Groundwater Sampling Form

Project Number: 209-4213111 Task: 003 Well ID: RW-3DS (155-160)
Date: 02/26/25 Sampled By: DW
Sampling Time: 1215 Recorded By: DW
Weather: Mostly sunny windy Replicate/Split: NA
Cool, 48°F

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRae -	Solinist	Horbia U-52 DKHGKU5M

PURGING INFORMATION

Rate @ 1.5 s/1 min
PSI @ 80 lbs

Casing Material: PVC Purge Method: 2 1/2" ST
Casing Diameter: 1" Screen Interval: 155-160
Total Depth: 160 Pump intake depth: 155
Depth to Water: 15.89
Water Column: - Total Volume Purged: 800 ml
Gallons/Foot: - Pump on: 1200 Off: 1220
Gallons in Well: -

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1220	10	~100	~	5.5	-111	10.33	0.985	13.21	15.89	10.80	~

OBSERVATIONS DURING SAMPLING

Well Condition: Good Purge Water Disposal: Contained
Color: CLEAR Turbidity(qualitative): LOW
Odor: NONE Other (OVA, HNU,etc.): NA

RW-3DS-(155-160)-022625
Sampled at 1215

Cornerstone
Groundwater Sampling Form

Project Number: 209-42123111 Task: 003 Well ID: RW-300-(175-180)
Date: 02/26/25 Sampled By: DW
Sampling Time: 1240 Recorded By: DW
Weather: Mostly Sunny, Windy Cool, 48°F Replicate/Split: NONE

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRAE -	Solinist	Horbia U-52 DK H6 KOSM

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 1"
Total Depth: 180
Depth to Water: NA - OBSTRUCTION
Water Column: -
Gallons/Foot: -
Gallons in Well: -

Purge Method: 2IST
Screen Interval: 175-180
Pump intake depth: 175
Total Volume Purged: 800 ml
Pump on: 1225 Off: 1245

PSI @ 90lbs
Rate @ 10s/1min

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1235	~10	~100	-	22.0	-143	9.23	0.279	13.61	NA	11.45	-

OBSERVATIONS DURING SAMPLING

Well Condition: Good
Color: Clear
Odor: Slight odor

Purge Water Disposal: Contained
Turbidity(qualitative): Low
Other (OVA, HNU,etc.): NA

RW-300-(175-180)-022625
Sampled at 1240

Cornerstone
Groundwater Sampling Form

Project Number: 209-42/3111 Task: 003 Well ID: RW-3 - (77-87)
Date: 02/26/25 Sampled By: DW
Sampling Time: 1325 Recorded By: DW
Weather: Mostly Sunny Replicate/Split: NONE
windy cool, 50°F

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MF	Solinist	Horbia U-52 DKHGK05M

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 11
Total Depth: 87
Depth to Water: 13.14
Water Column: -
Gallons/Foot: -
Gallons in Well: -

Purge Method: ZIST
Screen Interval: 77-87
Pump intake depth: 77
Total Volume Purged: 1600 ml
Pump on: 1305 Off: 1325

PSI @ 50lbs
Rate @ 10s/1min

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1315	10	~100	-	0.0	-69	7.49	0.484	13.82	13.14	12.12	-

OBSERVATIONS DURING SAMPLING

Well Condition: GOOD
Color: CLEAR
Odor: NONE
Purge Water Disposal: Contained
Turbidity(qualitative): LOW
Other (OVA, HNU,etc.): NA

RW-3-(77-87)-022625
Sampled at 1320 hrs

Cornerstone
Groundwater Sampling Form

Project Number: 209-42131.11 Task: 003 Well ID: RW-11S (236-241)
Date: 02/26/25 Sampled By: DW
Sampling Time: 1445 Recorded By: DW
Weather: Mostly Sunny Replicate/Split: NONE
Cool, windy 50°F

PSI @ 100 lbs
Rate @ 1.5 S/1 min

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)	
Serial #:	MiniRAE	Solinist	Horbia U-52	DKH6K05M

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 11"
Total Depth: 241
Depth to Water: 8.85
Water Column: —
Gallons/Foot: —
Gallons in Well: —

Purge Method: 2 IST
Screen Interval: 236-241
Pump intake depth: 236
Total Volume Purged: 800 ml
Pump on: 1430 Off: 1450

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1440	10	~100	—	0.0	~206	7.02	0.188	12.22	8.85	11.50	—

OBSERVATIONS DURING SAMPLING

Well Condition: GOOD
Color: CLEAR
Odor: NONE
Purge Water Disposal: Contained
Turbidity(qualitative): Low
Other (OVA, HNU,etc.): NA

RW-11S-(236-241)-022625
Sampled at 1445

Cornerstone
Groundwater Sampling Form

Project Number: 209-4213111 Task: 003 Well ID: RW-11D (262-267)
Date: 02/26/25 Sampled By: DW
Sampling Time: _____ Recorded By: DW
Weather: Mostly Sunny Replicate/Split: NONE
Windy, cool, 51°F

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)	
Serial #:	MiniRAE	Solinist	Horbia U-52	DKH 6K05M

Rate @ 15s/1mL
PSI @ 110lbs

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 11"
Total Depth: 267
Depth to Water: NA (OBSTRUCTION)
Water Column: -
Gallons/Foot: -
Gallons in Well: -

Purge Method: 2IST
Screen Interval: 262-267
Pump intake depth: 262
Total Volume Purged: 800 mL
Pump on: 1400 Off: 1420

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1410	10	~100	-	18.6	-167	11.57	0.848	13.43	NA	7.32	-

OBSERVATIONS DURING SAMPLING

Well Condition: Good
Color: CLEAR
Odor: NONE
Purge Water Disposal: Contained
Turbidity(qualitative): LOW
Other (OVA, HNU,etc.): NA

RW-11D (262-267) - 022625
Sampled at 1415

Cornerstone
Groundwater Sampling Form

RW-2D-(452-462)
DEEP

Project Number: 209-421311 Task: 003 Well ID:
Date: 02/27/25 Sampled By: DW
Sampling Time: 0945 Recorded By: DW
Weather: Overcast, Cloudy Replicate/Split: NONE
cool, 45°F

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRAE	Solinist	Horbia U-52 DKH6K05M

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 1"
Total Depth: 462
Depth to Water: 9.70
Water Column: —
Gallons/Foot: —
Gallons in Well: —

Purge Method: 2IST
Screen Interval: 452-462
Pump intake depth: 452
Total Volume Purged: 1600ml
Pump on: 9:20 Off: 0950

Rate @ 20s/1min
PSI @ 120 lbs

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
0940	20	~90	—	10.1	-114	10.35	2.00	11.05	9.70	12.40	—

OBSERVATIONS DURING SAMPLING

Well Condition: Good
Color: CLEAR
Odor: NONE

Purge Water Disposal: Contained
Turbidity(qualitative): Low
Other (OVA, HNU,etc.): N/A

RW-2D-(452-462)-022725
sampled at 0945

Cornerstone
Groundwater Sampling Form

Project Number: 209-42131.11 Task: 003 Well ID: RW-2S (279-289)
Date: 02/27/25 Sampled By: DW SHALLOW
Sampling Time: Recorded By: DW
Weather: Overcast rain Replicate/Split: NONE
cool, 45°F

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	NA	Solinist	Horbia U-52 DKH6K05M

Rate @ 20s / 1min
PSI @ 100 lbs

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 1"
Total Depth: 289
Depth to Water: 4.50
Water Column: -
Gallons/Foot: -
Gallons in Well: -

Purge Method: 2IST
Screen Interval: 279-284
Pump intake depth: 279
Total Volume Purged: 1600 ml
Pump on: 0950 Off: 1020

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1010	20	~90	-	19.1	-133	8.32	1.86	10.39	4.50	6.06	-

OBSERVATIONS DURING SAMPLING

Well Condition: Good
Color: CLEAR
Odor: NONE
Purge Water Disposal: Contained
Turbidity(qualitative): Low
Other (OVA, HNU,etc.): NA

RW-2S-(279_289)-022725
Sampled at 1015 hrs

Cornerstone
Groundwater Sampling Form

RW-12S-(55-65)

Project Number: 209-4213111 Task: 003 Well ID: SHALLOW
Date: 02/22/25 Sampled By: DW
Sampling Time: 1110 Recorded By: DW
Weather: Overcast rain Replicate/Split: NONE
Cool, 48°F

Rate @ 200 / 2min

PST @ 60 lbs

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	Mfr:	Solinist	Horbia U-52, 0K146K05M

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 1"
Total Depth: 65
Depth to Water: 0.00
Water Column: 65'
Gallons/Foot: —
Gallons in Well: —

Purge Method: 21ST
Screen Interval: 55-65
Pump intake depth: 55
Total Volume Purged: 1600 ml
Pump on: 1045 Off: 1120

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1105	20	~100	—	0.0	-157	9.40	0.728	10.15	0.00	12.21	

OBSERVATIONS DURING SAMPLING

Well Condition: Good
Color: Clear
Odor: Slight

Purge Water Disposal: Contained
Turbidity(qualitative): Low
Other (OVA, HNU,etc.): N/A

RW-12S (55-65) - 022725
Sampled at 1110 hrs

Cornerstone
Groundwater Sampling Form

Project Number: 204-4213111 Task: 003 Well ID: RW-12D-(130-140) DEEP
Date: 02/27/25 Sampled By: DW
Sampling Time: Recorded By: DW
Weather: Overcast, rain Replicate/Split: NONE
cool, 48°F

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRAE -	Solinist	Horbia U-52 DKH6K05M

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 1"
Total Depth: 140
Depth to Water: 0.00
Water Column: -
Gallons/Foot: -
Gallons in Well: -

Purge Method: 21ST
Screen Interval: 130-140
Pump intake depth: 130
Total Volume Purged: 1600 ml
Pump on: 1125 Off: 1150

Rate @ 20s/2min
PSI @ 90lbs

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1140	15	~100	-	0.2	-215	10.47	0.266	10.86	0.00	4.50	-

OBSERVATIONS DURING SAMPLING

Well Condition: GOOD
Color: CLEAR
Odor: SLIGHT
Purge Water Disposal: Contained
Turbidity(qualitative): LOW
Other (OVA, HNU,etc.): NA

RW-12D (130-140) - 022725
sampled at 1145

Cornerstone
Groundwater Sampling Form

RW-105-(120-130)

Project Number: 209-4213111 Task: 003 Well ID:
Date: 02/27/25 Sampled By: DW
Sampling Time: 1240 Recorded By: DW
Weather: Overcast + cool Replicate/Split: NONE
45°F

PSI @ 90 lbs
Rate @ 10s/1min

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	NA	Solinist	Horbia U-52 DKH6K05M

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 1"
Total Depth: 130
Depth to Water: 38.93
Water Column: -
Gallons/Foot: -
Gallons in Well: -

Purge Method: 2IST
Screen Interval: 120-130
Pump intake depth: 120
Total Volume Purged: 1600 ml * 400 ml (FIRST WELL ONLY)
Pump on: 1220 Off: 1245

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1235	15	~70	-	6.1	-126	10.77	0.593	10.90	38.93	12.32	-

OBSERVATIONS DURING SAMPLING

Well Condition: Good
Color: CLEAR
Odor: NONE
Purge Water Disposal: Contained
Turbidity(qualitative): Low
Other (OVA, HNU,etc.): NA

RW-105-(120-130)-022725 Sampled at 1240 hrs

Cornerstone
Groundwater Sampling Form

RW-10D-(185-195)

Project Number: 209-42131.1 Task: 003 Well ID:
Date: 02/27/25 Sampled By: DW
Sampling Time: 1315 Recorded By: DW
Weather: Overcast, Cloudy Replicate/Split: NONE
Cool 48°F

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRAE	Solinist	Horbia U-52 DKH6K05M

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 1
Total Depth: 195
Depth to Water: 32.17
Water Column: -
Gallons/Foot: -
Gallons in Well: -

Purge Method: 2 1ST
Screen Interval: 185-195
Pump intake depth: 185
Total Volume Purged: 1600 ml
Pump on: 1255 Off: 1325

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1310	15	+100	-	1.1	-110	10.83	0.447	10.87	32.17	11.68	-

OBSERVATIONS DURING SAMPLING

Well Condition: Good
Color: Clear
Odor: NONE
Purge Water Disposal: Contained
Turbidity(qualitative): Low
Other (OVA, HNU,etc.): NA

RW-10D-(185-195)-022725
Sampled at 1315 hrs

Cornerstone
Groundwater Sampling Form

Project Number: 209-4213111 Task: 003 Well ID: RW-9D (206-216) DEEP
Date: 02/27/25 Sampled By: DW
Sampling Time: 1400 Recorded By: DW
Weather: Overcast, light rain 42°F Replicate/Split: NONE

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)	
Serial #:	MiniRAE -	Solinist	Horbia U-52	DKH6K05m

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 1"
Total Depth: 216
Depth to Water: 36.75
Water Column: —
Gallons/Foot: —
Gallons in Well: —

Purge Method: 21ST
Screen Interval: 206-216
Pump intake depth: 216
Total Volume Purged: 1600 ml
Pump on: 1340 Off: 1410

Rate @ 200/1min
PSI @ 110 lbs

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1335	15	~100	—	1.6	-81	10.38	1.05	11.54	36.75	8.96	—

OBSERVATIONS DURING SAMPLING

Well Condition: GOOD
Color: CLEAR
Odor: NONE

Purge Water Disposal: Contained
Turbidity(qualitative): LOW
Other (OVA, HNU,etc.): NA

RW-9D - (206-216) - 022725
Sampled at 1400 hrs

Cornerstone
Groundwater Sampling Form

RW-9S-(139-149)
SHALLOW

Project Number: 209-4213111 Task: 003 Well ID:
Date: 02/27/25 Sampled By: DW
Sampling Time: 1445 Recorded By: DW
Weather: Overcast cloudy Replicate/Split: NONE
cool, 48°F

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	NA	Solinist	Horbia U-52 DKH6K05M

Rate @ 15s/1min

PURGING INFORMATION

PSI @ 100 lbs

Casing Material: PVC
Casing Diameter: 1"
Total Depth: 149
Depth to Water: 69.67
Water Column: -
Gallons/Foot: -
Gallons in Well: -

Purge Method: ZIST
Screen Interval: 139-149
Pump intake depth: 139
Total Volume Purged: 1600 ml
Pump on: 1420 Off: 1455

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1440	20	~80	-	1.0	-91	7.80	1.01	10.50	69.67	7.55	-

OBSERVATIONS DURING SAMPLING

Well Condition: GOOD
Color: CLEAR
Odor: NONE
Purge Water Disposal: Contained
Turbidity(qualitative): Low
Other (OVA, HNU,etc.): NA

RW-9S-(139-149)-022725
Sampled at 1445 hrs

Cornerstone
Groundwater Sampling Form

RW-8D - (204-214)
DEEP

Project Number: 209-4213111 Task: 003 Well ID:
Date: 02/28/25 Sampled By: DW
Sampling Time: 0840 Recorded By: DW
Weather: Mostly Sunny Replicate/Split: NONE
Cold, 33°F

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRAE -	Solinist	Horbia U-52 DKH6K05M

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 1
Total Depth: 214
Depth to Water: 58.73
Water Column: -
Gallons/Foot: -
Gallons in Well: -

Purge Method: 2 1ST
Screen Interval: 204 - 214
Pump intake depth: 204
Total Volume Purged: 1600 ml
Pump on: 0815 Off: 0850

PSI @ 110 lbs
Rate @ 15s/1min

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
0835	20	~90	-	3.2	-39	8.46	0.315	11.25	58.73	12.70	—

OBSERVATIONS DURING SAMPLING

Well Condition: Good
Color: CLEAR
Odor: NONE
Purge Water Disposal: Contained
Turbidity(qualitative): Low
Other (OVA, HNU,etc.): NA

RW-8D - (204 - 214) - 022825
Sampled at 0840 hrs

Cornerstone
Groundwater Sampling Form

Project Number: 209-4213111 Task: 003 Well ID: RW-8S-(163-173) SHALLOW
Date: 02/28/25 Sampled By: DW
Sampling Time: 0920 Recorded By: DW
Weather: Mostly Sunny Replicate/Split: None
windy cold 38°F

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRAE	Solinist	Horbia U-52 DKH6K05M

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 1"
Total Depth: 163
Depth to Water: NA - Blockage
Water Column: -
Gallons/Foot: -
Gallons in Well: -

Purge Method: 21ST
Screen Interval: 163-173
Pump intake depth: 163
Total Volume Purged: 1600 ml
Pump on: 0855 Off: 0935

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
0910	15	~100	-	0.0	-226	7.67	0.396	11.42	NA	11.80	-

OBSERVATIONS DURING SAMPLING

Well Condition: Good
Color: Clear
Odor: None
Purge Water Disposal: Contained
Turbidity(qualitative): Low
Other (OVA, HNU,etc.): NA

RW-8S(163-173)-022825
Sampled 0920

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**RW-8A-(47-57)-022825
NOT SAMPLED
21ST WELL DRY

Cornerstone
Groundwater Sampling Form

Project Number: _____ Task: 003 Well ID: RW-15D (127-137)
Date: 02/28/25 Sampled By: DW
Sampling Time: 1005 Recorded By: DW
Weather: mostly sunny windy cold 38°F Replicate/Split: NONE

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRAE -	Solinist	Horbia U-52 DKH6K05M

PURGING INFORMATION

Casing Material: PVC Purge Method: 2IST
Casing Diameter: 1" Screen Interval: 127-137
Total Depth: 137 Pump intake depth: 127
Depth to Water: _____
Water Column: - Total Volume Purged: 1600 ml
Gallons/Foot: - Pump on: 0945 Off: 1010
Gallons in Well: -

PSI @ 70 lbs
Rate @ 105/min

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1000	15	+100	-	10.0	-32.9	10.55	0.645	9.90	9.09	9.27	-

OBSERVATIONS DURING SAMPLING

Well Condition: GOOD Purge Water Disposal: Contained
Color: CLEAR Turbidity(qualitative): LOW
Odor: NONE Other (OVA, HNU,etc.): NA

RW-15D-(127-127)-022825
Sampleed at 1005

Cornerstone
Groundwater Sampling Form

Project Number: 209-42.13111 Task: 003 Well ID: RW-15 S-(110-120)
Date: 02/28/25 Sampled By: DW
Sampling Time: Recorded By: DW
Weather: Mostly Sunny Replicate/Split: NONE
windy cold 37°F

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)	
Serial #:	MiniRAE	Solinist	Horbia U-52	DKHG1005M

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 4"
Total Depth: 120
Depth to Water: 6.62
Water Column: -
Gallons/Foot: -
Gallons in Well: -

Purge Method: 2IST
Screen Interval: 110-120
Pump intake depth: 110
Total Volume Purged: 1600 ml
Pump on: 1020 Off: 1050

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1035	15	+100	-	0.0	-244	9.32	0.235	9.90	6.62	2.45	-

OBSERVATIONS DURING SAMPLING

Well Condition: Good
Color: CLEAR
Odor: NONE
Purge Water Disposal: Contained
Turbidity(qualitative): Low
Other (OVA, HNU,etc.): N/A

RW-15 S-(110-120) -022825
Sampled at 1040 hrs

Cornerstone
Groundwater Sampling Form

Rw-19S-(113-123)

Project Number: 209-4213111 Task: 003 Well ID:
Date: 03/03/25 Sampled By: DW
Sampling Time: 0820 Recorded By: DW
Weather: Partly Sunny, Cold Replicate/Split: DUP-03-030325
28°F

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRAE	Solinist	Horbia U-52 DKH6K05M

PSI @ 80 lbs

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 11"
Total Depth: 123
Depth to Water:
Water Column: -
Gallons/Foot: -
Gallons in Well: -

Purge Method: 21ST
Screen Interval: 113-123
Pump intake depth: 113
Total Volume Purged: 1600 ml
Pump on: 0300 Off: 0845

Rate @ 10s/1min

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
0815	15	100	-	5.6	26	7.33	0.350	9.70		13.60	-

OBSERVATIONS DURING SAMPLING

Well Condition: Very Good
Color: Clear
Odor: NONE
Purge Water Disposal: Contained
Turbidity(qualitative): Low
Other (OVA, HNU,etc.): NA

Rw-19S-(113-123)-030325
sampled at 0820 hrs

C:\Users\daniel.wheeler\Desktop\PROJECTS\Ringwood- GW- Sampling 2015\RW-WELLS- Low-Flow GW June-2016

DUP-03-030325 sampled at 12:00 hrs

Cornerstone
Groundwater Sampling Form

Rw-19 DS-(131-137)

Project Number: 209-4213/11 Task: 003 Well ID:
Date: 03/03/25 Sampled By: DW
Sampling Time: 0915 Recorded By: DW
Weather: Mostly Sunny cold 21°F Replicate/Split: NONE

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	NA	Solinist	Horbia U-52 DKH6K05M

PSI @ 100 lbs
Rate @ 105/1min

PURGING INFORMATION

Casing Material: PVC Purge Method: 21ST
Casing Diameter: 1" Screen Interval: 131-137
Total Depth: 137 Pump intake depth: 131
Depth to Water:
Water Column: — Total Volume Purged: 950 ml
Gallons/Foot: — Pump on: 0900 Off: 0925
Gallons in Well: —

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
0910	10	+90		45.0	-80	7.54	0.632	10.24		12.80	—

OBSERVATIONS DURING SAMPLING

Well Condition: Very Good Purge Water Disposal: Contained
Color: Clear Turbidity(qualitative): Low
Odor: NONE Other (OVA, HNU,etc.): NA

Rw-19 DS-(131-137)-030325
Sampled at 0915 hrs

RW-19DD-(144-154)

Cornerstone
Groundwater Sampling Form

Project Number:	209-4213111	Task:	003	Well ID:	
Date:	03/03/25	Sampled By:	DW		
Sampling Time:	0950	Recorded By:	DW		
Weather:	Mostly sunny cold 21°F	Replicate/Split:			

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRAE	Solinist	Horbia U-52 DK46K05M

PSI @ 110 lbs
Rate @ 10s/1min

PURGING INFORMATION

Casing Material:	PVC	Purge Method:	21ST
Casing Diameter:	11"	Screen Interval:	144-154
Total Depth:	154	Pump intake depth:	144
Depth to Water:			
Water Column:	-	Total Volume Purged:	1600 ml
Gallons/Foot:	-	Pump on: 0930	Off: 1000
Gallons in Well:	-		

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
0945	+15	1100	-	0.0	-61	7.58	0.570	10.12		10.30	-

OBSERVATIONS DURING SAMPLING

Well Condition:	Very Good	Purge Water Disposal:	Contained
Color:	Clear	Turbidity(qualitative):	Low
Odor:	NONE	Other (OVA, HNU,etc.):	NA

RW-19DD-(144-154)-030325
sampled at 0950

Cornerstone
Groundwater Sampling Form

RW-17DS-(120-130)

Project Number: 209-4213111 Task: 003 Well ID: —
Date: 03/03/25 Sampled By: DW
Sampling Time: 1115 hrs Recorded By: DW
Weather: Mostly sunny Replicate/Split: RW-17DS-(120-130)-030325-MS/MSD
cold 20°F

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	Mir	Solinist	Horbia U-52 DKH6K05M

PSI @ 100 lbs
Rate @ 10 s/1 min

PURGING INFORMATION

Casing Material: PVC Purge Method: 21ST
Casing Diameter: 1" Screen Interval: 120-130
Total Depth: 130 Pump intake depth: 120
Depth to Water: —
Water Column: — Total Volume Purged: 1600 ml
Gallons/Foot: — Pump on: 1055 Off: 1135
Gallons in Well: —

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1110	15	+100	—	0.0	34	8.06	0.353	10.81		12.70	—

OBSERVATIONS DURING SAMPLING

Well Condition: Very Good Purge Water Disposal: Contained
Color: Clear Turbidity(qualitative): Low
Odor: NONE Other (OVA, HNU,etc.): NA

RW-17DS-(120-130)-030325-MS/MSD
Sampled at 1115 hrs

Cornerstone
Groundwater Sampling Form

RW-17S-(96-111)

Project Number: 209-421311 Task: 003 Well ID:
Date: 03/03/25 Sampled By: DW
Sampling Time: 1045 Recorded By: DW
Weather: Mostly Sunny Replicate/Split: NONE
Cold 20°F

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRAE -	Solinist	Horbia U-52 DKWGK05M

PSI @ 20 lbs

Rate @ 10s/1min

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 1"
Total Depth: 111
Depth to Water:
Water Column: -
Gallons/Foot: -
Gallons in Well: -

Purge Method: 2IST
Screen Interval: 96-111
Pump intake depth: 96
Total Volume Purged: 2400 ml
Pump on: 1020 Off: 1050

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1040	20	~120	-	0.0	14	8.08	0.317	11.01		12.20	-

OBSERVATIONS DURING SAMPLING

Well Condition: Very Good
Color: Clear
Odor: NONE
Purge Water Disposal: Contained
Turbidity(qualitative): Low
Other (OVA, HNU,etc.): N/A

RW-17S-(96-111)-030325
Sampled at 1045 hrs

RW-18DD-(157-167)

Cornerstone
Groundwater Sampling Form

Project Number: 209-4213111 Task: 003 Well ID:
Date: 03/03/25 Sampled By: DW
Sampling Time: 1320 hrs Recorded By: DW
Weather: Mostly Sunny Replicate/Split: NONE
Cold 21°F in

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	NA	Solinist	Horbia U-52 DKH6K05M

PURGING INFORMATION

Casing Material: PVC Purge Method: 2IST
Casing Diameter: 1" Screen Interval: 157-167
Total Depth: 167 Pump intake depth: 157
Depth to Water:
Water Column: —
Gallons/Foot: —
Gallons in Well: —
Total Volume Purged: 1600 ml
Pump on: 1300 off: 1330

Rate @ 10 s/1m
110 lbs @ PSI

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1315	15	+100	—	8.4	-180	8.14	0.399	11.01		4.14	—

OBSERVATIONS DURING SAMPLING

Well Condition: Very Good Purge Water Disposal: Contained
Color: Clear Turbidity(qualitative): Low
Odor: NONE Other (OVA, HNU,etc.): NA

RW-18DD-(157-167)-030325
Sampled at 1320 hrs

Cornerstone
Groundwater Sampling Form

RW-18 DS-(112-122)

Project Number: 209-4213111 Task: 003 Well ID: _____
Date: 03/03/25 Sampled By: DW
Sampling Time: 1245 Recorded By: DW
Weather: Mostly Sunny Replicate/Split: NONE
Cold 20°F

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	Mir	Solinist	Horbia U-52 DK H6 K05m

PSI @ 100 lbs
Rate @ 10s/1min

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 11
Total Depth: 122
Depth to Water: _____
Water Column: —
Gallons/Foot: —
Gallons in Well: —

Purge Method: 21ST
Screen Interval: 112-122
Pump intake depth: 112
Total Volume Purged: 1600 ml
Pump on: 1225 Off: 1255

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1240	15	+100		4.1	-128	8.21	0.392	11.17		12.45	—

OBSERVATIONS DURING SAMPLING

Well Condition: Very Good
Color: Clear
Odor: NONE
Purge Water Disposal: Contained
Turbidity(qualitative): Low
Other (OVA, HNU,etc.): NA

RW-18 DS-(112-122)-030325
Sampled at 1245 hrs

Cornerstone
Groundwater Sampling Form

RW-18 S-(92-102)

Project Number: 209-4213111 Task: 003 Well ID:
Date: 03/03/25 Sampled By: DW
Sampling Time: 1215 Recorded By: DW
Weather: Mostly sunny Replicate/Split: NONE
Cold 21°F

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRAE 3000	Solinist	Horbia U-52 DKH6K05M

PSI @ 80 lbs
Rate @ 10s/1min

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 1"
Total Depth: 102
Depth to Water:
Water Column: -
Gallons/Foot: -
Gallons in Well:

Purge Method: 21ST
Screen Interval: 92-102
Pump intake depth: 92
Total Volume Purged: 1600 ml
Pump on: 1155 Off: 1220

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1210	15	~110	-	30.8	-92	8.33	0.273	11.37		12.05	-

OBSERVATIONS DURING SAMPLING

Well Condition: Very Good
Color: clear
Odor: NONE
Purge Water Disposal: Contained
Turbidity(qualitative): Low
Other (OVA, HNU,etc.): NA

RW-18 S-(92-102)-030325
Sampled at 1215

Cornerstone
Groundwater Sampling Form

Project Number: 209-4213111 Task: 003 Well ID: OB-17
Date: 2/26/25 Sampled By: NS
Sampling Time: 0950 Recorded By: NS
Weather: Sunny, 42° Replicate/Split: None

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRAE	Solinist	Horbia U-52 [illegible] UPLTAURS

PURGING INFORMATION

Casing Material: Steel
Casing Diameter: 4
Total Depth: 13
Depth to Water: 4.74
Water Column: —
Gallons/Foot: —
Gallons in Well: —

Purge Method: low flow-bladder
Screen Interval: 3-13
Pump intake depth: 12
Total Volume Purged:
Pump on: 0910 Off: 1000

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
0915	5	300	—	344	130	7.96	0.747	9.25	4.84	9.28	
0920	10	300	—	238	111	7.89	0.755	8.42	5.02	4.56	
0925	15	300	—	182	102	7.87	0.754	8.29	[illegible]	2.65	25.09
0930	20	300	—	145	100	7.82	0.756	7.78	5.25	2.43	
0935	25	300	—	137	99	7.80	0.752	7.62	5.28	2.34	
0940	30	300	—	110	99	7.76	0.755	7.54	5.31	2.26	
0945	35	300	—	97.7	100	7.74	0.757	7.36	5.36	1.81	
0950	40	300	—	96.5	100	7.74	0.754	7.60	5.42	1.80	

OBSERVATIONS DURING SAMPLING

Well Condition: good
Color: clear
Odor: none

Purge Water Disposal: contained
Turbidity(qualitative): clear
Other (OVA, HNU,etc.): none

OB-17-022625 sampled @ 0950

Cornerstone
Groundwater Sampling Form

Project Number: 209-4213111 Task: 003 Well ID: OB-16
Date: 2/26/25 Sampled By: NS
Sampling Time: 1110 Recorded By: NS
Weather: Sunny 45° Replicate/Split: None

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	Mfr:	Solinist	Horbia U-52 UPLV1URJ

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 4
Total Depth: 25.63
Depth to Water: 13.21
Water Column: —
Gallons/Foot: —
Gallons in Well: —

Purge Method: low flow - bladder
Screen Interval: 16.5-25.5
Pump intake depth: 22
Total Volume Purged:
Pump on: 1035 Off: 1120

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1040	5	300	—	123	12	7.18	1.19	11.46	13.32	13.76	
1045	10	300	—	126	-46	7.44	1.29	12.23	13.45	3.71	
1050	15	300	—	70.6	-56	7.44	1.32	12.34	13.54	2.70	
1055	20	300	—	36.3	-64	7.43	1.68	12.40	13.56	1.47	
1100	25	300	—	25.3	-62	7.42	1.28	12.43	1357	1.33	
1105	30	300	—	20.5	-72	7.42	1.28	12.42	1359	0.96	
1110	35	300	—	19.7	-74	7.42	1.28	12.41	13.62	0.91	

OBSERVATIONS DURING SAMPLING

Well Condition: good
Color: clear
Odor: None

Purge Water Disposal: Contained
Turbidity(qualitative): good
Other (OVA, HNU,etc.): 0

OB-16-022625 sampled @ 1110

Cornerstone
Groundwater Sampling Form

Project Number: 209-42131.1.4.1 Task: 003 Well ID: OB-14A
Date: 2/26/25 Sampled By: NS
Sampling Time: 1245 Recorded By: NS
Weather: Sunny 45° Replicate/Split: non

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	Min: –	Solinist	Horbia U-52 UPLV1URJ

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 4
Total Depth: 21.60
Depth to Water: 13.75
Water Column: —
Gallons/Foot: —
Gallons in Well: —

Purge Method: low flow bladder
Screen Interval: 11.60 - 21.60
Pump intake depth: 18
Total Volume Purged:
Pump on: 1210 Off: 1259

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1215	5	300	—	33.2	-14	7.31	0.891	12.21	14.23	5.42	
1220	10	300	—	26.9	-27	7.31	0.904	12.01	14.60	2.21	
1225	15	300	—	25.8	-33	7.28	0.911	11.94	14.98	1.72	
1230	20	300	—	24.7	-37	7.27	0.913	11.92	15.36	1.61	
1235	25	300	—	23.3	-40	7.26	0.914	11.89	15.64	1.29	
1240	30	300	—	22.5	-43	7.28	0.916	11.94	16.01	1.29	
1245	35	300	—	22.6	-43	7.28	0.915	11.92	16.11	1.29	

OBSERVATIONS DURING SAMPLING

Well Condition: good
Color: clear
Odor: none

Purge Water Disposal: Contained
Turbidity(qualitative): good
Other (OVA, HNU,etc.): None

OB-14A-022625 sampled @ 1245

Cornerstone
Groundwater Sampling Form

Project Number: 209-4213111 Task: 003 Well ID: OB-24
Date: 2/26/25 Sampled By: NS
Sampling Time: 1406 Recorded By: NS
Weather: SUNNY 48° Replicate/Split: NONE

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	Mfr:	Solinist	Horbia U-52 UPLV1URJ

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 2
Total Depth: 26.4
Depth to Water: 13.59
Water Column: —
Gallons/Foot: —
Gallons in Well: —

Purge Method: low flow bladder
Screen Interval: 15 - 26.4
Pump intake depth: 21
Total Volume Purged:
Pump on: 1320 Off: 1410

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1325	5	300	—	84.2	-24	8.31	0.870	12.41	14.16	6.91	
1330	10	300	—	82.8	-23	8.33	0.877	12.49	14.25	3.21	
1335	15	300	—	74.7	-36	8.33	0.883	12.44	14.39	1.80	
1340	20	300	—	56.4	-34	8.31	0.881	12.61	14.31	1.24	
1345	25	300	—	39.5	-33	8.31	0.877	12.57	14.35	0.92	
1350	30	300	—	23.1	-33	8.31	0.865	12.65	14.36	0.70	
1355	35	300	—	23.7	-32	8.33	0.865	12.65	14.32	0.71	
1400	40	300	—	23.4	-32	8.34	0.864	12.66	14.33	0.69	

OBSERVATIONS DURING SAMPLING

Well Condition: Good
Color: Clear
Odor: NONE

Purge Water Disposal: Contained
Turbidity(qualitative): good
Other (OVA, HNU,etc.):

OB-24-022625 sampled @ 1400

Cornerstone
Groundwater Sampling Form

Project Number: 209-4213111 Task: 003 Well ID: RW-16
Date: 2/26/25 Sampled By: NS
Sampling Time: 1500 Recorded By: NS
Weather: Sunny 49° Replicate/Split: none

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	Mir:	Solinist	Horbia U-52 UPLV1URJ

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 2
Total Depth: 69.70
Depth to Water: 11.10
Water Column: —
Gallons/Foot: —
Gallons in Well: —

Purge Method: low flow - bladder
Screen Interval: 60 - 69.70
Pump intake depth: 65
Total Volume Purged:
Pump on: 1425 Off: 1510

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1430	5	200	—	26.7	34	8.22	0.560	11.72	11.05	18.34	
1435	10	200	—	29.7	37	7.91	0.579	11.51	11.05	7.31	
1440	15	200	—	16.2	37	7.88	0.584	11.45	11.05	6.67	
1445	20	200	—	8.3	38	7.83	0.588	11.39	11.05	5.73	
1450	25	200	—	6.2	39	7.82	0.589	11.38	11.05	5.78	
1455	30	200	—	5.5	39	7.82	0.589	11.39	11.05	5.74	
1500	35	200	—	4.9	39	7.82	0.588	11.39	11.05	5.75	

OBSERVATIONS DURING SAMPLING

Well Condition: good
Color: none
Odor: none

Purge Water Disposal: contained
Turbidity(qualitative): good
Other (OVA, HNU,etc.): none

RW-16-022625 sampled @ 1500

Cornerstone
Groundwater Sampling Form

Project Number: 209-4213111 Task: 003 Well ID: OB-3
Date: 2/27/25 Sampled By: NS
Sampling Time: 0950 Recorded By: NS
Weather: Cloudy, ~40° Replicate/Split: None

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRAE	Solinist	Horiba U-52 UPLV1URJ

PURGING INFORMATION

Casing Material: Steel
Casing Diameter: 6"
Total Depth: 23.5
Depth to Water: 3.92
Water Column: —
Gallons/Foot: —
Gallons in Well: —

Purge Method: low flow bladder
Screen Interval: 9-24
Pump intake depth: 22
Total Volume Purged:
Pump on: 0905 Off: 1000

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
0910	5	200	—	92.5	126	7.72	0.141	9.57	3.94	14.11	
0915	10	200	—	87.6	119	7.61	0.140	9.01	3.94	12.87	
0920	15	200	—	71.2	115	7.45	0.139	8.64	3.94	11.15	
0925	20	200	—	74.6	117	7.44	0.140	8.56	3.94	12.47	
0930	25	200	—	80.6	119	7.43	0.141	8.47	3.94	13.03	
0935	30	200	—	60.7	130	7.40	0.139	8.40	3.94	12.09	
0940	35	200	—	59.2	129	7.40	0.140	8.38	3.94	12.01	
0945	40	200	—	56.1	128	7.40	0.140	8.37	3.95	11.39	
0950	45	200	—	45.7	128	7.40	0.140	8.36	3.95	11.36	

OBSERVATIONS DURING SAMPLING

Well Condition: Good
Color: Clear
Odor: None

Purge Water Disposal: Contained
Turbidity(qualitative): Clear
Other (OVA, HNU,etc.): None

OB-3-022725 sampled @ 0950

Cornerstone
Groundwater Sampling Form

Project Number: 209-4213111 Task: 003 Well ID: OB-10
Date: 2/27/25 Sampled By: NS
Sampling Time: 1115 Recorded By: NS
Weather: cloudy, 40's, 44° Replicate/Split: none

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MP	Solinist	Horbia U-52 UPLV1URJ

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 4
Total Depth: 21.1
Depth to Water: 6.38
Water Column: —
Gallons/Foot: —
Gallons in Well: —

Purge Method: low flow bladder
Screen Interval: 11-21
Pump intake depth: 16
Total Volume Purged:
Pump on: 1035 Off: 1125

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1040	5	200	—	71.2	138	7.40	0.132	9.71	6.38	1335	
1045	10	200	—	42.6	139	7.39	0.132	10.03	10.38	8.25	
1050	15	200	—	23.1	139	7.39	0.132	10.04	6.38	6.31	
1055	20	200	—	17.9	140	7.37	0.131	10.09	6.38	6.14	
1100	25	200	—	11.5	141	7.36	0.131	10.13	6.38	5.96	
1105	30	200	—	10.6	142	7.35	0.131	10.11	6.38	5.80	
1110	35	200	—	7.2	142	7.34	0.131	10.09	6.38	5.09	
1115	40	200	—	6.8	142	7.34	0.131	10.08	6.38	5.14	

OBSERVATIONS DURING SAMPLING

Well Condition: good
Color: clear
Odor: none

Purge Water Disposal: Contained
Turbidity(qualitative): good
Other (OVA, HNU,etc.): none

OB-10-022725 sampled @ 1115

Cornerstone
Groundwater Sampling Form

Project Number: 209-421311 Task: 003 Well ID: OB-29
Date: 2/27/25 Sampled By: NS
Sampling Time: 1240 Recorded By: NS
Weather: cloudy, 60's Replicate/Split: None

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRAE	Solinist	Horbia U-52 UPLV1URJ

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 2
Total Depth: 34.66
Depth to Water: 5.38
Water Column: —
Gallons/Foot: —
Gallons in Well: —

Purge Method: low flow bladder
Screen Interval: 18-35
Pump intake depth: 30
Total Volume Purged:
Pump on: 1140 Off: 1250

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1145	5	200	—	—	172	7.31	0.132	9.31	5.45	10.13	
1150	10	200	—	—	155	7.39	0.132	10.17	5.45	11.56	
1155	15	200	—	—	157	7.34	0.134	10.38	5.45	10.65	
1200	20	200	—	994	155	7.33	0.134	10.48	5.46	6.97	
1205	25	200	—	778	154	7.32	0.136	10.49	5.46	6.84	
1210	30	200	—	601	153	7.31	0.136	10.52	5.45	7.97	
1215	35	200	—	497	155	7.31	0.138	10.55	5.45	7.44	
1220	40	200	—	315	158	7.30	0.139	10.58	5.45	6.96	
1225	45	200	—	279	157	7.33	0.137	10.58	5.45	6.91	
1230	50	200	—	215	157	7.35	0.136	10.58	5.45	6.81	
1235	55	200	—	169	155	7.34	0.136	10.64	5.45	6.79	
1240	60	200	—	151	156	7.35	0.136	10.62	5.45	6.74	

OBSERVATIONS DURING SAMPLING

Well Condition: good
Color: clear
Odor: none

Purge Water Disposal: contained
Turbidity(qualitative): good
Other (OVA, HNU,etc.): none

OB-29-022725 sampled @ 1240

* turbidity sensor on horiba went bad, no turbidity readings first 3 readings

Cornerstone
Groundwater Sampling Form

Project Number: 209-4213111 Task: 003 Well ID: OB-11R
Date: 2/27/25 Sampled By: JG
Sampling Time: 1350 Recorded By: JG
Weather: Cloudy 55 Replicate/Split: none

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRAE	Solinist	Horbia U-52 REWRMBL4

PURGING INFORMATION

Casing Material: PVC Purge Method: 25-40
Casing Diameter: 2" Screen Interval: 36
Total Depth: 38.33 Pump intake depth:
Depth to Water: 16.39
Water Column: Total Volume Purged:
Gallons/Foot: Pump on: 1315 Off:
Gallons in Well:

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1320	~~1255~~	240		763	-43	7.20	.621	13.53	16.44	12.29	
1325	10	240		319	-60	7.18	.647	8.30	16.44	10.82	
1330	15	240		169	-69	7.21	.656	8.25	16.44	9.52	
1335	20	240		96.7	-72	7.21	.658	8.25	16.44	9.10	
1340	25	240		535	-74	7.22	.658	8.20	16.44	8.34	
1345	30	240		44.9	-75	7.21	.657	8.19	16.44	7.85	
1350	35	240		49.3	-77	7.23	.655	8.15	16.44	7.40	

OBSERVATIONS DURING SAMPLING

Well Condition: Good Purge Water Disposal: Contained
Color: clear Turbidity(qualitative): High to low
Odor: none Other (OVA, HNU,etc.): N/A

OB-11R -022725 sampled @ 1350

Cornerstone
Groundwater Sampling Form

Project Number: 209-4213111 Task: 603 Well ID: OB-32
Date: 2/27/25 Sampled By: JG
Sampling Time: 1245 Recorded By: JG
Weather: cloudy 55 Replicate/Split: none

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MF	Solinist	Horbia U-52 REWRMBL4

PURGING INFORMATION

Casing Material: PVC Purge Method: low flow bladder
Casing Diameter: 2" Screen Interval: 10-20
Total Depth: 26 Pump intake depth: 19
Depth to Water: 16.82
Water Column: Total Volume Purged:
Gallons/Foot: Pump on: 1210 Off:
Gallons in Well:

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1215	5	280		252	-21	7.15	.351	10.68	16.82	0	
1220	10	280		110	-53	7.10	.351	11.42	16.82	3.74	
1225	15	280		64.1	-58	7.08	.351	11.52	16.82	3.23	
1230	20	280		45.2	-61	7.11	.349	11.57	16.82	3.52	
1235	25	280		27.9	-65	7.12	.350	11.64	16.82	2.77	
1240	30	280		29.3	-67	7.14	.350	11.66	16.82	2.92	
1245	35	280		24.9	-69	7.17	.350	11.74	16.82	2.91	

OBSERVATIONS DURING SAMPLING

Well Condition: good Purge Water Disposal: Contained
Color: Clear Turbidity(qualitative): Med to low
Odor: None Other (OVA, HNU,etc.): n/a

OB-32-022725 sampled at 1245

Cornerstone
Groundwater Sampling Form

Project Number: 209-421341 Task: 003 Well ID: RW-6A
Date: 2/27/25 Sampled By: JG
Sampling Time: 1135 Recorded By: JG
Weather: rain 50 Replicate/Split: none

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRAE	Solinist	Horiba U-52 REWRMBL4

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 2"
Total Depth: 80.5
Depth to Water: 13.00
Water Column:
Gallons/Foot:
Gallons in Well:

Purge Method: Low Flow bladder
Screen Interval: 60.5 - 80.5
Pump intake depth: 70.5
Total Volume Purged:
Pump on: 1165 Off:

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1110	5	180		10.3	-19	7.09	.666	9.78	13.52	6.09	
1115	10	180		7.3	-14	7.01	.721	9.91	13.64	7.76	
1120	15	180		6.0	-13	6.99	.726	9.91	13.68	6.71	
1125	20	180		5.4	-12	6.95	.727	9.93	13.68	5.66	
1130	25	180		5.2	-10	6.94	.722	10.04	13.68	[illegible]	5.60
1135	30	180		5.0	-12	6.93	.722	10.00	13.68	5.42	

OBSERVATIONS DURING SAMPLING

Well Condition: Good
Color: Clear
Odor: none

Purge Water Disposal: contained
Turbidity(qualitative): low
Other (OVA, HNU,etc.): n/a

RW-6A - 022725 sampled at 1135

Cornerstone
Groundwater Sampling Form

Project Number:	209-4213.111	Task:	003	Well ID:	RW-6
Date:	2/27/25	Sampled By:	JG		
Sampling Time:	1030	Recorded By:	JG		
Weather:	rain 45	Replicate/Split:	none		

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRAE	Solinist	Horbia U-52 REW RMBLH

PURGING INFORMATION

Casing Material:	PVC	Purge Method:	Low Flow bladder
Casing Diameter:	2"	Screen Interval:	99-119
Total Depth:	119	Pump intake depth:	114
Depth to Water:	12.32		
Water Column:		Total Volume Purged:	
Gallons/Foot:		Pump on:	1000 Off: 1037
Gallons in Well:			

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1005	5	120		13.0	4	7.15	.515	9.59	12.40	.68	
1010	10	120		13.4	-1	6.79	.766	10.03	12.40	0	
1015	15	120		11.6	-8	6.78	.731	10.05	12.40	0	
1020	20	120		11.1	-9	6.76	.745	10.04	12.40	0	
1025	25	120		11.6	-12	6.74	.747	10.02	12.40	0	
1030	30	120		11.3	-13	6.73	.748	10.03	12.46	0	

OBSERVATIONS DURING SAMPLING

Well Condition:	Good	Purge Water Disposal:	Contained
Color:	clear	Turbidity(qualitative):	low
Odor:	none	Other (OVA, HNU,etc.):	n/a

RW-6-022725 sampled at 1030

Cornerstone
Groundwater Sampling Form

Project Number: 209.4213.11 Task: 003 Well ID: OB-20B
Date: 2/27/25 Sampled By: JG
Sampling Time: 925 Recorded By: JG
Weather: Cloudy 45 Replicate/Split: none

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRAE	Solinist	Horbia U-52 REWRMBL4

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 2
Total Depth: 36
Depth to Water: 14.03
Water Column:
Gallons/Foot:
Gallons in Well:

Purge Method: low flow bladder
Screen Interval: 26-36
Pump intake depth: 31
Total Volume Purged:
Pump on: 850 Off: 932

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
855	5	260		238	11	7.00	.583	10.77	14.53	0.00	
900	10	150		120	-13	6.82	.587	10.75	14.90	0	
905	15	150		80.9	-16	6.78	.589	10.61	14.85	0	
910	20	150		66.3	-19	6.80	.588	10.63	14.82	0	
915	25	150		58.5	-19	6.82	.590	10.63	14.82	0	
920	30	150		49.8	-19	6.84	.590	10.61	14.82	0	
925	35	150		47.9	-20	6.81	.590	10.61	14.82	0	

OBSERVATIONS DURING SAMPLING

Well Condition: Good
Color: Clear
Odor: none

Purge Water Disposal: contained
Turbidity(qualitative): OK
Other (OVA, HNU,etc.): n/a

OB-20B-022725 sampled at 925

Cornerstone
Groundwater Sampling Form

Project Number: 209-421311-003 Task: 003 Well ID: RW-5
Date: 2/26/25 Sampled By: JB
Sampling Time: 955 Recorded By: JB
Weather: Sunny 45 Replicate/Split: NONE

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRAE	Solinist	Horiba U-52 REW RMBL4

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 2"
Total Depth: 134
Depth to Water: 10.38
Water Column:
Gallons/Foot:
Gallons in Well:

Purge Method: Low-Flow bladder
Screen Interval: 99-119
Pump intake depth: 109
Total Volume Purged:
Pump on: 920 Off: 1004

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
925	5	240		59.1	67	11.89	.664	8.81	12.65	0	
930	10	240		54.0	37	12.49	.696	9.01	13.09	0	
935	15	180		51.9	21	12.65	.693	8.96	13.05	0	
940	20	180		51.0	7	12.65	.676	8.90	13.03	0	
945	25	180		50.6	-1	12.64	.646	8.90	13.02	0	
950	30	180		44.8	-6	12.62	.637	8.90	13.00	0	
955	35	180		42.3	-10	12.59	.630	8.89	12.99	0	

OBSERVATIONS DURING SAMPLING

Well Condition: Good
Color: Clear
Odor: None

Purge Water Disposal: Contained
Turbidity(qualitative): OK
Other (OVA, HNU,etc.): NA

RW-5-022625 Sampled at 955

Cornerstone
Groundwater Sampling Form

Project Number: 209-4213111 Task: 003 Well ID: OB-31
Date: 2/26/25 Sampled By: JG
Sampling Time: 1205 Recorded By: JG
Weather: Sunny windy 50 Replicate/Split: None

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRAE -	Solinist	Horbia U-52 REWRMBL4

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 2"
Total Depth: 33.20
Depth to Water: 14.92
Water Column:
Gallons/Foot:
Gallons in Well:

Purge Method: low flow bladder
Screen Interval: 20 to 30
Pump intake depth: 25
Total Volume Purged:
Pump on: 1130 Off: 1212

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1135	5	280		177	-64	7.22	.406	12.09	15.00	0	
1140	10	280		103	-65	7.24	.406	12.07	15.00	0	
1145	15	280		85.4	-68	7.25	.407	12.08	15.00	0	
1150	20	280		61.2	-69	7.22	.408	12.07	15.00	0	
1155	25	280		49.7	-70	7.22	.408	12.11	15.00	0	
1200	30	280		41.3	-71	7.21	.408	12.13	15.00	0	
1205	35	280		39.2	-71	7.21	.408	12.15	15.00	0	

OBSERVATIONS DURING SAMPLING

Well Condition: Good
Color: Clear
Odor: None

Purge Water Disposal: Contained
Turbidity(qualitative): low
Other (OVA, HNU,etc.): n/a

OB-31-022625 sampled at 1205

Cornerstone
Groundwater Sampling Form

Project Number: 209-4213111 Task: 003 Well ID: OB-19
Date: 2/26/25 Sampled By: JG
Sampling Time: 1050 Recorded By: JG
Weather: Sunny / wind 45 Replicate/Split: DUP-02

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRAE	Solinist	Horbia U-52 REWRMBLH

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 2
Total Depth: 21.31
Depth to Water: 12.10
Water Column:
Gallons/Foot:
Gallons in Well:

Purge Method: low flow bladder
Screen Interval: 10 to 20
Pump intake depth: 15
Total Volume Purged:
Pump on: 1030 Off: 1100

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1025	5	240		133	-84	9.32	.402	9.54	11.82	2.49	
1030	10	240		80.8	-48	7.98	.392	9.56	11.93	0	
1035	15	240		73.9	-42	7.41	.383	9.62	11.93	0	
1040	20	240		23.6	-35	7.11	.373	9.77	11.95	0	
1045	25	240		15.1	-33	7.05	.372	9.80	11.97	0	
1050	30	240		10.9	-34	6.95	.374	9.92	12.00	0	

OBSERVATIONS DURING SAMPLING

Well Condition: Good
Color: Clear
Odor: None

Purge Water Disposal: contained
Turbidity(qualitative): 0
Other (OVA, HNU,etc.): n/a

DUP-02-022625 1200
OB-19-022625 @ 1050

Cornerstone
Groundwater Sampling Form

Project Number: 209-421311 Task: 003 Well ID: OB-27
Date: 2/26/25 Sampled By:
Sampling Time: 1325 Recorded By:
Weather: Sunny 50 Windy Replicate/Split: MS/MSD #2

INSTRUMENT IDENTIFICATION

	PID	Water-Level Meter	Water Quality Meter(s)
Serial #:	MiniRAE	Solinist	Horbia U-52 REW RMBL4

PURGING INFORMATION

Casing Material: PVC
Casing Diameter: 2
Total Depth: 42
Depth to Water: 14.88
Water Column:
Gallons/Foot:
Gallons in Well:

Purge Method:
Screen Interval: 24.5-39.5
Pump intake depth: 30
Total Volume Purged:
Pump on: 1235 Off: 1346

FIELD PARAMETERS

Time	Minutes Elapsed	Rate (mL/m)	Gallons Purged	Turbidity (NTUs)	REDOX (mV)	pH (SI Units)	Conductivity (mmhos/cm)	Temp (°C)	Depth to Water	Diss. Oxygen	Comments
1240	5	240		382	-35	7.22	.450	10.16	15.01	0	
1245	10	240		219	-53	7.25	.460	9.72	15.01	0	
1250	15	240		175	-56	7.24	.458	9.70	15.01	0	
1255	20	240		131	-59	7.27	.459	9.46	15.01	0	
1300	25	240		97.1	-61	7.25	.459	9.49	15.01	0	
1305	30	240		60.7	-61	7.25	.459	9.38	15.01	0	
1310	35	240		48.1	-63	7.26	.459	9.44	15.01	0	
1315	40	240		40.9	-63	7.25	.459	9.52	15.01	0	
1320	45	240		47.3	-64	7.27	.459	9.50	15.01	0	
1325	50	240		44.1	-64	7.26	.459	9.46	15.01	0	

OBSERVATIONS DURING SAMPLING

Well Condition: Good
Color: Clear
Odor: hydrocarbon

Purge Water Disposal: Contained
Turbidity(qualitative): high → low
Other (OVA, HNU,etc.): n/a

OB-27 - 022625 sampled @ 1325

ATTACHMENT C

LABORATORY REPORTS

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Robert Schellberg
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JOB DESCRIPTION

FORD Ringwood Mines E203361

JOB NUMBER

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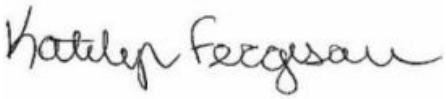
See page two for job notes and contact information.

Job Notes

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Definitions/Glossary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

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: Cornerstone Environmental Group, LLC

Project: FORD Ringwood Mines E203361

Report Number: 460-321063-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 2/26/2025 7:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.1°C, 2.3°C and 2.5°C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

RECEIPT EXCEPTIONS
The following sample was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): SW-11-022525 (460-321063-22)

VOLATILE ORGANIC COMPOUNDS (GC/MS) DKQP (TOTAL)
Samples SW-PAB-04-022525 (460-321063-1), SW-SP-01-022525 (460-321063-2), SW-MRB-02-022525 (460-321063-3), SW-MRB-03-022525 (460-321063-4), SW-NOB-02-022525 (460-321063-5), SW-03-022525 (460-321063-6), SW-04-022525 (460-321063-7), Field Blank-01-022525 (460-321063-8), Trip Blank-01-022525 (460-321063-9), DUP-01-022525 (460-321063-10), SW-SR3-SEEP-2-022525 (460-321063-11), SW-PAB-01A-022525 (460-321063-12), SW-PAB-01-022525 (460-321063-13), SW-PAB-00-022525 (460-321063-14), SW-PAB-02-022525 (460-321063-15), SW-PAB-03-022525 (460-321063-16), SW-NOB-01-022525 (460-321063-17), SW-PMB-01-022525 (460-321063-18), SW-MRB-00-022525 (460-321063-19), SW-MRB-01-022525 (460-321063-20), SW-PMB-02-022525 (460-321063-21) and SW-11-022525 (460-321063-22) were analyzed for Volatile Organic Compounds (GC/MS) DKQP (Total) in accordance with EPA SW-846 Method 8260D (DKQP). The samples were analyzed on 03/07/2025, 03/09/2025 and 03/10/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1024621 was outside the method criteria for the following analyte(s): Chloromethane (biased high) and Dichlorodifluoromethane (biased low). 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. Chloromethane was detected in the associated samples. The following samples are impacted: Trip Blank-01-022525 (460-321063-9) and (CCVIS 460-1024621/2).

The continuing calibration verification (CCV) associated with batch 460-1024934 recovered above the upper control limit for 1,2-Dichloropropane, Chloromethane and Methyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other difficulties were encountered during the Volatiles analysis.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC/MS) - SELECTED ION MODE (SIM) DKQP (TOTAL)

Samples SW-PAB-04-022525 (460-321063-1), SW-SP-01-022525 (460-321063-2), SW-MRB-02-022525 (460-321063-3), SW-MRB-03-022525 (460-321063-4), SW-NOB-02-022525 (460-321063-5), SW-03-022525 (460-321063-6), SW-04-022525 (460-321063-7), Field Blank-01-022525 (460-321063-8), Trip Blank-01-022525 (460-321063-9), DUP-01-022525 (460-321063-10), SW-SR3-SEEP-2-022525 (460-321063-11), SW-PAB-01A-022525 (460-321063-12), SW-PAB-01-022525 (460-321063-13), SW-PAB-00-022525 (460-321063-14), SW-PAB-02-022525 (460-321063-15), SW-PAB-03-022525 (460-321063-16), SW-NOB-01-022525 (460-321063-17), SW-PMB-01-022525 (460-321063-18), SW-MRB-00-022525 (460-321063-19), SW-MRB-01-022525 (460-321063-20), SW-PMB-02-022525 (460-321063-21) and SW-11-022525 (460-321063-22) were analyzed for Volatile Organic Compounds (GC/MS) - Selected Ion Mode (SIM) DKQP (Total) in accordance with EPA SW-846 Method 8260D (DKQP) - Selected Ion Mode (SIM) DKQP. The samples were analyzed on 03/03/2025 and 03/04/2025.

No difficulties were encountered during the VOA SIM analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS - SELECTED ION MODE (SIM) - ISOTOPE DILUTION - 1,4 DIOXANE

Samples SW-PAB-04-022525 (460-321063-1), SW-SP-01-022525 (460-321063-2), SW-MRB-02-022525 (460-321063-3), SW-MRB-03-022525 (460-321063-4), SW-NOB-02-022525 (460-321063-5), SW-03-022525 (460-321063-6), SW-04-022525 (460-321063-7), Field Blank-01-022525 (460-321063-8), DUP-01-022525 (460-321063-10), SW-SR3-SEEP-2-022525 (460-321063-11), SW-PAB-01A-022525 (460-321063-12), SW-PAB-01-022525 (460-321063-13), SW-PAB-00-022525 (460-321063-14), SW-PAB-02-022525 (460-321063-15), SW-PAB-03-022525 (460-321063-16), SW-NOB-01-022525 (460-321063-17), SW-PMB-01-022525 (460-321063-18), SW-MRB-00-022525 (460-321063-19), SW-MRB-01-022525 (460-321063-20), SW-PMB-02-022525 (460-321063-21) and SW-11-022525 (460-321063-22) were analyzed for semivolatile organic compounds - Selected Ion Mode (SIM) - Isotope Dilution - 1,4 Dioxane in accordance with EPA SW-846 Method 8270E SIM 1,4Dioxane. The samples were prepared on 03/01/2025 and 03/03/2025 and analyzed on 03/02/2025, 03/03/2025 and 03/04/2025.

1,4-Dioxane exceeded the RPD limit for the MSD of sample SW-PAB-00-022525MSD (460-321063-14) in batch 460-1023900. Refer to the QC report for details.

No other difficulties were encountered during the 1,4 Dioxane analysis.

All other quality control parameters were within the acceptance limits.

METALS DKQP (DISSOLVED)(ICP/MS)

Samples SW-PAB-04-022525 (460-321063-1), SW-SP-01-022525 (460-321063-2), SW-MRB-02-022525 (460-321063-3), SW-MRB-03-022525 (460-321063-4), SW-NOB-02-022525 (460-321063-5), SW-03-022525 (460-321063-6), SW-04-022525 (460-321063-7), Field Blank-01-022525 (460-321063-8), DUP-01-022525 (460-321063-10), SW-SR3-SEEP-2-022525 (460-321063-11), SW-PAB-01A-022525 (460-321063-12), SW-PAB-01-022525 (460-321063-13), SW-PAB-00-022525 (460-321063-14), SW-PAB-02-022525 (460-321063-15), SW-PAB-03-022525 (460-321063-16), SW-NOB-01-022525 (460-321063-17), SW-PMB-01-022525 (460-321063-18), SW-MRB-00-022525 (460-321063-19), SW-MRB-01-022525 (460-321063-20), SW-PMB-02-022525 (460-321063-21) and SW-11-022525 (460-321063-22) were analyzed for Metals DKQP (Dissolved)(ICP/MS) in accordance with EPA SW-846 Method 6020B (DKQP). The samples were prepared and analyzed on 03/10/2025 and 03/11/2025.

The following samples were not filtered and preserved within 15 minutes of sample collection in accordance with 40 CFR Part 136 Table II, Footnote 7, method 6020B. The samples were filtered prior to analysis at the laboratory. SW-PAB-04-022525 (460-321063-1), SW-SP-01-022525 (460-321063-2), SW-MRB-02-022525 (460-321063-3), SW-MRB-03-022525 (460-321063-4), SW-NOB-02-022525 (460-321063-5), SW-03-022525 (460-321063-6), SW-04-022525 (460-321063-7), Field Blank-01-022525 (460-321063-8), DUP-01-022525 (460-321063-10), SW-SR3-SEEP-2-022525 (460-321063-11), SW-PAB-01A-022525 (460-321063-12), SW-PAB-01-022525 (460-321063-13), SW-PAB-00-022525 (460-321063-14), SW-PAB-00-022525 (460-321063-14[MS]), SW-PAB-00-022525 (460-321063-14[MSD]), SW-PAB-02-022525 (460-321063-15), SW-PAB-03-022525 (460-321063-16), SW-NOB-01-022525 (460-321063-17), SW-PMB-01-022525 (460-321063-18), SW-MRB-00-022525 (460-321063-19), SW-MRB-01-022525 (460-321063-20), SW-PMB-02-022525 (460-321063-21) and SW-11-022525 (460-321063-22).

No difficulties were encountered during the Metals DKQP (Dissolved)(ICP/MS) analysis.

All quality control parameters were within the acceptance limits.

METALS DKQP (TOTAL)(ICP/MS)

Job ID: 460-321063-1 (Continued) Eurofins Edison

Samples SW-PAB-04-022525 (460-321063-1), SW-SP-01-022525 (460-321063-2), SW-MRB-02-022525 (460-321063-3), SW-MRB-03-022525 (460-321063-4), SW-NOB-02-022525 (460-321063-5), SW-03-022525 (460-321063-6), SW-04-022525 (460-321063-7), Field Blank-01-022525 (460-321063-8), DUP-01-022525 (460-321063-10), SW-SR3-SEEP-2-022525 (460-321063-11), SW-PAB-01A-022525 (460-321063-12), SW-PAB-01-022525 (460-321063-13), SW-PAB-00-022525 (460-321063-14), SW-PAB-02-022525 (460-321063-15), SW-PAB-03-022525 (460-321063-16), SW-NOB-01-022525 (460-321063-17), SW-PMB-01-022525 (460-321063-18), SW-MRB-00-022525 (460-321063-19), SW-MRB-01-022525 (460-321063-20), SW-PMB-02-022525 (460-321063-21) and SW-11-022525 (460-321063-22) were analyzed for Metals DKQP (Total)(ICP/MS) in accordance with EPA SW-846 Method 6020B (DKQP). The samples were prepared on 03/06/2025 and 03/09/2025 and analyzed on 03/06/2025 and 03/10/2025.

Arsenic exceeded the RPD limit for the MSD of sample 460-321409-3 in batch 460-1025061. Refer to the QC report for details.

No other difficulties were encountered during the Metals DKQP (Total)(ICP/MS) analysis.

All other quality control parameters were within the acceptance limits.

Detection Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: SW-PAB-04-022525 — Lab Sample ID: 460-321063-1

No Detections.

Client Sample ID: SW-SP-01-022525 — Lab Sample ID: 460-321063-2

No Detections.

Client Sample ID: SW-MRB-02-022525 — Lab Sample ID: 460-321063-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.1		5.0	4.4	ug/L	1		8260D	Total/NA
Lead	0.64	J	1.2	0.42	ug/L	1		6020B	Total Recoverable

Client Sample ID: SW-MRB-03-022525 — Lab Sample ID: 460-321063-4

No Detections.

Client Sample ID: SW-NOB-02-022525 — Lab Sample ID: 460-321063-5

No Detections.

Client Sample ID: SW-03-022525 — Lab Sample ID: 460-321063-6

No Detections.

Client Sample ID: SW-04-022525 — Lab Sample ID: 460-321063-7

No Detections.

Client Sample ID: Field Blank-01-022525 — Lab Sample ID: 460-321063-8

No Detections.

Client Sample ID: Trip Blank-01-022525 — Lab Sample ID: 460-321063-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.45	J	1.0	0.40	ug/L	1		8260D	Total/NA

Client Sample ID: DUP-01-022525 — Lab Sample ID: 460-321063-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.039		0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Chloroethane	1.3		1.0	0.32	ug/L	1		8260D	Total/NA
1,4-Dioxane	1.5		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA

Client Sample ID: SW-SR3-SEEP-2-022525 — Lab Sample ID: 460-321063-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.044		0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Chloroethane	1.2		1.0	0.32	ug/L	1		8260D	Total/NA
1,4-Dioxane	1.5		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA

Client Sample ID: SW-PAB-01A-022525 — Lab Sample ID: 460-321063-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.93	J	1.2	0.42	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: SW-PAB-01-022525 — Lab Sample ID: 460-321063-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.011	J	0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Chloroethane	0.88	J	1.0	0.32	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.55		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA

Client Sample ID: SW-PAB-00-022525 — Lab Sample ID: 460-321063-14

No Detections.

Client Sample ID: SW-PAB-02-022525 — Lab Sample ID: 460-321063-15

No Detections.

Client Sample ID: SW-PAB-03-022525 — Lab Sample ID: 460-321063-16

No Detections.

Client Sample ID: SW-NOB-01-022525 — Lab Sample ID: 460-321063-17

No Detections.

Client Sample ID: SW-PMB-01-022525 — Lab Sample ID: 460-321063-18

No Detections.

Client Sample ID: SW-MRB-00-022525 — Lab Sample ID: 460-321063-19

No Detections.

Client Sample ID: SW-MRB-01-022525 — Lab Sample ID: 460-321063-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.87	J	1.2	0.42	ug/L	1		6020B	Total Recoverable

Client Sample ID: SW-PMB-02-022525 — Lab Sample ID: 460-321063-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.71	J	1.2	0.42	ug/L	1		6020B	Total Recoverable

Client Sample ID: SW-11-022525 — Lab Sample ID: 460-321063-22

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: SW-PAB-04-022525
Date Collected: 02/25/25 10:40
Date Received: 02/26/25 19:30

Lab Sample ID: 460-321063-1
Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/03/25 13:48	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/03/25 13:48	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/03/25 13:48	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/03/25 13:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*112*		*70 - 130*		*03/03/25 13:48*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/09/25 22:26	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/09/25 22:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/09/25 22:26	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/09/25 22:26	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/09/25 22:26	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/09/25 22:26	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/09/25 22:26	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/09/25 22:26	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/09/25 22:26	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/09/25 22:26	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/09/25 22:26	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/09/25 22:26	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/09/25 22:26	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/09/25 22:26	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/09/25 22:26	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/09/25 22:26	1
Acetone	4.4	U	5.0	4.4	ug/L			03/09/25 22:26	1
Benzene	0.070	U	0.45	0.070	ug/L			03/09/25 22:26	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/09/25 22:26	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/09/25 22:26	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/09/25 22:26	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/09/25 22:26	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/09/25 22:26	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/09/25 22:26	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/09/25 22:26	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/09/25 22:26	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/09/25 22:26	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/09/25 22:26	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/09/25 22:26	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/09/25 22:26	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/09/25 22:26	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/09/25 22:26	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/09/25 22:26	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/09/25 22:26	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/09/25 22:26	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/09/25 22:26	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/09/25 22:26	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/09/25 22:26	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/09/25 22:26	1
Styrene	0.42	U	1.0	0.42	ug/L			03/09/25 22:26	1

Client Sample ID: SW-PAB-04-022525
Lab Sample ID: 460-321063-1
Date Collected: 02/25/25 10:40
Matrix: Water
Date Received: 02/26/25 19:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/09/25 22:26	1
Toluene	0.38	U	1.0	0.38	ug/L			03/09/25 22:26	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/09/25 22:26	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/09/25 22:26	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/09/25 22:26	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/09/25 22:26	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/09/25 22:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*03/09/25 22:26*	*1*
4-Bromofluorobenzene	*95*		*70 - 130*		*03/09/25 22:26*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*03/09/25 22:26*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/09/25 22:26*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/01/25 10:24	03/02/25 15:58	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*33*		*10 - 150*	*03/01/25 10:24*	*03/02/25 15:58*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/06/25 13:41	03/06/25 17:47	1
Lead	0.42	U	1.2	0.42	ug/L		03/06/25 13:41	03/06/25 17:47	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/10/25 10:30	03/10/25 12:02	1
Lead	0.42	U	1.2	0.42	ug/L		03/10/25 10:30	03/10/25 12:02	1

Client Sample ID: SW-SP-01-022525
Lab Sample ID: 460-321063-2
Date Collected: 02/25/25 11:30
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/03/25 14:09	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/03/25 14:09	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/03/25 14:09	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/03/25 14:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*03/03/25 14:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/09/25 22:01	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/09/25 22:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/09/25 22:01	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/09/25 22:01	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/09/25 22:01	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: SW-SP-01-022525
Date Collected: 02/25/25 11:30
Date Received: 02/26/25 19:30

Lab Sample ID: 460-321063-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/09/25 22:01	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/09/25 22:01	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/09/25 22:01	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/09/25 22:01	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/09/25 22:01	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/09/25 22:01	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/09/25 22:01	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/09/25 22:01	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/09/25 22:01	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/09/25 22:01	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/09/25 22:01	1
Acetone	4.4	U	5.0	4.4	ug/L			03/09/25 22:01	1
Benzene	0.070	U	0.45	0.070	ug/L			03/09/25 22:01	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/09/25 22:01	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/09/25 22:01	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/09/25 22:01	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/09/25 22:01	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/09/25 22:01	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/09/25 22:01	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/09/25 22:01	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/09/25 22:01	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/09/25 22:01	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/09/25 22:01	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/09/25 22:01	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/09/25 22:01	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/09/25 22:01	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/09/25 22:01	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/09/25 22:01	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/09/25 22:01	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/09/25 22:01	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/09/25 22:01	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/09/25 22:01	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/09/25 22:01	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/09/25 22:01	1
Styrene	0.42	U	1.0	0.42	ug/L			03/09/25 22:01	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/09/25 22:01	1
Toluene	0.38	U	1.0	0.38	ug/L			03/09/25 22:01	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/09/25 22:01	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/09/25 22:01	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/09/25 22:01	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/09/25 22:01	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/09/25 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*03/09/25 22:01*	*1*
4-Bromofluorobenzene	*94*		*70 - 130*		*03/09/25 22:01*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*03/09/25 22:01*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*03/09/25 22:01*	*1*

Client Sample ID: SW-SP-01-022525
Lab Sample ID: 460-321063-2
Date Collected: 02/25/25 11:30
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/01/25 10:24	03/02/25 16:14	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*33*		*10 - 150*	*03/01/25 10:24*	*03/02/25 16:14*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/06/25 13:41	03/06/25 17:50	1
Lead	0.42	U	1.2	0.42	ug/L		03/06/25 13:41	03/06/25 17:50	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/10/25 10:30	03/10/25 12:04	1
Lead	0.42	U	1.2	0.42	ug/L		03/10/25 10:30	03/10/25 12:04	1

Client Sample ID: SW-MRB-02-022525
Lab Sample ID: 460-321063-3
Date Collected: 02/25/25 09:55
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/03/25 14:31	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/03/25 14:31	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/03/25 14:31	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/03/25 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*03/03/25 14:31*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/09/25 21:37	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/09/25 21:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/09/25 21:37	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/09/25 21:37	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/09/25 21:37	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/09/25 21:37	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/09/25 21:37	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/09/25 21:37	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/09/25 21:37	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/09/25 21:37	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/09/25 21:37	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/09/25 21:37	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/09/25 21:37	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/09/25 21:37	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/09/25 21:37	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/09/25 21:37	1
Acetone	**6.1**		5.0	4.4	ug/L			03/09/25 21:37	1
Benzene	0.070	U	0.45	0.070	ug/L			03/09/25 21:37	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/09/25 21:37	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/09/25 21:37	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/09/25 21:37	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: SW-MRB-02-022525
Date Collected: 02/25/25 09:55
Date Received: 02/26/25 19:30

Lab Sample ID: 460-321063-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/09/25 21:37	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/09/25 21:37	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/09/25 21:37	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/09/25 21:37	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/09/25 21:37	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/09/25 21:37	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/09/25 21:37	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/09/25 21:37	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/09/25 21:37	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/09/25 21:37	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/09/25 21:37	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/09/25 21:37	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/09/25 21:37	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/09/25 21:37	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/09/25 21:37	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/09/25 21:37	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/09/25 21:37	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/09/25 21:37	1
Styrene	0.42	U	1.0	0.42	ug/L			03/09/25 21:37	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/09/25 21:37	1
Toluene	0.38	U	1.0	0.38	ug/L			03/09/25 21:37	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/09/25 21:37	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/09/25 21:37	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/09/25 21:37	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/09/25 21:37	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/09/25 21:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*03/09/25 21:37*	*1*
4-Bromofluorobenzene	*96*		*70 - 130*		*03/09/25 21:37*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*03/09/25 21:37*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*03/09/25 21:37*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/01/25 10:24	03/02/25 16:29	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 150*	*03/01/25 10:24*	*03/02/25 16:29*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/06/25 13:41	03/06/25 17:57	1
Lead	**0.64**	**J**	1.2	0.42	ug/L		03/06/25 13:41	03/06/25 17:57	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/10/25 10:30	03/10/25 12:07	1
Lead	0.42	U	1.2	0.42	ug/L		03/10/25 10:30	03/10/25 12:07	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: SW-MRB-03-022525
Date Collected: 02/25/25 10:20
Date Received: 02/26/25 19:30

Lab Sample ID: 460-321063-4
Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/03/25 14:53	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/03/25 14:53	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/03/25 14:53	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/03/25 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*03/03/25 14:53*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/09/25 21:12	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/09/25 21:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/09/25 21:12	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/09/25 21:12	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/09/25 21:12	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/09/25 21:12	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/09/25 21:12	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/09/25 21:12	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/09/25 21:12	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/09/25 21:12	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/09/25 21:12	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/09/25 21:12	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/09/25 21:12	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/09/25 21:12	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/09/25 21:12	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/09/25 21:12	1
Acetone	4.4	U	5.0	4.4	ug/L			03/09/25 21:12	1
Benzene	0.070	U	0.45	0.070	ug/L			03/09/25 21:12	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/09/25 21:12	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/09/25 21:12	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/09/25 21:12	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/09/25 21:12	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/09/25 21:12	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/09/25 21:12	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/09/25 21:12	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/09/25 21:12	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/09/25 21:12	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/09/25 21:12	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/09/25 21:12	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/09/25 21:12	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/09/25 21:12	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/09/25 21:12	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/09/25 21:12	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/09/25 21:12	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/09/25 21:12	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/09/25 21:12	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/09/25 21:12	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/09/25 21:12	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/09/25 21:12	1
Styrene	0.42	U	1.0	0.42	ug/L			03/09/25 21:12	1

Client Sample ID: SW-MRB-03-022525
Lab Sample ID: 460-321063-4
Date Collected: 02/25/25 10:20
Matrix: Water
Date Received: 02/26/25 19:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/09/25 21:12	1
Toluene	0.38	U	1.0	0.38	ug/L			03/09/25 21:12	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/09/25 21:12	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/09/25 21:12	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/09/25 21:12	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/09/25 21:12	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/09/25 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*03/09/25 21:12*	*1*
4-Bromofluorobenzene	*93*		*70 - 130*		*03/09/25 21:12*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*03/09/25 21:12*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/09/25 21:12*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/01/25 10:24	03/02/25 16:45	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*34*		*10 - 150*	*03/01/25 10:24*	*03/02/25 16:45*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/06/25 13:41	03/06/25 18:00	1
Lead	0.42	U	1.2	0.42	ug/L		03/06/25 13:41	03/06/25 18:00	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/10/25 10:30	03/10/25 12:10	1
Lead	0.42	U	1.2	0.42	ug/L		03/10/25 10:30	03/10/25 12:10	1

Client Sample ID: SW-NOB-02-022525
Lab Sample ID: 460-321063-5
Date Collected: 02/25/25 11:00
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/03/25 15:14	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/03/25 15:14	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/03/25 15:14	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/03/25 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*03/03/25 15:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/10/25 10:57	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/10/25 10:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/10/25 10:57	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/10/25 10:57	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/10/25 10:57	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: SW-NOB-02-022525
Date Collected: 02/25/25 11:00
Date Received: 02/26/25 19:30

Lab Sample ID: 460-321063-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/10/25 10:57	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/10/25 10:57	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/10/25 10:57	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/10/25 10:57	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/10/25 10:57	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/10/25 10:57	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/10/25 10:57	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/10/25 10:57	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/10/25 10:57	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/10/25 10:57	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/10/25 10:57	1
Acetone	4.4	U	5.0	4.4	ug/L			03/10/25 10:57	1
Benzene	0.070	U	0.45	0.070	ug/L			03/10/25 10:57	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/10/25 10:57	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/10/25 10:57	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/10/25 10:57	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/10/25 10:57	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/10/25 10:57	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/10/25 10:57	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/10/25 10:57	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/10/25 10:57	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/10/25 10:57	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/10/25 10:57	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/10/25 10:57	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/10/25 10:57	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/10/25 10:57	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/10/25 10:57	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/10/25 10:57	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/10/25 10:57	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/10/25 10:57	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/10/25 10:57	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/10/25 10:57	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/10/25 10:57	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/10/25 10:57	1
Styrene	0.42	U	1.0	0.42	ug/L			03/10/25 10:57	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/10/25 10:57	1
Toluene	0.38	U	1.0	0.38	ug/L			03/10/25 10:57	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/10/25 10:57	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/10/25 10:57	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/10/25 10:57	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/10/25 10:57	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/10/25 10:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*03/10/25 10:57*	*1*
4-Bromofluorobenzene	*93*		*70 - 130*		*03/10/25 10:57*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*03/10/25 10:57*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*03/10/25 10:57*	*1*

Client Sample ID: SW-NOB-02-022525
Lab Sample ID: 460-321063-5
Date Collected: 02/25/25 11:00
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/01/25 10:24	03/02/25 17:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*34*		*10 - 150*	*03/01/25 10:24*	*03/02/25 17:01*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/06/25 13:41	03/06/25 18:03	1
Lead	0.42	U	1.2	0.42	ug/L		03/06/25 13:41	03/06/25 18:03	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/10/25 10:30	03/10/25 12:12	1
Lead	0.42	U	1.2	0.42	ug/L		03/10/25 10:30	03/10/25 12:12	1

Client Sample ID: SW-03-022525
Lab Sample ID: 460-321063-6
Date Collected: 02/25/25 09:10
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/03/25 15:36	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/03/25 15:36	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/03/25 15:36	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/03/25 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 130*		*03/03/25 15:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/09/25 17:57	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/09/25 17:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/09/25 17:57	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/09/25 17:57	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/09/25 17:57	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/09/25 17:57	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/09/25 17:57	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/09/25 17:57	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/09/25 17:57	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/09/25 17:57	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/09/25 17:57	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/09/25 17:57	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/09/25 17:57	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/09/25 17:57	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/09/25 17:57	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/09/25 17:57	1
Acetone	4.4	U	5.0	4.4	ug/L			03/09/25 17:57	1
Benzene	0.070	U	0.45	0.070	ug/L			03/09/25 17:57	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/09/25 17:57	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/09/25 17:57	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/09/25 17:57	1

Client Sample ID: SW-03-022525
Date Collected: 02/25/25 09:10
Date Received: 02/26/25 19:30

Lab Sample ID: 460-321063-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/09/25 17:57	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/09/25 17:57	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/09/25 17:57	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/09/25 17:57	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/09/25 17:57	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/09/25 17:57	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/09/25 17:57	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/09/25 17:57	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/09/25 17:57	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/09/25 17:57	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/09/25 17:57	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/09/25 17:57	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/09/25 17:57	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/09/25 17:57	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/09/25 17:57	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/09/25 17:57	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/09/25 17:57	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/09/25 17:57	1
Styrene	0.42	U	1.0	0.42	ug/L			03/09/25 17:57	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/09/25 17:57	1
Toluene	0.38	U	1.0	0.38	ug/L			03/09/25 17:57	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/09/25 17:57	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/09/25 17:57	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/09/25 17:57	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/09/25 17:57	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/09/25 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*03/09/25 17:57*	*1*
4-Bromofluorobenzene	*93*		*70 - 130*		*03/09/25 17:57*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*03/09/25 17:57*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*03/09/25 17:57*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/01/25 10:24	03/02/25 17:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*31*		*10 - 150*	*03/01/25 10:24*	*03/02/25 17:16*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/06/25 13:41	03/06/25 18:05	1
Lead	0.42	U	1.2	0.42	ug/L		03/06/25 13:41	03/06/25 18:05	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/10/25 10:30	03/10/25 12:15	1
Lead	0.42	U	1.2	0.42	ug/L		03/10/25 10:30	03/10/25 12:15	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: SW-04-022525

Date Collected: 02/25/25 09:30
Date Received: 02/26/25 19:30

Lab Sample ID: 460-321063-7

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/03/25 15:57	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/03/25 15:57	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/03/25 15:57	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/03/25 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*03/03/25 15:57*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 18:04	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 18:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 18:04	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 18:04	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 18:04	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 18:04	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 18:04	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 18:04	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 18:04	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 18:04	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 18:04	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 18:04	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 18:04	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 18:04	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 18:04	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 18:04	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 18:04	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 18:04	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 18:04	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/07/25 18:04	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 18:04	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 18:04	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 18:04	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 18:04	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 18:04	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/07/25 18:04	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 18:04	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 18:04	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 18:04	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 18:04	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 18:04	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 18:04	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 18:04	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 18:04	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 18:04	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/07/25 18:04	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 18:04	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 18:04	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 18:04	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 18:04	1

Client Sample ID: SW-04-022525
Lab Sample ID: 460-321063-7
Date Collected: 02/25/25 09:30
Matrix: Water
Date Received: 02/26/25 19:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 18:04	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 18:04	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 18:04	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 18:04	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 18:04	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 18:04	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*03/07/25 18:04*	*1*
4-Bromofluorobenzene	*94*		*70 - 130*		*03/07/25 18:04*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*03/07/25 18:04*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*03/07/25 18:04*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/01/25 10:24	03/02/25 17:32	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*32*		*10 - 150*	*03/01/25 10:24*	*03/02/25 17:32*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/06/25 13:41	03/06/25 18:13	1
Lead	0.42	U	1.2	0.42	ug/L		03/06/25 13:41	03/06/25 18:13	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/10/25 10:30	03/10/25 12:17	1
Lead	0.42	U	1.2	0.42	ug/L		03/10/25 10:30	03/10/25 12:17	1

Client Sample ID: Field Blank-01-022525
Lab Sample ID: 460-321063-8
Date Collected: 02/25/25 12:00
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/04/25 08:28	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/04/25 08:28	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/04/25 08:28	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/04/25 08:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 130*		*03/04/25 08:28*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 09:06	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 09:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 09:06	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 09:06	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 09:06	1

Client: Cornerstone Environmental Group, LLC
Job ID: 460-321063-1
Project/Site: FORD Ringwood Mines E203361

Client Sample ID: Field Blank-01-022525
Lab Sample ID: 460-321063-8
Date Collected: 02/25/25 12:00
Matrix: Water
Date Received: 02/26/25 19:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 09:06	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 09:06	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 09:06	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 09:06	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 09:06	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 09:06	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 09:06	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 09:06	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 09:06	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 09:06	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 09:06	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 09:06	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 09:06	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 09:06	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/07/25 09:06	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 09:06	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 09:06	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 09:06	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 09:06	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 09:06	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/07/25 09:06	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 09:06	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 09:06	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 09:06	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 09:06	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 09:06	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 09:06	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 09:06	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 09:06	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 09:06	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/07/25 09:06	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 09:06	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 09:06	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 09:06	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 09:06	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 09:06	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 09:06	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 09:06	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 09:06	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 09:06	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 09:06	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 09:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*03/07/25 09:06*	*1*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/07/25 09:06*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*03/07/25 09:06*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*03/07/25 09:06*	*1*

Client Sample ID: Field Blank-01-022525
Lab Sample ID: 460-321063-8
Date Collected: 02/25/25 12:00
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/01/25 10:24	03/02/25 17:48	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*34*		*10 - 150*	*03/01/25 10:24*	*03/02/25 17:48*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/06/25 13:41	03/06/25 18:16	1
Lead	0.42	U	1.2	0.42	ug/L		03/06/25 13:41	03/06/25 18:16	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/10/25 10:30	03/10/25 12:20	1
Lead	0.42	U	1.2	0.42	ug/L		03/10/25 10:30	03/10/25 12:20	1

Client Sample ID: Trip Blank-01-022525
Lab Sample ID: 460-321063-9
Date Collected: 02/25/25 00:00
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/04/25 08:49	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/04/25 08:49	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/04/25 08:49	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/04/25 08:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*113*		*70 - 130*		*03/04/25 08:49*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 09:31	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 09:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 09:31	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 09:31	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 09:31	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 09:31	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 09:31	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 09:31	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 09:31	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 09:31	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 09:31	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 09:31	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 09:31	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 09:31	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 09:31	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 09:31	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 09:31	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 09:31	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 09:31	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/07/25 09:31	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 09:31	1

Client Sample ID: Trip Blank-01-022525
Lab Sample ID: 460-321063-9
Date Collected: 02/25/25 00:00
Matrix: Water
Date Received: 02/26/25 19:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 09:31	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 09:31	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 09:31	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 09:31	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/07/25 09:31	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 09:31	1
Chloromethane	**0.45**	**J**	1.0	0.40	ug/L			03/07/25 09:31	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 09:31	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 09:31	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 09:31	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 09:31	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 09:31	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 09:31	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 09:31	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/07/25 09:31	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 09:31	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 09:31	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 09:31	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 09:31	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 09:31	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 09:31	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 09:31	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 09:31	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 09:31	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 09:31	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 09:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*03/07/25 09:31*	*1*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/07/25 09:31*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*03/07/25 09:31*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/07/25 09:31*	*1*

Client Sample ID: DUP-01-022525
Lab Sample ID: 460-321063-10
Date Collected: 02/25/25 12:00
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/04/25 09:32	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/04/25 09:32	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/04/25 09:32	1
Vinyl chloride	**0.039**		0.035	0.0050	ug/L			03/04/25 09:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*03/04/25 09:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 17:39	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 17:39	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: DUP-01-022525
Date Collected: 02/25/25 12:00
Date Received: 02/26/25 19:30

Lab Sample ID: 460-321063-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 17:39	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 17:39	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 17:39	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 17:39	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 17:39	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 17:39	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 17:39	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 17:39	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 17:39	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 17:39	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 17:39	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 17:39	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 17:39	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 17:39	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 17:39	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 17:39	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 17:39	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/07/25 17:39	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 17:39	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 17:39	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 17:39	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 17:39	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 17:39	1
Chloroethane	**1.3**		1.0	0.32	ug/L			03/07/25 17:39	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 17:39	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 17:39	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 17:39	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 17:39	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 17:39	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 17:39	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 17:39	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 17:39	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 17:39	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/07/25 17:39	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 17:39	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 17:39	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 17:39	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 17:39	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 17:39	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 17:39	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 17:39	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 17:39	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 17:39	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 17:39	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 17:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*		*03/07/25 17:39*	*1*
4-Bromofluorobenzene	*94*		*70 - 130*		*03/07/25 17:39*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*03/07/25 17:39*	*1*

Client Sample ID: DUP-01-022525
Lab Sample ID: 460-321063-10
Date Collected: 02/25/25 12:00
Matrix: Water
Date Received: 02/26/25 19:30

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*107*		*70 - 130*		*03/07/25 17:39*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.5**		0.20	0.072	ug/L		03/01/25 10:24	03/02/25 18:03	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*33*		*10 - 150*	*03/01/25 10:24*	*03/02/25 18:03*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/06/25 13:41	03/06/25 18:08	1
Lead	0.42	U	1.2	0.42	ug/L		03/06/25 13:41	03/06/25 18:08	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/10/25 10:30	03/10/25 12:23	1
Lead	0.42	U	1.2	0.42	ug/L		03/10/25 10:30	03/10/25 12:23	1

Client Sample ID: SW-SR3-SEEP-2-022525
Lab Sample ID: 460-321063-11
Date Collected: 02/25/25 10:45
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/04/25 09:54	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/04/25 09:54	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/04/25 09:54	1
Vinyl chloride	**0.044**		0.035	0.0050	ug/L			03/04/25 09:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*70 - 130*		*03/04/25 09:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 17:15	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 17:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 17:15	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 17:15	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 17:15	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 17:15	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 17:15	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 17:15	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 17:15	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 17:15	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 17:15	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 17:15	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 17:15	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 17:15	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 17:15	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 17:15	1

Client Sample ID: SW-SR3-SEEP-2-022525
Lab Sample ID: 460-321063-11

Date Collected: 02/25/25 10:45
Matrix: Water
Date Received: 02/26/25 19:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 17:15	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 17:15	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 17:15	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/07/25 17:15	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 17:15	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 17:15	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 17:15	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 17:15	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 17:15	1
Chloroethane	**1.2**		1.0	0.32	ug/L			03/07/25 17:15	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 17:15	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 17:15	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 17:15	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 17:15	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 17:15	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 17:15	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 17:15	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 17:15	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 17:15	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/07/25 17:15	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 17:15	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 17:15	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 17:15	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 17:15	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 17:15	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 17:15	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 17:15	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 17:15	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 17:15	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 17:15	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 130*		*03/07/25 17:15*	*1*
4-Bromofluorobenzene	*97*		*70 - 130*		*03/07/25 17:15*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*03/07/25 17:15*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*03/07/25 17:15*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**1.5**		0.20	0.072	ug/L		03/01/25 10:24	03/02/25 18:19	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 150*	*03/01/25 10:24*	*03/02/25 18:19*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/06/25 13:41	03/06/25 17:39	1
Lead	0.42	U	1.2	0.42	ug/L		03/06/25 13:41	03/06/25 17:39	1

Client Sample ID: SW-SR3-SEEP-2-022525
Lab Sample ID: 460-321063-11
Date Collected: 02/25/25 10:45
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/10/25 10:30	03/10/25 12:25	1
Lead	0.42	U	1.2	0.42	ug/L		03/10/25 10:30	03/10/25 12:25	1

Client Sample ID: SW-PAB-01A-022525
Lab Sample ID: 460-321063-12
Date Collected: 02/25/25 12:05
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/04/25 10:16	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/04/25 10:16	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/04/25 10:16	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/04/25 10:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*03/04/25 10:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 16:50	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 16:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 16:50	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 16:50	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 16:50	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 16:50	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 16:50	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 16:50	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 16:50	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 16:50	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 16:50	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 16:50	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 16:50	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 16:50	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 16:50	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 16:50	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 16:50	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 16:50	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 16:50	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/07/25 16:50	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 16:50	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 16:50	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 16:50	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 16:50	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 16:50	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/07/25 16:50	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 16:50	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 16:50	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 16:50	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 16:50	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 16:50	1

Client Sample ID: SW-PAB-01A-022525
Lab Sample ID: 460-321063-12
Date Collected: 02/25/25 12:05
Matrix: Water
Date Received: 02/26/25 19:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 16:50	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 16:50	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 16:50	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 16:50	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/07/25 16:50	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 16:50	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 16:50	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 16:50	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 16:50	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 16:50	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 16:50	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 16:50	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 16:50	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 16:50	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 16:50	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*		*03/07/25 16:50*	*1*
4-Bromofluorobenzene	*94*		*70 - 130*		*03/07/25 16:50*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*03/07/25 16:50*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*03/07/25 16:50*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/01/25 10:24	03/02/25 18:35	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*35*		*10 - 150*	*03/01/25 10:24*	*03/02/25 18:35*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/06/25 13:41	03/06/25 17:42	1
Lead	**0.93**	**J**	1.2	0.42	ug/L		03/06/25 13:41	03/06/25 17:42	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/10/25 10:30	03/10/25 14:19	1
Lead	0.42	U	1.2	0.42	ug/L		03/10/25 10:30	03/10/25 14:19	1

Client Sample ID: SW-PAB-01-022525
Lab Sample ID: 460-321063-13
Date Collected: 02/25/25 11:40
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/04/25 10:37	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/04/25 10:37	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/04/25 10:37	1
Vinyl chloride	**0.011**	**J**	0.035	0.0050	ug/L			03/04/25 10:37	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: SW-PAB-01-022525
Date Collected: 02/25/25 11:40
Date Received: 02/26/25 19:30

Lab Sample ID: 460-321063-13
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*03/04/25 10:37*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 16:26	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 16:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 16:26	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 16:26	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 16:26	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 16:26	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 16:26	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 16:26	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 16:26	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 16:26	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 16:26	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 16:26	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 16:26	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 16:26	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 16:26	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 16:26	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 16:26	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 16:26	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 16:26	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/07/25 16:26	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 16:26	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 16:26	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 16:26	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 16:26	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 16:26	1
Chloroethane	**0.88**	**J**	1.0	0.32	ug/L			03/07/25 16:26	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 16:26	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 16:26	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 16:26	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 16:26	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 16:26	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 16:26	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 16:26	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 16:26	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 16:26	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/07/25 16:26	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 16:26	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 16:26	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 16:26	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 16:26	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 16:26	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 16:26	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 16:26	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 16:26	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 16:26	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 16:26	1

Client Sample ID: SW-PAB-01-022525
Lab Sample ID: 460-321063-13
Date Collected: 02/25/25 11:40
Matrix: Water
Date Received: 02/26/25 19:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*03/07/25 16:26*	*1*
4-Bromofluorobenzene	*95*		*70 - 130*		*03/07/25 16:26*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*03/07/25 16:26*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*03/07/25 16:26*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.55**		0.20	0.072	ug/L		03/01/25 10:24	03/02/25 18:50	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*33*		*10 - 150*	*03/01/25 10:24*	*03/02/25 18:50*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/06/25 13:41	03/06/25 18:10	1
Lead	0.42	U	1.2	0.42	ug/L		03/06/25 13:41	03/06/25 18:10	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/10/25 10:30	03/10/25 14:21	1
Lead	0.42	U	1.2	0.42	ug/L		03/10/25 10:30	03/10/25 14:21	1

Client Sample ID: SW-PAB-00-022525
Lab Sample ID: 460-321063-14
Date Collected: 02/25/25 09:40
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/04/25 09:11	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/04/25 09:11	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/04/25 09:11	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/04/25 09:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 130*		*03/04/25 09:11*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 09:55	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 09:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 09:55	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 09:55	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 09:55	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 09:55	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 09:55	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 09:55	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 09:55	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 09:55	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 09:55	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: SW-PAB-00-022525
Date Collected: 02/25/25 09:40
Date Received: 02/26/25 19:30

Lab Sample ID: 460-321063-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 09:55	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 09:55	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 09:55	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 09:55	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 09:55	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 09:55	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 09:55	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 09:55	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/07/25 09:55	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 09:55	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 09:55	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 09:55	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 09:55	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 09:55	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/07/25 09:55	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 09:55	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 09:55	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 09:55	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 09:55	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 09:55	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 09:55	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 09:55	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 09:55	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 09:55	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/07/25 09:55	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 09:55	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 09:55	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 09:55	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 09:55	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 09:55	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 09:55	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 09:55	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 09:55	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 09:55	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 09:55	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 09:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*		*03/07/25 09:55*	*1*
4-Bromofluorobenzene	*81*		*70 - 130*		*03/07/25 09:55*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*03/07/25 09:55*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/07/25 09:55*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U F2	0.20	0.072	ug/L		03/03/25 09:29	03/03/25 22:20	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 150*	*03/03/25 09:29*	*03/03/25 22:20*	*1*

Client Sample ID: SW-PAB-00-022525
Lab Sample ID: 460-321063-14
Date Collected: 02/25/25 09:40
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/06/25 13:41	03/06/25 16:47	1
Lead	0.42	U	1.2	0.42	ug/L		03/06/25 13:41	03/06/25 16:47	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/10/25 10:30	03/10/25 13:55	1
Lead	0.42	U	1.2	0.42	ug/L		03/10/25 10:30	03/10/25 13:55	1

Client Sample ID: SW-PAB-02-022525
Lab Sample ID: 460-321063-15
Date Collected: 02/25/25 10:05
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/04/25 10:59	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/04/25 10:59	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/04/25 10:59	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/04/25 10:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*03/04/25 10:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 16:02	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 16:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 16:02	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 16:02	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 16:02	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 16:02	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 16:02	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 16:02	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 16:02	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 16:02	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 16:02	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 16:02	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 16:02	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 16:02	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 16:02	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 16:02	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 16:02	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 16:02	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 16:02	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/07/25 16:02	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 16:02	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 16:02	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 16:02	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 16:02	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 16:02	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/07/25 16:02	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 16:02	1

Client Sample ID: SW-PAB-02-022525
Lab Sample ID: 460-321063-15
Date Collected: 02/25/25 10:05
Matrix: Water
Date Received: 02/26/25 19:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 16:02	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 16:02	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 16:02	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 16:02	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 16:02	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 16:02	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 16:02	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 16:02	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/07/25 16:02	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 16:02	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 16:02	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 16:02	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 16:02	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 16:02	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 16:02	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 16:02	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 16:02	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 16:02	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 16:02	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 16:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 130*		*03/07/25 16:02*	*1*
4-Bromofluorobenzene	*97*		*70 - 130*		*03/07/25 16:02*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*03/07/25 16:02*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*03/07/25 16:02*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/03/25 09:29	03/04/25 01:27	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*31*		*10 - 150*	*03/03/25 09:29*	*03/04/25 01:27*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/06/25 13:41	03/06/25 17:44	1
Lead	0.42	U	1.2	0.42	ug/L		03/06/25 13:41	03/06/25 17:44	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:33	03/11/25 13:35	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:33	03/11/25 13:35	1

Client Sample ID: SW-PAB-03-022525
Lab Sample ID: 460-321063-16
Date Collected: 02/25/25 11:05
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/04/25 11:20	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/04/25 11:20	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: SW-PAB-03-022525
Date Collected: 02/25/25 11:05
Date Received: 02/26/25 19:30

Lab Sample ID: 460-321063-16
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/04/25 11:20	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/04/25 11:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 130*		*03/04/25 11:20*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/09/25 22:50	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/09/25 22:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/09/25 22:50	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/09/25 22:50	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/09/25 22:50	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/09/25 22:50	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/09/25 22:50	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/09/25 22:50	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/09/25 22:50	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/09/25 22:50	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/09/25 22:50	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/09/25 22:50	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/09/25 22:50	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/09/25 22:50	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/09/25 22:50	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/09/25 22:50	1
Acetone	4.4	U	5.0	4.4	ug/L			03/09/25 22:50	1
Benzene	0.070	U	0.45	0.070	ug/L			03/09/25 22:50	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/09/25 22:50	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/09/25 22:50	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/09/25 22:50	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/09/25 22:50	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/09/25 22:50	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/09/25 22:50	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/09/25 22:50	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/09/25 22:50	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/09/25 22:50	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/09/25 22:50	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/09/25 22:50	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/09/25 22:50	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/09/25 22:50	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/09/25 22:50	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/09/25 22:50	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/09/25 22:50	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/09/25 22:50	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/09/25 22:50	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/09/25 22:50	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/09/25 22:50	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/09/25 22:50	1
Styrene	0.42	U	1.0	0.42	ug/L			03/09/25 22:50	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/09/25 22:50	1
Toluene	0.38	U	1.0	0.38	ug/L			03/09/25 22:50	1

Client Sample ID: SW-PAB-03-022525
Lab Sample ID: 460-321063-16
Date Collected: 02/25/25 11:05
Matrix: Water
Date Received: 02/26/25 19:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/09/25 22:50	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/09/25 22:50	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/09/25 22:50	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/09/25 22:50	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/09/25 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*03/09/25 22:50*	*1*
4-Bromofluorobenzene	*95*		*70 - 130*		*03/09/25 22:50*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*03/09/25 22:50*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*03/09/25 22:50*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/03/25 09:29	03/04/25 01:43	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*31*		*10 - 150*	*03/03/25 09:29*	*03/04/25 01:43*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/09/25 19:10	03/10/25 15:06	1
Lead	0.42	U	1.2	0.42	ug/L		03/09/25 19:10	03/10/25 15:06	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:33	03/11/25 13:37	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:33	03/11/25 13:37	1

Client Sample ID: SW-NOB-01-022525
Lab Sample ID: 460-321063-17
Date Collected: 02/25/25 09:35
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/04/25 11:42	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/04/25 11:42	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/04/25 11:42	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/04/25 11:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*70 - 130*		*03/04/25 11:42*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/09/25 23:15	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/09/25 23:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/09/25 23:15	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/09/25 23:15	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/09/25 23:15	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/09/25 23:15	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/09/25 23:15	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: SW-NOB-01-022525
Date Collected: 02/25/25 09:35
Date Received: 02/26/25 19:30

Lab Sample ID: 460-321063-17
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/09/25 23:15	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/09/25 23:15	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/09/25 23:15	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/09/25 23:15	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/09/25 23:15	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/09/25 23:15	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/09/25 23:15	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/09/25 23:15	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/09/25 23:15	1
Acetone	4.4	U	5.0	4.4	ug/L			03/09/25 23:15	1
Benzene	0.070	U	0.45	0.070	ug/L			03/09/25 23:15	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/09/25 23:15	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/09/25 23:15	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/09/25 23:15	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/09/25 23:15	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/09/25 23:15	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/09/25 23:15	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/09/25 23:15	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/09/25 23:15	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/09/25 23:15	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/09/25 23:15	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/09/25 23:15	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/09/25 23:15	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/09/25 23:15	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/09/25 23:15	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/09/25 23:15	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/09/25 23:15	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/09/25 23:15	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/09/25 23:15	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/09/25 23:15	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/09/25 23:15	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/09/25 23:15	1
Styrene	0.42	U	1.0	0.42	ug/L			03/09/25 23:15	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/09/25 23:15	1
Toluene	0.38	U	1.0	0.38	ug/L			03/09/25 23:15	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/09/25 23:15	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/09/25 23:15	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/09/25 23:15	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/09/25 23:15	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/09/25 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*		*03/09/25 23:15*	*1*
4-Bromofluorobenzene	*95*		*70 - 130*		*03/09/25 23:15*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*03/09/25 23:15*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*03/09/25 23:15*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/03/25 09:29	03/04/25 01:59	1

Client Sample ID: SW-NOB-01-022525
Lab Sample ID: 460-321063-17
Date Collected: 02/25/25 09:35
Matrix: Water
Date Received: 02/26/25 19:30

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*33*		*10 - 150*	*03/03/25 09:29*	*03/04/25 01:59*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/09/25 19:10	03/10/25 15:09	1
Lead	0.42	U	1.2	0.42	ug/L		03/09/25 19:10	03/10/25 15:09	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:33	03/11/25 13:40	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:33	03/11/25 13:40	1

Client Sample ID: SW-PMB-01-022525
Lab Sample ID: 460-321063-18
Date Collected: 02/25/25 10:40
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/04/25 12:03	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/04/25 12:03	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/04/25 12:03	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/04/25 12:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*03/04/25 12:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/09/25 23:39	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/09/25 23:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/09/25 23:39	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/09/25 23:39	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/09/25 23:39	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/09/25 23:39	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/09/25 23:39	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/09/25 23:39	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/09/25 23:39	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/09/25 23:39	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/09/25 23:39	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/09/25 23:39	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/09/25 23:39	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/09/25 23:39	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/09/25 23:39	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/09/25 23:39	1
Acetone	4.4	U	5.0	4.4	ug/L			03/09/25 23:39	1
Benzene	0.070	U	0.45	0.070	ug/L			03/09/25 23:39	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/09/25 23:39	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/09/25 23:39	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/09/25 23:39	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/09/25 23:39	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/09/25 23:39	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/09/25 23:39	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: SW-PMB-01-022525
Date Collected: 02/25/25 10:40
Date Received: 02/26/25 19:30

Lab Sample ID: 460-321063-18
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/09/25 23:39	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/09/25 23:39	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/09/25 23:39	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/09/25 23:39	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/09/25 23:39	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/09/25 23:39	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/09/25 23:39	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/09/25 23:39	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/09/25 23:39	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/09/25 23:39	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/09/25 23:39	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/09/25 23:39	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/09/25 23:39	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/09/25 23:39	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/09/25 23:39	1
Styrene	0.42	U	1.0	0.42	ug/L			03/09/25 23:39	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/09/25 23:39	1
Toluene	0.38	U	1.0	0.38	ug/L			03/09/25 23:39	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/09/25 23:39	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/09/25 23:39	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/09/25 23:39	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/09/25 23:39	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/09/25 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*03/09/25 23:39*	*1*
4-Bromofluorobenzene	*96*		*70 - 130*		*03/09/25 23:39*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*03/09/25 23:39*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*03/09/25 23:39*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/03/25 09:29	03/04/25 02:14	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 150*	*03/03/25 09:29*	*03/04/25 02:14*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/09/25 19:10	03/10/25 15:16	1
Lead	0.42	U	1.2	0.42	ug/L		03/09/25 19:10	03/10/25 15:16	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:41	03/11/25 17:08	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:41	03/11/25 17:08	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: SW-MRB-00-022525
Date Collected: 02/25/25 12:05
Date Received: 02/26/25 19:30

Lab Sample ID: 460-321063-19
Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/04/25 12:25	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/04/25 12:25	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/04/25 12:25	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/04/25 12:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*113*		*70 - 130*		*03/04/25 12:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/10/25 00:03	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/10/25 00:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/10/25 00:03	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/10/25 00:03	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/10/25 00:03	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/10/25 00:03	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/10/25 00:03	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/10/25 00:03	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/10/25 00:03	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/10/25 00:03	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/10/25 00:03	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/10/25 00:03	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/10/25 00:03	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/10/25 00:03	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/10/25 00:03	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/10/25 00:03	1
Acetone	4.4	U	5.0	4.4	ug/L			03/10/25 00:03	1
Benzene	0.070	U	0.45	0.070	ug/L			03/10/25 00:03	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/10/25 00:03	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/10/25 00:03	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/10/25 00:03	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/10/25 00:03	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/10/25 00:03	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/10/25 00:03	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/10/25 00:03	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/10/25 00:03	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/10/25 00:03	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/10/25 00:03	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/10/25 00:03	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/10/25 00:03	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/10/25 00:03	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/10/25 00:03	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/10/25 00:03	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/10/25 00:03	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/10/25 00:03	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/10/25 00:03	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/10/25 00:03	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/10/25 00:03	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/10/25 00:03	1
Styrene	0.42	U	1.0	0.42	ug/L			03/10/25 00:03	1

Client Sample ID: SW-MRB-00-022525
Lab Sample ID: 460-321063-19
Date Collected: 02/25/25 12:05
Matrix: Water
Date Received: 02/26/25 19:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/10/25 00:03	1
Toluene	0.38	U	1.0	0.38	ug/L			03/10/25 00:03	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/10/25 00:03	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/10/25 00:03	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/10/25 00:03	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/10/25 00:03	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/10/25 00:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*03/10/25 00:03*	*1*
4-Bromofluorobenzene	*92*		*70 - 130*		*03/10/25 00:03*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*03/10/25 00:03*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*03/10/25 00:03*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/03/25 09:29	03/04/25 02:30	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*26*		*10 - 150*	*03/03/25 09:29*	*03/04/25 02:30*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/09/25 19:10	03/10/25 15:19	1
Lead	0.42	U	1.2	0.42	ug/L		03/09/25 19:10	03/10/25 15:19	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:41	03/11/25 17:19	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:41	03/11/25 17:19	1

Client Sample ID: SW-MRB-01-022525
Lab Sample ID: 460-321063-20
Date Collected: 02/25/25 12:35
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/04/25 12:47	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/04/25 12:47	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/04/25 12:47	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/04/25 12:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*03/04/25 12:47*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/10/25 00:28	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/10/25 00:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/10/25 00:28	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/10/25 00:28	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/10/25 00:28	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: SW-MRB-01-022525
Date Collected: 02/25/25 12:35
Date Received: 02/26/25 19:30

Lab Sample ID: 460-321063-20
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/10/25 00:28	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/10/25 00:28	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/10/25 00:28	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/10/25 00:28	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/10/25 00:28	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/10/25 00:28	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/10/25 00:28	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/10/25 00:28	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/10/25 00:28	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/10/25 00:28	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/10/25 00:28	1
Acetone	4.4	U	5.0	4.4	ug/L			03/10/25 00:28	1
Benzene	0.070	U	0.45	0.070	ug/L			03/10/25 00:28	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/10/25 00:28	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/10/25 00:28	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/10/25 00:28	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/10/25 00:28	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/10/25 00:28	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/10/25 00:28	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/10/25 00:28	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/10/25 00:28	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/10/25 00:28	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/10/25 00:28	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/10/25 00:28	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/10/25 00:28	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/10/25 00:28	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/10/25 00:28	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/10/25 00:28	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/10/25 00:28	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/10/25 00:28	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/10/25 00:28	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/10/25 00:28	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/10/25 00:28	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/10/25 00:28	1
Styrene	0.42	U	1.0	0.42	ug/L			03/10/25 00:28	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/10/25 00:28	1
Toluene	0.38	U	1.0	0.38	ug/L			03/10/25 00:28	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/10/25 00:28	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/10/25 00:28	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/10/25 00:28	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/10/25 00:28	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/10/25 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*		*03/10/25 00:28*	*1*
4-Bromofluorobenzene	*96*		*70 - 130*		*03/10/25 00:28*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*03/10/25 00:28*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*03/10/25 00:28*	*1*

Client Sample ID: SW-MRB-01-022525
Lab Sample ID: 460-321063-20
Date Collected: 02/25/25 12:35
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/03/25 09:29	03/04/25 02:46	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*26*		*10 - 150*	*03/03/25 09:29*	*03/04/25 02:46*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/09/25 19:10	03/10/25 15:22	1
Lead	**0.87**	**J**	1.2	0.42	ug/L		03/09/25 19:10	03/10/25 15:22	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:41	03/11/25 17:21	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:41	03/11/25 17:21	1

Client Sample ID: SW-PMB-02-022525
Lab Sample ID: 460-321063-21
Date Collected: 02/25/25 11:45
Matrix: Water
Date Received: 02/26/25 19:30

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/04/25 13:08	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/04/25 13:08	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/04/25 13:08	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/04/25 13:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 130*		*03/04/25 13:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/10/25 00:52	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/10/25 00:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/10/25 00:52	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/10/25 00:52	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/10/25 00:52	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/10/25 00:52	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/10/25 00:52	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/10/25 00:52	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/10/25 00:52	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/10/25 00:52	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/10/25 00:52	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/10/25 00:52	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/10/25 00:52	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/10/25 00:52	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/10/25 00:52	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/10/25 00:52	1
Acetone	4.4	U	5.0	4.4	ug/L			03/10/25 00:52	1
Benzene	0.070	U	0.45	0.070	ug/L			03/10/25 00:52	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/10/25 00:52	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/10/25 00:52	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/10/25 00:52	1

Client Sample ID: SW-PMB-02-022525
Date Collected: 02/25/25 11:45
Date Received: 02/26/25 19:30

Lab Sample ID: 460-321063-21
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/10/25 00:52	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/10/25 00:52	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/10/25 00:52	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/10/25 00:52	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/10/25 00:52	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/10/25 00:52	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/10/25 00:52	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/10/25 00:52	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/10/25 00:52	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/10/25 00:52	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/10/25 00:52	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/10/25 00:52	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/10/25 00:52	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/10/25 00:52	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/10/25 00:52	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/10/25 00:52	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/10/25 00:52	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/10/25 00:52	1
Styrene	0.42	U	1.0	0.42	ug/L			03/10/25 00:52	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/10/25 00:52	1
Toluene	0.38	U	1.0	0.38	ug/L			03/10/25 00:52	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/10/25 00:52	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/10/25 00:52	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/10/25 00:52	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/10/25 00:52	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/10/25 00:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*03/10/25 00:52*	*1*
4-Bromofluorobenzene	*97*		*70 - 130*		*03/10/25 00:52*	*1*
Dibromofluoromethane (Surr)	*97*		*70 - 130*		*03/10/25 00:52*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/10/25 00:52*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/03/25 09:29	03/04/25 03:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*31*		*10 - 150*	*03/03/25 09:29*	*03/04/25 03:01*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/09/25 19:10	03/10/25 15:24	1
Lead	**0.71**	**J**	1.2	0.42	ug/L		03/09/25 19:10	03/10/25 15:24	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:41	03/11/25 17:24	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:41	03/11/25 17:24	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: SW-11-022525

Date Collected: 02/25/25 10:30
Date Received: 02/26/25 19:30

Lab Sample ID: 460-321063-22

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/04/25 13:30	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/04/25 13:30	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/04/25 13:30	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/04/25 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*03/04/25 13:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/10/25 01:16	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/10/25 01:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/10/25 01:16	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/10/25 01:16	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/10/25 01:16	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/10/25 01:16	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/10/25 01:16	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/10/25 01:16	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/10/25 01:16	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/10/25 01:16	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/10/25 01:16	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/10/25 01:16	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/10/25 01:16	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/10/25 01:16	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/10/25 01:16	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/10/25 01:16	1
Acetone	4.4	U	5.0	4.4	ug/L			03/10/25 01:16	1
Benzene	0.070	U	0.45	0.070	ug/L			03/10/25 01:16	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/10/25 01:16	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/10/25 01:16	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/10/25 01:16	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/10/25 01:16	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/10/25 01:16	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/10/25 01:16	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/10/25 01:16	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/10/25 01:16	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/10/25 01:16	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/10/25 01:16	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/10/25 01:16	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/10/25 01:16	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/10/25 01:16	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/10/25 01:16	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/10/25 01:16	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/10/25 01:16	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/10/25 01:16	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/10/25 01:16	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/10/25 01:16	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/10/25 01:16	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/10/25 01:16	1
Styrene	0.42	U	1.0	0.42	ug/L			03/10/25 01:16	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: SW-11-022525
Date Collected: 02/25/25 10:30
Date Received: 02/26/25 19:30

Lab Sample ID: 460-321063-22
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/10/25 01:16	1
Toluene	0.38	U	1.0	0.38	ug/L			03/10/25 01:16	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/10/25 01:16	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/10/25 01:16	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/10/25 01:16	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/10/25 01:16	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/10/25 01:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*03/10/25 01:16*	*1*
4-Bromofluorobenzene	*93*		*70 - 130*		*03/10/25 01:16*	*1*
Dibromofluoromethane (Surr)	*98*		*70 - 130*		*03/10/25 01:16*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/10/25 01:16*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/03/25 09:29	03/04/25 03:17	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*23*		*10 - 150*	*03/03/25 09:29*	*03/04/25 03:17*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/09/25 19:10	03/10/25 15:55	1
Lead	0.42	U	1.2	0.42	ug/L		03/09/25 19:10	03/10/25 15:55	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:41	03/11/25 17:27	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:41	03/11/25 17:27	1

Surrogate Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)	(70-130)
460-321063-1	SW-PAB-04-022525	101	95	97	105
460-321063-2	SW-SP-01-022525	102	94	97	106
460-321063-3	SW-MRB-02-022525	103	96	100	106
460-321063-4	SW-MRB-03-022525	103	93	97	105
460-321063-5	SW-NOB-02-022525	106	93	101	108
460-321063-6	SW-03-022525	102	93	97	107
460-321063-6 MS	SW-03-022525	100	96	99	106
460-321063-6 MSD	SW-03-022525	99	94	99	106
460-321063-7	SW-04-022525	109	94	99	106
460-321063-8	Field Blank-01-022525	103	100	99	106
460-321063-9	Trip Blank-01-022525	102	100	103	105
460-321063-10	DUP-01-022525	110	94	100	107
460-321063-11	SW-SR3-SEEP-2-022525	111	97	97	107
460-321063-12	SW-PAB-01A-022525	110	94	100	106
460-321063-13	SW-PAB-01-022525	108	95	99	107
460-321063-14	SW-PAB-00-022525	107	81	101	98
460-321063-14 MS	SW-PAB-00-022525	105	93	100	106
460-321063-14 MSD	SW-PAB-00-022525	106	94	99	107
460-321063-15	SW-PAB-02-022525	111	97	97	107
460-321063-16	SW-PAB-03-022525	103	95	99	107
460-321063-17	SW-NOB-01-022525	103	95	99	106
460-321063-18	SW-PMB-01-022525	101	96	97	107
460-321063-19	SW-MRB-00-022525	102	92	98	106
460-321063-20	SW-MRB-01-022525	102	96	97	106
460-321063-21	SW-PMB-02-022525	101	97	97	105
460-321063-22	SW-11-022525	101	93	98	105
LCS 460-1024621/3	Lab Control Sample	108	96	100	106
LCS 460-1024934/4	Lab Control Sample	106	94	100	105
LCS 460-1024985/4	Lab Control Sample	101	94	98	107
LCSD 460-1024621/4	Lab Control Sample Dup	105	97	99	106
LCSD 460-1024934/5	Lab Control Sample Dup	102	97	94	107
LCSD 460-1024985/5	Lab Control Sample Dup	103	94	97	106
MB 460-1024621/8	Method Blank	106	101	99	106
MB 460-1024934/9	Method Blank	105	97	96	107
MB 460-1024985/10	Method Blank	106	94	100	109

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
		BFB
Lab Sample ID	Client Sample ID	(70-130)
460-321063-1	SW-PAB-04-022525	112
460-321063-2	SW-SP-01-022525	107

Surrogate Summary

Client: Cornerstone Environmental Group, LLC
Job ID: 460-321063-1
Project/Site: FORD Ringwood Mines E203361

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	BFB (70-130)						
460-321063-3	SW-MRB-02-022525	107						
460-321063-4	SW-MRB-03-022525	106						
460-321063-5	SW-NOB-02-022525	105						
460-321063-6	SW-03-022525	108						
460-321063-7	SW-04-022525	105						
460-321063-8	Field Blank-01-022525	108						
460-321063-9	Trip Blank-01-022525	113						
460-321063-10	DUP-01-022525	107						
460-321063-11	SW-SR3-SEEP-2-022525	110						
460-321063-12	SW-PAB-01A-022525	109						
460-321063-13	SW-PAB-01-022525	109						
460-321063-14	SW-PAB-00-022525	108						
460-321063-14 MS	SW-PAB-00-022525	109						
460-321063-14 MSD	SW-PAB-00-022525	108						
460-321063-15	SW-PAB-02-022525	105						
460-321063-16	SW-PAB-03-022525	108						
460-321063-17	SW-NOB-01-022525	110						
460-321063-18	SW-PMB-01-022525	107						
460-321063-19	SW-MRB-00-022525	113						
460-321063-20	SW-MRB-01-022525	107						
460-321063-21	SW-PMB-02-022525	108						
460-321063-22	SW-11-022525	109						
LCS 460-1023784/4	Lab Control Sample	107						
LCS 460-1023952/3	Lab Control Sample	110						
LCSD 460-1023784/5	Lab Control Sample Dup	105						
MB 460-1023784/7	Method Blank	108						
MB 460-1023952/7	Method Blank	110						

Surrogate Legend

BFB = 4-Bromofluorobenzene

Isotope Dilution Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DXE (10-150)						
460-321063-1	SW-PAB-04-022525	33						
460-321063-2	SW-SP-01-022525	33						
460-321063-3	SW-MRB-02-022525	30						
460-321063-4	SW-MRB-03-022525	34						
460-321063-5	SW-NOB-02-022525	34						
460-321063-6	SW-03-022525	31						
460-321063-7	SW-04-022525	32						
460-321063-8	Field Blank-01-022525	34						
460-321063-10	DUP-01-022525	33						
460-321063-11	SW-SR3-SEEP-2-022525	30						
460-321063-12	SW-PAB-01A-022525	35						
460-321063-13	SW-PAB-01-022525	33						
460-321063-14	SW-PAB-00-022525	30						
460-321063-14 MS	SW-PAB-00-022525	31						
460-321063-14 MSD	SW-PAB-00-022525	23						
460-321063-15	SW-PAB-02-022525	31						
460-321063-16	SW-PAB-03-022525	31						
460-321063-17	SW-NOB-01-022525	33						
460-321063-18	SW-PMB-01-022525	30						
460-321063-19	SW-MRB-00-022525	26						
460-321063-20	SW-MRB-01-022525	26						
460-321063-21	SW-PMB-02-022525	31						
460-321063-22	SW-11-022525	23						
460-321204-A-3-A MSD	Matrix Spike Duplicate	34						
460-321204-B-3-A MS	Matrix Spike	32						
LCS 460-1023668/2-A	Lab Control Sample	29						
LCS 460-1023816/2-A	Lab Control Sample	27						
LCSD 460-1023668/3-A	Lab Control Sample Dup	29						
LCSD 460-1023816/3-A	Lab Control Sample Dup	19						
MB 460-1023668/1-A	Method Blank	30						
MB 460-1023816/1-A	Method Blank	27						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 460-1024621/8
Matrix: Water
Analysis Batch: 1024621

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	0.24	U	1.0	0.24	ug/L			03/07/25 08:42	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 08:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 08:42	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 08:42	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 08:42	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 08:42	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 08:42	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 08:42	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 08:42	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 08:42	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 08:42	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 08:42	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 08:42	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 08:42	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 08:42	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 08:42	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 08:42	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 08:42	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 08:42	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/07/25 08:42	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 08:42	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 08:42	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 08:42	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 08:42	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 08:42	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/07/25 08:42	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 08:42	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 08:42	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 08:42	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 08:42	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 08:42	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 08:42	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 08:42	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 08:42	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 08:42	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/07/25 08:42	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 08:42	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 08:42	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 08:42	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 08:42	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 08:42	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 08:42	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 08:42	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 08:42	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 08:42	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 08:42	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 08:42	1

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

Lab Sample ID: MB 460-1024621/8
Matrix: Water
Analysis Batch: 1024621

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 130		03/07/25 08:42	1
4-Bromofluorobenzene	101		70 - 130		03/07/25 08:42	1
Dibromofluoromethane (Surr)	99		70 - 130		03/07/25 08:42	1
Toluene-d8 (Surr)	106		70 - 130		03/07/25 08:42	1

Lab Sample ID: LCS 460-1024621/3
Matrix: Water
Analysis Batch: 1024621

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	20.0	18.6		ug/L		93	70 - 130
1,1,2,2-Tetrachloroethane	20.0	20.9		ug/L		105	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.5		ug/L		103	70 - 130
1,1,2-Trichloroethane	20.0	21.5		ug/L		107	70 - 130
1,1-Dichloroethane	20.0	21.7		ug/L		108	70 - 130
1,1-Dichloroethene	20.0	20.7		ug/L		103	70 - 130
1,2,3-Trichlorobenzene	20.0	20.1		ug/L		100	70 - 130
1,2,4-Trichlorobenzene	20.0	19.4		ug/L		97	70 - 130
1,2-Dichlorobenzene	20.0	19.2		ug/L		96	70 - 130
1,2-Dichloroethane	20.0	20.1		ug/L		101	70 - 130
1,2-Dichloropropane	20.0	21.4		ug/L		107	70 - 130
1,3-Dichlorobenzene	20.0	18.2		ug/L		91	70 - 130
1,4-Dichlorobenzene	20.0	18.0		ug/L		90	70 - 130
2-Butanone (MEK)	100	85.5		ug/L		85	40 - 160
2-Hexanone	100	94.1		ug/L		94	40 - 160
4-Methyl-2-pentanone (MIBK)	100	91.4		ug/L		91	40 - 160
Acetone	100	83.9		ug/L		84	40 - 160
Benzene	20.0	21.5		ug/L		107	70 - 130
Bromoform	20.0	18.2		ug/L		91	70 - 130
Bromomethane	20.0	19.9		ug/L		100	40 - 160
Carbon disulfide	20.0	20.3		ug/L		102	40 - 160
Carbon tetrachloride	20.0	18.4		ug/L		92	70 - 130
Chlorobenzene	20.0	20.1		ug/L		100	70 - 130
Chlorobromomethane	20.0	18.6		ug/L		93	70 - 130
Chlorodibromomethane	20.0	19.3		ug/L		96	70 - 130
Chloroethane	20.0	26.4		ug/L		132	40 - 160
Chloroform	20.0	19.7		ug/L		99	70 - 130
Chloromethane	20.0	26.4		ug/L		132	40 - 160
cis-1,2-Dichloroethene	20.0	19.7		ug/L		98	70 - 130
cis-1,3-Dichloropropene	20.0	21.9		ug/L		110	70 - 130
Cyclohexane	20.0	23.0		ug/L		115	70 - 130
Dichlorobromomethane	20.0	20.1		ug/L		100	70 - 130
Dichlorodifluoromethane	20.0	15.3		ug/L		77	40 - 160
Ethylbenzene	20.0	18.8		ug/L		94	70 - 130
Isopropylbenzene	20.0	18.8		ug/L		94	70 - 130
Methyl acetate	40.0	43.4		ug/L		108	70 - 130
Methyl tert-butyl ether	20.0	20.2		ug/L		101	70 - 130
Methylcyclohexane	20.0	20.7		ug/L		104	70 - 130

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

Lab Sample ID: LCS 460-1024621/3
Matrix: Water
Analysis Batch: 1024621

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methylene Chloride			20.0	19.9		ug/L		99	70 - 130		
Styrene			20.0	19.2		ug/L		96	70 - 130		
Tetrachloroethene			20.0	18.8		ug/L		94	70 - 130		
Toluene			20.0	20.0		ug/L		100	70 - 130		
trans-1,2-Dichloroethene			20.0	19.4		ug/L		97	70 - 130		
trans-1,3-Dichloropropene			20.0	20.1		ug/L		101	70 - 130		
Trichloroethene			20.0	19.7		ug/L		99	70 - 130		
Trichlorofluoromethane			20.0	19.5		ug/L		98	40 - 160		
Xylenes, Total			40.0	38.8		ug/L		97	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*
4-Bromofluorobenzene	*96*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 460-1024621/4
Matrix: Water
Analysis Batch: 1024621

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	20.0		ug/L		100	70 - 130	7	20
1,1,2,2-Tetrachloroethane			20.0	21.3		ug/L		107	70 - 130	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	22.4		ug/L		112	70 - 130	9	20
1,1,2-Trichloroethane			20.0	21.9		ug/L		109	70 - 130	2	20
1,1-Dichloroethane			20.0	22.3		ug/L		112	70 - 130	3	20
1,1-Dichloroethene			20.0	21.4		ug/L		107	70 - 130	3	20
1,2,3-Trichlorobenzene			20.0	20.8		ug/L		104	70 - 130	4	20
1,2,4-Trichlorobenzene			20.0	19.8		ug/L		99	70 - 130	2	20
1,2-Dichlorobenzene			20.0	19.6		ug/L		98	70 - 130	2	20
1,2-Dichloroethane			20.0	20.6		ug/L		103	70 - 130	2	20
1,2-Dichloropropane			20.0	21.9		ug/L		110	70 - 130	3	20
1,3-Dichlorobenzene			20.0	19.2		ug/L		96	70 - 130	5	20
1,4-Dichlorobenzene			20.0	18.8		ug/L		94	70 - 130	4	20
2-Butanone (MEK)			100	87.9		ug/L		88	40 - 160	3	20
2-Hexanone			100	98.2		ug/L		98	40 - 160	4	20
4-Methyl-2-pentanone (MIBK)			100	96.6		ug/L		97	40 - 160	6	20
Acetone			100	94.9		ug/L		95	40 - 160	12	20
Benzene			20.0	22.0		ug/L		110	70 - 130	3	20
Bromoform			20.0	17.6		ug/L		88	70 - 130	3	20
Bromomethane			20.0	20.9		ug/L		104	40 - 160	5	20
Carbon disulfide			20.0	21.3		ug/L		106	40 - 160	4	20
Carbon tetrachloride			20.0	19.4		ug/L		97	70 - 130	5	20
Chlorobenzene			20.0	21.2		ug/L		106	70 - 130	6	20
Chlorobromomethane			20.0	19.6		ug/L		98	70 - 130	5	20
Chlorodibromomethane			20.0	19.9		ug/L		100	70 - 130	3	20
Chloroethane			20.0	26.6		ug/L		133	40 - 160	1	20
Chloroform			20.0	20.0		ug/L		100	70 - 130	1	20

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

Lab Sample ID: LCSD 460-1024621/4
Matrix: Water
Analysis Batch: 1024621

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane			20.0	25.4		ug/L		127	40 - 160	4	20
cis-1,2-Dichloroethene			20.0	20.1		ug/L		101	70 - 130	2	20
cis-1,3-Dichloropropene			20.0	22.7		ug/L		114	70 - 130	4	20
Cyclohexane			20.0	24.6		ug/L		123	70 - 130	7	20
Dichlorobromomethane			20.0	21.0		ug/L		105	70 - 130	4	20
Dichlorodifluoromethane			20.0	15.8		ug/L		79	40 - 160	3	20
Ethylbenzene			20.0	19.5		ug/L		97	70 - 130	4	20
Isopropylbenzene			20.0	20.0		ug/L		100	70 - 130	6	20
Methyl acetate			40.0	44.4		ug/L		111	70 - 130	2	20
Methyl tert-butyl ether			20.0	20.8		ug/L		104	70 - 130	3	20
Methylcyclohexane			20.0	21.5		ug/L		108	70 - 130	4	20
Methylene Chloride			20.0	20.7		ug/L		103	70 - 130	4	20
Styrene			20.0	19.9		ug/L		99	70 - 130	4	20
Tetrachloroethene			20.0	20.9		ug/L		105	70 - 130	11	20
Toluene			20.0	20.7		ug/L		103	70 - 130	3	20
trans-1,2-Dichloroethene			20.0	20.4		ug/L		102	70 - 130	5	20
trans-1,3-Dichloropropene			20.0	20.5		ug/L		103	70 - 130	2	20
Trichloroethene			20.0	20.6		ug/L		103	70 - 130	5	20
Trichlorofluoromethane			20.0	20.4		ug/L		102	40 - 160	5	20
Xylenes, Total			40.0	40.2		ug/L		101	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

Lab Sample ID: MB 460-1024934/9
Matrix: Water
Analysis Batch: 1024934

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	0.24	U	1.0	0.24	ug/L			03/09/25 17:32	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/09/25 17:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/09/25 17:32	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/09/25 17:32	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/09/25 17:32	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/09/25 17:32	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/09/25 17:32	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/09/25 17:32	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/09/25 17:32	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/09/25 17:32	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/09/25 17:32	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/09/25 17:32	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/09/25 17:32	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/09/25 17:32	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/09/25 17:32	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/09/25 17:32	1

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

Lab Sample ID: MB 460-1024934/9
Matrix: Water
Analysis Batch: 1024934

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	4.4	U	5.0	4.4	ug/L			03/09/25 17:32	1
Benzene	0.070	U	0.45	0.070	ug/L			03/09/25 17:32	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/09/25 17:32	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/09/25 17:32	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/09/25 17:32	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/09/25 17:32	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/09/25 17:32	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/09/25 17:32	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/09/25 17:32	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/09/25 17:32	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/09/25 17:32	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/09/25 17:32	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/09/25 17:32	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/09/25 17:32	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/09/25 17:32	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/09/25 17:32	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/09/25 17:32	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/09/25 17:32	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/09/25 17:32	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/09/25 17:32	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/09/25 17:32	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/09/25 17:32	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/09/25 17:32	1
Styrene	0.42	U	1.0	0.42	ug/L			03/09/25 17:32	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/09/25 17:32	1
Toluene	0.38	U	1.0	0.38	ug/L			03/09/25 17:32	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/09/25 17:32	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/09/25 17:32	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/09/25 17:32	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/09/25 17:32	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/09/25 17:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*03/09/25 17:32*	*1*
4-Bromofluorobenzene	*97*		*70 - 130*		*03/09/25 17:32*	*1*
Dibromofluoromethane (Surr)	*96*		*70 - 130*		*03/09/25 17:32*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*03/09/25 17:32*	*1*

Lab Sample ID: LCS 460-1024934/4
Matrix: Water
Analysis Batch: 1024934

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	20.0	18.2		ug/L		91	70 - 130
1,1,2,2-Tetrachloroethane	20.0	19.9		ug/L		100	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.0		ug/L		90	70 - 130
1,1,2-Trichloroethane	20.0	20.9		ug/L		104	70 - 130
1,1-Dichloroethane	20.0	22.6		ug/L		113	70 - 130

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

Lab Sample ID: LCS 460-1024934/4
Matrix: Water
Analysis Batch: 1024934

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	20.0	20.1		ug/L		100	70 - 130
1,2,3-Trichlorobenzene	20.0	18.8		ug/L		94	70 - 130
1,2,4-Trichlorobenzene	20.0	18.0		ug/L		90	70 - 130
1,2-Dichlorobenzene	20.0	18.1		ug/L		90	70 - 130
1,2-Dichloroethane	20.0	19.3		ug/L		97	70 - 130
1,2-Dichloropropane	20.0	23.5		ug/L		118	70 - 130
1,3-Dichlorobenzene	20.0	17.5		ug/L		88	70 - 130
1,4-Dichlorobenzene	20.0	17.5		ug/L		88	70 - 130
2-Butanone (MEK)	100	82.1		ug/L		82	40 - 160
2-Hexanone	100	96.2		ug/L		96	40 - 160
4-Methyl-2-pentanone (MIBK)	100	88.3		ug/L		88	40 - 160
Acetone	100	91.4		ug/L		91	40 - 160
Benzene	20.0	20.9		ug/L		105	70 - 130
Bromoform	20.0	16.9		ug/L		85	70 - 130
Bromomethane	20.0	14.7		ug/L		73	40 - 160
Carbon disulfide	20.0	21.5		ug/L		107	40 - 160
Carbon tetrachloride	20.0	16.9		ug/L		84	70 - 130
Chlorobenzene	20.0	19.6		ug/L		98	70 - 130
Chlorobromomethane	20.0	18.7		ug/L		93	70 - 130
Chlorodibromomethane	20.0	19.2		ug/L		96	70 - 130
Chloroethane	20.0	18.9		ug/L		95	40 - 160
Chloroform	20.0	19.3		ug/L		97	70 - 130
Chloromethane	20.0	25.4		ug/L		127	40 - 160
cis-1,2-Dichloroethene	20.0	19.6		ug/L		98	70 - 130
cis-1,3-Dichloropropene	20.0	23.0		ug/L		115	70 - 130
Cyclohexane	20.0	21.1		ug/L		105	70 - 130
Dichlorobromomethane	20.0	21.0		ug/L		105	70 - 130
Dichlorodifluoromethane	20.0	16.8		ug/L		84	40 - 160
Ethylbenzene	20.0	18.1		ug/L		90	70 - 130
Isopropylbenzene	20.0	18.5		ug/L		93	70 - 130
Methyl acetate	40.0	43.7		ug/L		109	70 - 130
Methyl tert-butyl ether	20.0	20.8		ug/L		104	70 - 130
Methylcyclohexane	20.0	17.4		ug/L		87	70 - 130
Methylene Chloride	20.0	21.2		ug/L		106	70 - 130
Styrene	20.0	19.0		ug/L		95	70 - 130
Tetrachloroethene	20.0	17.2		ug/L		86	70 - 130
Toluene	20.0	19.5		ug/L		98	70 - 130
trans-1,2-Dichloroethene	20.0	19.6		ug/L		98	70 - 130
trans-1,3-Dichloropropene	20.0	21.1		ug/L		105	70 - 130
Trichloroethene	20.0	18.7		ug/L		94	70 - 130
Trichlorofluoromethane	20.0	17.2		ug/L		86	40 - 160
Xylenes, Total	40.0	38.3		ug/L		96	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*
4-Bromofluorobenzene	*94*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

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

Lab Sample ID: LCSD 460-1024934/5
Matrix: Water
Analysis Batch: 1024934

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	17.3		ug/L		87	70 - 130	5	20
1,1,2,2-Tetrachloroethane			20.0	21.5		ug/L		108	70 - 130	8	20
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	16.5		ug/L		82	70 - 130	9	20
1,1,2-Trichloroethane			20.0	21.5		ug/L		108	70 - 130	3	20
1,1-Dichloroethane			20.0	21.6		ug/L		108	70 - 130	5	20
1,1-Dichloroethene			20.0	19.1		ug/L		95	70 - 130	5	20
1,2,3-Trichlorobenzene			20.0	21.0		ug/L		105	70 - 130	11	20
1,2,4-Trichlorobenzene			20.0	19.3		ug/L		96	70 - 130	7	20
1,2-Dichlorobenzene			20.0	18.7		ug/L		93	70 - 130	3	20
1,2-Dichloroethane			20.0	19.0		ug/L		95	70 - 130	2	20
1,2-Dichloropropane			20.0	23.1		ug/L		115	70 - 130	2	20
1,3-Dichlorobenzene			20.0	18.1		ug/L		91	70 - 130	3	20
1,4-Dichlorobenzene			20.0	18.1		ug/L		90	70 - 130	3	20
2-Butanone (MEK)			100	84.4		ug/L		84	40 - 160	3	20
2-Hexanone			100	97.9		ug/L		98	40 - 160	2	20
4-Methyl-2-pentanone (MIBK)			100	90.4		ug/L		90	40 - 160	2	20
Acetone			100	88.6		ug/L		89	40 - 160	3	20
Benzene			20.0	21.2		ug/L		106	70 - 130	1	20
Bromoform			20.0	18.3		ug/L		91	70 - 130	8	20
Bromomethane			20.0	15.4		ug/L		77	40 - 160	5	20
Carbon disulfide			20.0	20.4		ug/L		102	40 - 160	5	20
Carbon tetrachloride			20.0	16.5		ug/L		83	70 - 130	2	20
Chlorobenzene			20.0	19.9		ug/L		100	70 - 130	2	20
Chlorobromomethane			20.0	17.6		ug/L		88	70 - 130	6	20
Chlorodibromomethane			20.0	20.2		ug/L		101	70 - 130	5	20
Chloroethane			20.0	17.9		ug/L		89	40 - 160	6	20
Chloroform			20.0	19.2		ug/L		96	70 - 130	1	20
Chloromethane			20.0	24.5		ug/L		123	40 - 160	3	20
cis-1,2-Dichloroethene			20.0	19.1		ug/L		95	70 - 130	3	20
cis-1,3-Dichloropropene			20.0	23.5		ug/L		118	70 - 130	2	20
Cyclohexane			20.0	19.3		ug/L		97	70 - 130	9	20
Dichlorobromomethane			20.0	19.9		ug/L		99	70 - 130	6	20
Dichlorodifluoromethane			20.0	15.4		ug/L		77	40 - 160	9	20
Ethylbenzene			20.0	18.5		ug/L		93	70 - 130	3	20
Isopropylbenzene			20.0	18.7		ug/L		93	70 - 130	1	20
Methyl acetate			40.0	45.3		ug/L		113	70 - 130	4	20
Methyl tert-butyl ether			20.0	20.9		ug/L		104	70 - 130	0	20
Methylcyclohexane			20.0	17.1		ug/L		86	70 - 130	2	20
Methylene Chloride			20.0	20.7		ug/L		103	70 - 130	2	20
Styrene			20.0	19.1		ug/L		96	70 - 130	1	20
Tetrachloroethene			20.0	18.0		ug/L		90	70 - 130	5	20
Toluene			20.0	19.8		ug/L		99	70 - 130	1	20
trans-1,2-Dichloroethene			20.0	19.0		ug/L		95	70 - 130	3	20
trans-1,3-Dichloropropene			20.0	21.3		ug/L		106	70 - 130	1	20
Trichloroethene			20.0	18.8		ug/L		94	70 - 130	1	20
Trichlorofluoromethane			20.0	16.1		ug/L		80	40 - 160	7	20
Xylenes, Total			40.0	38.5		ug/L		96	70 - 130	1	20

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

Lab Sample ID: LCSD 460-1024934/5
Matrix: Water
Analysis Batch: 1024934

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene	*97*		*70 - 130*
Dibromofluoromethane (Surr)	*94*		*70 - 130*
Toluene-d8 (Surr)	*107*		*70 - 130*

Lab Sample ID: 460-321063-6 MS
Matrix: Water
Analysis Batch: 1024934

Client Sample ID: SW-03-022525
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.24	U	200	172		ug/L		86	70 - 130
1,1,2,2-Tetrachloroethane	0.085	U	200	202		ug/L		101	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	200	163		ug/L		81	70 - 130
1,1,2-Trichloroethane	0.19	U	200	207		ug/L		104	70 - 130
1,1-Dichloroethane	0.26	U	200	218		ug/L		109	70 - 130
1,1-Dichloroethene	0.26	U	200	193		ug/L		97	70 - 130
1,2,3-Trichlorobenzene	0.36	U	200	178		ug/L		89	70 - 130
1,2,4-Trichlorobenzene	0.37	U	200	173		ug/L		87	70 - 130
1,2-Dichlorobenzene	0.21	U	200	178		ug/L		89	70 - 130
1,2-Dichloroethane	0.087	U	200	187		ug/L		94	70 - 130
1,2-Dichloropropane	0.074	U	200	228		ug/L		114	70 - 130
1,3-Dichlorobenzene	0.34	U	200	172		ug/L		86	70 - 130
1,4-Dichlorobenzene	0.33	U	200	174		ug/L		87	70 - 130
2-Butanone (MEK)	1.9	U	1000	843		ug/L		84	40 - 160
2-Hexanone	1.1	U	1000	968		ug/L		97	40 - 160
4-Methyl-2-pentanone (MIBK)	1.3	U	1000	905		ug/L		90	40 - 160
Acetone	4.4	U	1000	899		ug/L		90	40 - 160
Benzene	0.070	U	200	206		ug/L		103	70 - 130
Bromoform	0.54	U	200	166		ug/L		83	70 - 130
Bromomethane	0.55	U	200	121		ug/L		61	40 - 160
Carbon disulfide	0.82	U	200	199		ug/L		100	40 - 160
Carbon tetrachloride	0.21	U	200	160		ug/L		80	70 - 130
Chlorobenzene	0.38	U	200	193		ug/L		97	70 - 130
Chlorobromomethane	0.41	U	200	178		ug/L		89	70 - 130
Chlorodibromomethane	0.086	U	200	194		ug/L		97	70 - 130
Chloroethane	0.32	U	200	160		ug/L		80	40 - 160
Chloroform	0.33	U	200	191		ug/L		96	70 - 130
Chloromethane	0.40	U	200	226		ug/L		113	40 - 160
cis-1,2-Dichloroethene	0.22	U	200	199		ug/L		100	70 - 130
cis-1,3-Dichloropropene	0.069	U	200	215		ug/L		108	70 - 130
Cyclohexane	0.32	U	200	180		ug/L		90	70 - 130
Dichlorobromomethane	0.15	U	200	205		ug/L		102	70 - 130
Dichlorodifluoromethane	0.31	U	200	140		ug/L		70	40 - 160
Ethylbenzene	0.30	U	200	176		ug/L		88	70 - 130
Isopropylbenzene	0.34	U	200	183		ug/L		91	70 - 130
Methyl acetate	0.79	U	400	446		ug/L		112	70 - 130
Methyl tert-butyl ether	0.22	U	200	205		ug/L		102	70 - 130
Methylcyclohexane	0.71	U	200	157		ug/L		79	70 - 130

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

Lab Sample ID: 460-321063-6 MS
Matrix: Water
Analysis Batch: 1024934

Client Sample ID: SW-03-022525
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	0.32	U	200	204		ug/L		102	70 - 130
Styrene	0.42	U	200	186		ug/L		93	70 - 130
Tetrachloroethene	0.28	U	200	173		ug/L		86	70 - 130
Toluene	0.38	U	200	195		ug/L		98	70 - 130
trans-1,2-Dichloroethene	0.24	U	200	190		ug/L		95	70 - 130
trans-1,3-Dichloropropene	0.12	U	200	197		ug/L		98	70 - 130
Trichloroethene	0.074	U	200	188		ug/L		94	70 - 130
Trichlorofluoromethane	0.32	U	200	154		ug/L		77	40 - 160
Xylenes, Total	0.65	U	400	362		ug/L		90	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 130*
4-Bromofluorobenzene	*96*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

Lab Sample ID: 460-321063-6 MSD
Matrix: Water
Analysis Batch: 1024934

Client Sample ID: SW-03-022525
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	0.24	U	200	187		ug/L		94	70 - 130	8	20
1,1,2,2-Tetrachloroethane	0.085	U	200	214		ug/L		107	70 - 130	6	20
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	200	169		ug/L		85	70 - 130	4	20
1,1,2-Trichloroethane	0.19	U	200	218		ug/L		109	70 - 130	5	20
1,1-Dichloroethane	0.26	U	200	232		ug/L		116	70 - 130	6	20
1,1-Dichloroethene	0.26	U	200	208		ug/L		104	70 - 130	7	20
1,2,3-Trichlorobenzene	0.36	U	200	202		ug/L		101	70 - 130	13	20
1,2,4-Trichlorobenzene	0.37	U	200	193		ug/L		97	70 - 130	11	20
1,2-Dichlorobenzene	0.21	U	200	191		ug/L		96	70 - 130	8	20
1,2-Dichloroethane	0.087	U	200	193		ug/L		97	70 - 130	3	20
1,2-Dichloropropane	0.074	U	200	242		ug/L		121	70 - 130	6	20
1,3-Dichlorobenzene	0.34	U	200	190		ug/L		95	70 - 130	10	20
1,4-Dichlorobenzene	0.33	U	200	186		ug/L		93	70 - 130	7	20
2-Butanone (MEK)	1.9	U	1000	953		ug/L		95	40 - 160	12	20
2-Hexanone	1.1	U	1000	1020		ug/L		102	40 - 160	5	20
4-Methyl-2-pentanone (MIBK)	1.3	U	1000	948		ug/L		95	40 - 160	5	20
Acetone	4.4	U	1000	937		ug/L		94	40 - 160	4	20
Benzene	0.070	U	200	221		ug/L		111	70 - 130	7	20
Bromoform	0.54	U	200	176		ug/L		88	70 - 130	6	20
Bromomethane	0.55	U	200	140		ug/L		70	40 - 160	14	20
Carbon disulfide	0.82	U	200	213		ug/L		107	40 - 160	7	20
Carbon tetrachloride	0.21	U	200	175		ug/L		88	70 - 130	9	20
Chlorobenzene	0.38	U	200	210		ug/L		105	70 - 130	8	20
Chlorobromomethane	0.41	U	200	188		ug/L		94	70 - 130	5	20
Chlorodibromomethane	0.086	U	200	200		ug/L		100	70 - 130	3	20
Chloroethane	0.32	U	200	169		ug/L		84	40 - 160	6	20
Chloroform	0.33	U	200	200		ug/L		100	70 - 130	5	20

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

Lab Sample ID: 460-321063-6 MSD
Matrix: Water
Analysis Batch: 1024934

Client Sample ID: SW-03-022525
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane	0.40	U	200	239		ug/L		120	40 - 160	6	20
cis-1,2-Dichloroethene	0.22	U	200	209		ug/L		104	70 - 130	5	20
cis-1,3-Dichloropropene	0.069	U	200	229		ug/L		115	70 - 130	6	20
Cyclohexane	0.32	U	200	194		ug/L		97	70 - 130	8	20
Dichlorobromomethane	0.15	U	200	215		ug/L		108	70 - 130	5	20
Dichlorodifluoromethane	0.31	U	200	148		ug/L		74	40 - 160	6	20
Ethylbenzene	0.30	U	200	198		ug/L		99	70 - 130	12	20
Isopropylbenzene	0.34	U	200	197		ug/L		98	70 - 130	7	20
Methyl acetate	0.79	U	400	474		ug/L		119	70 - 130	6	20
Methyl tert-butyl ether	0.22	U	200	210		ug/L		105	70 - 130	2	20
Methylcyclohexane	0.71	U	200	168		ug/L		84	70 - 130	7	20
Methylene Chloride	0.32	U	200	221		ug/L		111	70 - 130	8	20
Styrene	0.42	U	200	197		ug/L		99	70 - 130	6	20
Tetrachloroethene	0.28	U	200	192		ug/L		96	70 - 130	11	20
Toluene	0.38	U	200	206		ug/L		103	70 - 130	5	20
trans-1,2-Dichloroethene	0.24	U	200	195		ug/L		98	70 - 130	3	20
trans-1,3-Dichloropropene	0.12	U	200	209		ug/L		104	70 - 130	6	20
Trichloroethene	0.074	U	200	202		ug/L		101	70 - 130	7	20
Trichlorofluoromethane	0.32	U	200	163		ug/L		82	40 - 160	6	20
Xylenes, Total	0.65	U	400	402		ug/L		100	70 - 130	10	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene	*94*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

Lab Sample ID: MB 460-1024985/10
Matrix: Water
Analysis Batch: 1024985

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	0.24	U	1.0	0.24	ug/L			03/10/25 09:44	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/10/25 09:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/10/25 09:44	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/10/25 09:44	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/10/25 09:44	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/10/25 09:44	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/10/25 09:44	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/10/25 09:44	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/10/25 09:44	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/10/25 09:44	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/10/25 09:44	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/10/25 09:44	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/10/25 09:44	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/10/25 09:44	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/10/25 09:44	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/10/25 09:44	1

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

Lab Sample ID: MB 460-1024985/10
Matrix: Water
Analysis Batch: 1024985

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	4.4	U	5.0	4.4	ug/L			03/10/25 09:44	1
Benzene	0.070	U	0.45	0.070	ug/L			03/10/25 09:44	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/10/25 09:44	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/10/25 09:44	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/10/25 09:44	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/10/25 09:44	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/10/25 09:44	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/10/25 09:44	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/10/25 09:44	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/10/25 09:44	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/10/25 09:44	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/10/25 09:44	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/10/25 09:44	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/10/25 09:44	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/10/25 09:44	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/10/25 09:44	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/10/25 09:44	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/10/25 09:44	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/10/25 09:44	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/10/25 09:44	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/10/25 09:44	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/10/25 09:44	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/10/25 09:44	1
Styrene	0.42	U	1.0	0.42	ug/L			03/10/25 09:44	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/10/25 09:44	1
Toluene	0.38	U	1.0	0.38	ug/L			03/10/25 09:44	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/10/25 09:44	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/10/25 09:44	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/10/25 09:44	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/10/25 09:44	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/10/25 09:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*03/10/25 09:44*	*1*
4-Bromofluorobenzene	*94*		*70 - 130*		*03/10/25 09:44*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*03/10/25 09:44*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*03/10/25 09:44*	*1*

Lab Sample ID: LCS 460-1024985/4
Matrix: Water
Analysis Batch: 1024985

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	20.0	17.7		ug/L		89	70 - 130
1,1,2,2-Tetrachloroethane	20.0	19.6		ug/L		98	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.6		ug/L		103	70 - 130
1,1,2-Trichloroethane	20.0	19.6		ug/L		98	70 - 130
1,1-Dichloroethane	20.0	21.8		ug/L		109	70 - 130

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

Lab Sample ID: LCS 460-1024985/4
Matrix: Water
Analysis Batch: 1024985

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	20.0	20.2		ug/L		101	70 - 130
1,2,3-Trichlorobenzene	20.0	18.8		ug/L		94	70 - 130
1,2,4-Trichlorobenzene	20.0	17.6		ug/L		88	70 - 130
1,2-Dichlorobenzene	20.0	18.3		ug/L		91	70 - 130
1,2-Dichloroethane	20.0	18.0		ug/L		90	70 - 130
1,2-Dichloropropane	20.0	22.9		ug/L		114	70 - 130
1,3-Dichlorobenzene	20.0	17.6		ug/L		88	70 - 130
1,4-Dichlorobenzene	20.0	17.6		ug/L		88	70 - 130
2-Butanone (MEK)	100	81.4		ug/L		81	40 - 160
2-Hexanone	100	90.5		ug/L		90	40 - 160
4-Methyl-2-pentanone (MIBK)	100	85.0		ug/L		85	40 - 160
Acetone	100	90.8		ug/L		91	40 - 160
Benzene	20.0	20.9		ug/L		104	70 - 130
Bromoform	20.0	16.6		ug/L		83	70 - 130
Bromomethane	20.0	14.9		ug/L		75	40 - 160
Carbon disulfide	20.0	21.3		ug/L		106	40 - 160
Carbon tetrachloride	20.0	17.2		ug/L		86	70 - 130
Chlorobenzene	20.0	19.8		ug/L		99	70 - 130
Chlorobromomethane	20.0	18.2		ug/L		91	70 - 130
Chlorodibromomethane	20.0	18.6		ug/L		93	70 - 130
Chloroethane	20.0	16.9		ug/L		84	40 - 160
Chloroform	20.0	18.5		ug/L		92	70 - 130
Chloromethane	20.0	23.6		ug/L		118	40 - 160
cis-1,2-Dichloroethene	20.0	19.5		ug/L		97	70 - 130
cis-1,3-Dichloropropene	20.0	21.9		ug/L		110	70 - 130
Cyclohexane	20.0	23.5		ug/L		117	70 - 130
Dichlorobromomethane	20.0	20.1		ug/L		100	70 - 130
Dichlorodifluoromethane	20.0	19.7		ug/L		98	40 - 160
Ethylbenzene	20.0	18.4		ug/L		92	70 - 130
Isopropylbenzene	20.0	18.7		ug/L		93	70 - 130
Methyl acetate	40.0	46.1		ug/L		115	70 - 130
Methyl tert-butyl ether	20.0	19.0		ug/L		95	70 - 130
Methylcyclohexane	20.0	20.6		ug/L		103	70 - 130
Methylene Chloride	20.0	20.4		ug/L		102	70 - 130
Styrene	20.0	18.6		ug/L		93	70 - 130
Tetrachloroethene	20.0	18.8		ug/L		94	70 - 130
Toluene	20.0	19.6		ug/L		98	70 - 130
trans-1,2-Dichloroethene	20.0	19.2		ug/L		96	70 - 130
trans-1,3-Dichloropropene	20.0	19.8		ug/L		99	70 - 130
Trichloroethene	20.0	18.5		ug/L		92	70 - 130
Trichlorofluoromethane	20.0	18.4		ug/L		92	40 - 160
Xylenes, Total	40.0	37.8		ug/L		94	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene	*94*		*70 - 130*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*107*		*70 - 130*

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

Lab Sample ID: LCSD 460-1024985/5
Matrix: Water
Analysis Batch: 1024985

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	18.2		ug/L		91	70 - 130	3	20
1,1,2,2-Tetrachloroethane			20.0	20.6		ug/L		103	70 - 130	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	20.8		ug/L		104	70 - 130	1	20
1,1,2-Trichloroethane			20.0	20.9		ug/L		105	70 - 130	7	20
1,1-Dichloroethane			20.0	21.7		ug/L		108	70 - 130	1	20
1,1-Dichloroethene			20.0	20.3		ug/L		101	70 - 130	0	20
1,2,3-Trichlorobenzene			20.0	19.8		ug/L		99	70 - 130	5	20
1,2,4-Trichlorobenzene			20.0	18.8		ug/L		94	70 - 130	6	20
1,2-Dichlorobenzene			20.0	18.5		ug/L		93	70 - 130	1	20
1,2-Dichloroethane			20.0	18.7		ug/L		94	70 - 130	4	20
1,2-Dichloropropane			20.0	23.1		ug/L		115	70 - 130	1	20
1,3-Dichlorobenzene			20.0	18.2		ug/L		91	70 - 130	3	20
1,4-Dichlorobenzene			20.0	17.9		ug/L		90	70 - 130	2	20
2-Butanone (MEK)			100	89.1		ug/L		89	40 - 160	9	20
2-Hexanone			100	99.2		ug/L		99	40 - 160	9	20
4-Methyl-2-pentanone (MIBK)			100	91.6		ug/L		92	40 - 160	8	20
Acetone			100	92.4		ug/L		92	40 - 160	2	20
Benzene			20.0	21.1		ug/L		105	70 - 130	1	20
Bromoform			20.0	16.9		ug/L		85	70 - 130	2	20
Bromomethane			20.0	14.1		ug/L		71	40 - 160	6	20
Carbon disulfide			20.0	21.4		ug/L		107	40 - 160	1	20
Carbon tetrachloride			20.0	17.9		ug/L		89	70 - 130	4	20
Chlorobenzene			20.0	20.2		ug/L		101	70 - 130	2	20
Chlorobromomethane			20.0	18.5		ug/L		93	70 - 130	2	20
Chlorodibromomethane			20.0	19.7		ug/L		98	70 - 130	5	20
Chloroethane			20.0	16.6		ug/L		83	40 - 160	2	20
Chloroform			20.0	19.0		ug/L		95	70 - 130	3	20
Chloromethane			20.0	22.3		ug/L		112	40 - 160	6	20
cis-1,2-Dichloroethene			20.0	19.3		ug/L		97	70 - 130	1	20
cis-1,3-Dichloropropene			20.0	21.9		ug/L		110	70 - 130	0	20
Cyclohexane			20.0	24.1		ug/L		121	70 - 130	3	20
Dichlorobromomethane			20.0	19.5		ug/L		97	70 - 130	3	20
Dichlorodifluoromethane			20.0	18.1		ug/L		91	40 - 160	8	20
Ethylbenzene			20.0	18.5		ug/L		92	70 - 130	0	20
Isopropylbenzene			20.0	19.2		ug/L		96	70 - 130	3	20
Methyl acetate			40.0	43.6		ug/L		109	70 - 130	5	20
Methyl tert-butyl ether			20.0	19.8		ug/L		99	70 - 130	4	20
Methylcyclohexane			20.0	21.6		ug/L		108	70 - 130	5	20
Methylene Chloride			20.0	20.8		ug/L		104	70 - 130	2	20
Styrene			20.0	18.5		ug/L		93	70 - 130	0	20
Tetrachloroethene			20.0	18.9		ug/L		95	70 - 130	0	20
Toluene			20.0	20.0		ug/L		100	70 - 130	2	20
trans-1,2-Dichloroethene			20.0	19.3		ug/L		97	70 - 130	1	20
trans-1,3-Dichloropropene			20.0	20.6		ug/L		103	70 - 130	4	20
Trichloroethene			20.0	19.6		ug/L		98	70 - 130	6	20
Trichlorofluoromethane			20.0	19.0		ug/L		95	40 - 160	3	20
Xylenes, Total			40.0	38.2		ug/L		96	70 - 130	1	20

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

Lab Sample ID: LCSD 460-1024985/5
Matrix: Water
Analysis Batch: 1024985

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 130*
4-Bromofluorobenzene	*94*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

Lab Sample ID: 460-321063-14 MS
Matrix: Water
Analysis Batch: 1024985

Client Sample ID: SW-PAB-00-022525
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.24	U	20.0	18.7		ug/L		93	70 - 130
1,1,2,2-Tetrachloroethane	0.085	U	20.0	20.8		ug/L		104	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	20.0	21.2		ug/L		106	70 - 130
1,1,2-Trichloroethane	0.19	U	20.0	21.2		ug/L		106	70 - 130
1,1-Dichloroethane	0.26	U	20.0	22.8		ug/L		114	70 - 130
1,1-Dichloroethene	0.26	U	20.0	20.2		ug/L		101	70 - 130
1,2,3-Trichlorobenzene	0.36	U	20.0	19.1		ug/L		95	70 - 130
1,2,4-Trichlorobenzene	0.37	U	20.0	18.3		ug/L		91	70 - 130
1,2-Dichlorobenzene	0.21	U	20.0	19.2		ug/L		96	70 - 130
1,2-Dichloroethane	0.087	U	20.0	20.0		ug/L		100	70 - 130
1,2-Dichloropropane	0.074	U	20.0	23.4		ug/L		117	70 - 130
1,3-Dichlorobenzene	0.34	U	20.0	17.9		ug/L		90	70 - 130
1,4-Dichlorobenzene	0.33	U	20.0	17.5		ug/L		88	70 - 130
2-Butanone (MEK)	1.9	U	100	85.2		ug/L		85	40 - 160
2-Hexanone	1.1	U	100	100		ug/L		100	40 - 160
4-Methyl-2-pentanone (MIBK)	1.3	U	100	92.3		ug/L		92	40 - 160
Acetone	4.4	U	100	86.6		ug/L		87	40 - 160
Benzene	0.070	U	20.0	21.9		ug/L		110	70 - 130
Bromoform	0.54	U	20.0	17.5		ug/L		88	70 - 130
Bromomethane	0.55	U	20.0	14.1		ug/L		71	40 - 160
Carbon disulfide	0.82	U	20.0	21.8		ug/L		109	40 - 160
Carbon tetrachloride	0.21	U	20.0	18.4		ug/L		92	70 - 130
Chlorobenzene	0.38	U	20.0	20.2		ug/L		101	70 - 130
Chlorobromomethane	0.41	U	20.0	18.9		ug/L		95	70 - 130
Chlorodibromomethane	0.086	U	20.0	19.8		ug/L		99	70 - 130
Chloroethane	0.32	U	20.0	19.3		ug/L		97	40 - 160
Chloroform	0.33	U	20.0	19.6		ug/L		98	70 - 130
Chloromethane	0.40	U	20.0	26.3		ug/L		132	40 - 160
cis-1,2-Dichloroethene	0.22	U	20.0	20.1		ug/L		101	70 - 130
cis-1,3-Dichloropropene	0.069	U	20.0	21.9		ug/L		110	70 - 130
Cyclohexane	0.32	U	20.0	24.8		ug/L		124	70 - 130
Dichlorobromomethane	0.15	U	20.0	21.0		ug/L		105	70 - 130
Dichlorodifluoromethane	0.31	U	20.0	19.9		ug/L		99	40 - 160
Ethylbenzene	0.30	U	20.0	19.7		ug/L		98	70 - 130
Isopropylbenzene	0.34	U	20.0	19.2		ug/L		96	70 - 130
Methyl acetate	0.79	U	40.0	43.9		ug/L		110	70 - 130
Methyl tert-butyl ether	0.22	U	20.0	20.9		ug/L		104	70 - 130
Methylcyclohexane	0.71	U	20.0	21.5		ug/L		107	70 - 130

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

Lab Sample ID: 460-321063-14 MS
Matrix: Water
Analysis Batch: 1024985

Client Sample ID: SW-PAB-00-022525
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	0.32	U	20.0	21.3		ug/L		106	70 - 130
Styrene	0.42	U	20.0	19.2		ug/L		96	70 - 130
Tetrachloroethene	0.28	U	20.0	18.9		ug/L		94	70 - 130
Toluene	0.38	U	20.0	20.4		ug/L		102	70 - 130
trans-1,2-Dichloroethene	0.24	U	20.0	20.0		ug/L		100	70 - 130
trans-1,3-Dichloropropene	0.12	U	20.0	20.7		ug/L		104	70 - 130
Trichloroethene	0.074	U	20.0	20.3		ug/L		102	70 - 130
Trichlorofluoromethane	0.32	U	20.0	20.5		ug/L		103	40 - 160
Xylenes, Total	0.65	U	40.0	40.4		ug/L		101	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*
4-Bromofluorobenzene	*93*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*106*		*70 - 130*

Lab Sample ID: 460-321063-14 MSD
Matrix: Water
Analysis Batch: 1024985

Client Sample ID: SW-PAB-00-022525
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	0.24	U	20.0	18.3		ug/L		91	70 - 130	2	20
1,1,2,2-Tetrachloroethane	0.085	U	20.0	20.7		ug/L		104	70 - 130	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	20.0	20.5		ug/L		102	70 - 130	3	20
1,1,2-Trichloroethane	0.19	U	20.0	20.8		ug/L		104	70 - 130	2	20
1,1-Dichloroethane	0.26	U	20.0	22.1		ug/L		111	70 - 130	3	20
1,1-Dichloroethene	0.26	U	20.0	20.2		ug/L		101	70 - 130	0	20
1,2,3-Trichlorobenzene	0.36	U	20.0	19.5		ug/L		97	70 - 130	2	20
1,2,4-Trichlorobenzene	0.37	U	20.0	18.0		ug/L		90	70 - 130	2	20
1,2-Dichlorobenzene	0.21	U	20.0	18.0		ug/L		90	70 - 130	7	20
1,2-Dichloroethane	0.087	U	20.0	19.4		ug/L		97	70 - 130	3	20
1,2-Dichloropropane	0.074	U	20.0	23.5		ug/L		117	70 - 130	0	20
1,3-Dichlorobenzene	0.34	U	20.0	17.6		ug/L		88	70 - 130	2	20
1,4-Dichlorobenzene	0.33	U	20.0	17.8		ug/L		89	70 - 130	1	20
2-Butanone (MEK)	1.9	U	100	81.8		ug/L		82	40 - 160	4	20
2-Hexanone	1.1	U	100	96.8		ug/L		97	40 - 160	3	20
4-Methyl-2-pentanone (MIBK)	1.3	U	100	93.6		ug/L		94	40 - 160	1	20
Acetone	4.4	U	100	85.9		ug/L		86	40 - 160	1	20
Benzene	0.070	U	20.0	21.5		ug/L		108	70 - 130	2	20
Bromoform	0.54	U	20.0	17.6		ug/L		88	70 - 130	0	20
Bromomethane	0.55	U	20.0	15.0		ug/L		75	40 - 160	6	20
Carbon disulfide	0.82	U	20.0	21.6		ug/L		108	40 - 160	1	20
Carbon tetrachloride	0.21	U	20.0	17.9		ug/L		89	70 - 130	3	20
Chlorobenzene	0.38	U	20.0	20.0		ug/L		100	70 - 130	1	20
Chlorobromomethane	0.41	U	20.0	18.0		ug/L		90	70 - 130	5	20
Chlorodibromomethane	0.086	U	20.0	19.9		ug/L		99	70 - 130	0	20
Chloroethane	0.32	U	20.0	19.2		ug/L		96	40 - 160	1	20
Chloroform	0.33	U	20.0	19.3		ug/L		96	70 - 130	2	20

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

Lab Sample ID: 460-321063-14 MSD
Matrix: Water
Analysis Batch: 1024985

Client Sample ID: SW-PAB-00-022525
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane	0.40	U	20.0	26.1		ug/L		131	40 - 160	1	20
cis-1,2-Dichloroethene	0.22	U	20.0	19.6		ug/L		98	70 - 130	3	20
cis-1,3-Dichloropropene	0.069	U	20.0	22.6		ug/L		113	70 - 130	3	20
Cyclohexane	0.32	U	20.0	23.9		ug/L		120	70 - 130	4	20
Dichlorobromomethane	0.15	U	20.0	20.4		ug/L		102	70 - 130	3	20
Dichlorodifluoromethane	0.31	U	20.0	19.4		ug/L		97	40 - 160	3	20
Ethylbenzene	0.30	U	20.0	19.3		ug/L		97	70 - 130	2	20
Isopropylbenzene	0.34	U	20.0	19.5		ug/L		97	70 - 130	1	20
Methyl acetate	0.79	U	40.0	40.2		ug/L		100	70 - 130	9	20
Methyl tert-butyl ether	0.22	U	20.0	20.4		ug/L		102	70 - 130	3	20
Methylcyclohexane	0.71	U	20.0	20.9		ug/L		105	70 - 130	3	20
Methylene Chloride	0.32	U	20.0	20.8		ug/L		104	70 - 130	2	20
Styrene	0.42	U	20.0	19.4		ug/L		97	70 - 130	1	20
Tetrachloroethene	0.28	U	20.0	18.7		ug/L		94	70 - 130	1	20
Toluene	0.38	U	20.0	20.4		ug/L		102	70 - 130	0	20
trans-1,2-Dichloroethene	0.24	U	20.0	19.7		ug/L		98	70 - 130	2	20
trans-1,3-Dichloropropene	0.12	U	20.0	20.2		ug/L		101	70 - 130	3	20
Trichloroethene	0.074	U	20.0	19.5		ug/L		98	70 - 130	4	20
Trichlorofluoromethane	0.32	U	20.0	19.9		ug/L		100	40 - 160	3	20
Xylenes, Total	0.65	U	40.0	38.9		ug/L		97	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*
4-Bromofluorobenzene	*94*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*107*		*70 - 130*

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

Lab Sample ID: MB 460-1023784/7
Matrix: Water
Analysis Batch: 1023784

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/03/25 08:02	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/03/25 08:02	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/03/25 08:02	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/03/25 08:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 130*		*03/03/25 08:02*	*1*

Lab Sample ID: LCS 460-1023784/4
Matrix: Water
Analysis Batch: 1023784

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	0.0500	0.0472		ug/L		94	40 - 160

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

Lab Sample ID: LCS 460-1023784/4
Matrix: Water
Analysis Batch: 1023784

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2-Dibromo-3-Chloropropane			0.0500	0.0604		ug/L		121	40 - 160		
Ethylene Dibromide			0.0500	0.0459		ug/L		92	70 - 130		
Vinyl chloride			0.250	0.199		ug/L		80	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*107*		*70 - 130*

Lab Sample ID: LCSD 460-1023784/5
Matrix: Water
Analysis Batch: 1023784

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,3-Trichloropropane			0.0500	0.0482		ug/L		96	40 - 160	2	20
1,2-Dibromo-3-Chloropropane			0.0500	0.0509		ug/L		102	40 - 160	17	20
Ethylene Dibromide			0.0500	0.0467		ug/L		93	70 - 130	2	20
Vinyl chloride			0.250	0.231		ug/L		92	70 - 130	15	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 130*

Lab Sample ID: MB 460-1023952/7
Matrix: Water
Analysis Batch: 1023952

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/04/25 08:06	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/04/25 08:06	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/04/25 08:06	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/04/25 08:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*70 - 130*		*03/04/25 08:06*	*1*

Lab Sample ID: LCS 460-1023952/3
Matrix: Water
Analysis Batch: 1023952

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,3-Trichloropropane			0.0500	0.0478		ug/L		96	40 - 160		
1,2-Dibromo-3-Chloropropane			0.0500	0.0521		ug/L		104	40 - 160		
Ethylene Dibromide			0.0500	0.0457		ug/L		91	70 - 130		
Vinyl chloride			0.250	0.240		ug/L		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*110*		*70 - 130*

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

Lab Sample ID: 460-321063-14 MS
Matrix: Water
Analysis Batch: 1023952

Client Sample ID: SW-PAB-00-022525
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	0.0030	U	0.0500	0.0643		ug/L		129	40 - 160
1,2-Dibromo-3-Chloropropane	0.010	U	0.0500	0.0773		ug/L		155	40 - 160
Ethylene Dibromide	0.0079	U	0.0500	0.0628		ug/L		126	70 - 130
Vinyl chloride	0.0050	U	0.250	0.287		ug/L		115	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*109*		*70 - 130*

Lab Sample ID: 460-321063-14 MSD
Matrix: Water
Analysis Batch: 1023952

Client Sample ID: SW-PAB-00-022525
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,3-Trichloropropane	0.0030	U	0.0500	0.0666		ug/L		133	40 - 160	4	20
1,2-Dibromo-3-Chloropropane	0.010	U	0.0500	0.0785		ug/L		157	40 - 160	2	20
Ethylene Dibromide	0.0079	U	0.0500	0.0616		ug/L		123	70 - 130	2	20
Vinyl chloride	0.0050	U	0.250	0.287		ug/L		115	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*70 - 130*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 460-1023668/1-A
Matrix: Water
Analysis Batch: 1023717

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1023668

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/01/25 10:23	03/02/25 13:53	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 150*	*03/01/25 10:23*	*03/02/25 13:53*	*1*

Lab Sample ID: LCS 460-1023668/2-A
Matrix: Water
Analysis Batch: 1023717

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1023668

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	1.60	1.32		ug/L		82	42 - 142

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*29*		*10 - 150*

Lab Sample ID: LCSD 460-1023668/3-A
Matrix: Water
Analysis Batch: 1023717

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1023668

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	1.60	1.45		ug/L		91	42 - 142	10	20

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Dioxane-d8	29		10 - 150

Lab Sample ID: 460-321204-A-3-A MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 1023717 — **Prep Batch: 1023668**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	0.072	U	1.60	1.37		ug/L		86	42 - 142	5	20

Isotope Dilution	MSD %Recovery	MSD Qualifier	Limits
1,4-Dioxane-d8	34		10 - 150

Lab Sample ID: 460-321204-B-3-A MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 1023717 — **Prep Batch: 1023668**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	0.072	U	1.60	1.44		ug/L		90	42 - 142

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
1,4-Dioxane-d8	32		10 - 150

Lab Sample ID: MB 460-1023816/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 1023900 — **Prep Batch: 1023816**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/03/25 09:28	03/03/25 21:17	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Dioxane-d8	27		10 - 150	03/03/25 09:28	03/03/25 21:17	1

Lab Sample ID: LCS 460-1023816/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 1023900 — **Prep Batch: 1023816**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	1.60	1.52		ug/L		95	42 - 142

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
1,4-Dioxane-d8	27		10 - 150

Lab Sample ID: LCSD 460-1023816/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 1023900 — **Prep Batch: 1023816**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	1.60	1.35		ug/L		85	42 - 142	11	20

Isotope Dilution	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Dioxane-d8	19		10 - 150

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Lab Sample ID: 460-321063-14 MS
Matrix: Water
Analysis Batch: 1023900

Client Sample ID: SW-PAB-00-022525
Prep Type: Total/NA
Prep Batch: 1023816

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dioxane	0.072	U F2	1.60	1.38		ug/L		86	42 - 142

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
1,4-Dioxane-d8	*31*		*10 - 150*

Lab Sample ID: 460-321063-14 MSD
Matrix: Water
Analysis Batch: 1023900

Client Sample ID: SW-PAB-00-022525
Prep Type: Total/NA
Prep Batch: 1023816

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	0.072	U F2	1.60	1.75	F2	ug/L		110	42 - 142	24	20

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,4-Dioxane-d8	*23*		*10 - 150*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1024490/1-A
Matrix: Water
Analysis Batch: 1024532

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 1024490

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/06/25 13:41	03/06/25 16:31	1
Lead	0.42	U	1.2	0.42	ug/L		03/06/25 13:41	03/06/25 16:31	1

Lab Sample ID: LCS 460-1024490/2-A
Matrix: Water
Analysis Batch: 1024532

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1024490

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	50.0	49.30		ug/L		99	80 - 120
Lead	25.0	23.34		ug/L		93	80 - 120

Lab Sample ID: 460-321063-14 MS
Matrix: Water
Analysis Batch: 1024532

Client Sample ID: SW-PAB-00-022525
Prep Type: Total Recoverable
Prep Batch: 1024490

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	1.2	U	50.0	50.10		ug/L		100	75 - 125
Lead	0.42	U	25.0	24.30		ug/L		97	75 - 125

Lab Sample ID: 460-321063-14 MSD
Matrix: Water
Analysis Batch: 1024532

Client Sample ID: SW-PAB-00-022525
Prep Type: Total Recoverable
Prep Batch: 1024490

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	1.2	U	50.0	50.31		ug/L		101	75 - 125	0	20
Lead	0.42	U	25.0	25.54		ug/L		102	75 - 125	5	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-321063-14 DU
Matrix: Water
Analysis Batch: 1024532

Client Sample ID: SW-PAB-00-022525
Prep Type: Total Recoverable
Prep Batch: 1024490

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	1.2	U	1.2	U	ug/L		NC	20
Lead	0.42	U	0.42	U	ug/L		NC	20

Lab Sample ID: MB 460-1024965/1-A
Matrix: Water
Analysis Batch: 1025061

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 1024965

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/09/25 19:10	03/10/25 10:36	1
Lead	0.42	U	1.2	0.42	ug/L		03/09/25 19:10	03/10/25 10:36	1

Lab Sample ID: LCS 460-1024965/2-A
Matrix: Water
Analysis Batch: 1025061

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1024965

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	50.0	54.86		ug/L		110	80 - 120
Lead	25.0	25.77		ug/L		103	80 - 120

Lab Sample ID: 460-321409-J-3-G MS ^10
Matrix: Water
Analysis Batch: 1025061

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 1024965

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	13.7	J F2	50.0	72.61		ug/L		118	75 - 125
Lead	4.2	U	25.0	26.06		ug/L		104	75 - 125

Lab Sample ID: 460-321409-J-3-H MSD ^10
Matrix: Water
Analysis Batch: 1025061

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 1024965

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	13.7	J F2	50.0	58.45	F2	ug/L		90	75 - 125	22	20
Lead	4.2	U	25.0	25.64		ug/L		103	75 - 125	2	20

Lab Sample ID: 460-321409-J-3-F DU ^10
Matrix: Water
Analysis Batch: 1025061

Client Sample ID: Duplicate
Prep Type: Total Recoverable
Prep Batch: 1024965

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	13.7	J F2	15.49	J	ug/L		12	20
Lead	4.2	U	4.2	U	ug/L		NC	20

Lab Sample ID: LCS 460-1025033/3-A
Matrix: Water
Analysis Batch: 1025081

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1025033

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	50.0	46.68		ug/L		93	80 - 120
Lead	25.0	24.45		ug/L		98	80 - 120

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 460-1025231/25-A
Matrix: Water
Analysis Batch: 1025274

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1025231

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	50.0	51.07		ug/L		102	80 - 120
Lead	25.0	25.85		ug/L		103	80 - 120

Lab Sample ID: LCS 460-1025233/2-A
Matrix: Water
Analysis Batch: 1025274

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1025233

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	50.0	55.08		ug/L		110	80 - 120
Lead	25.0	26.57		ug/L		106	80 - 120

Lab Sample ID: MB 460-1025031/1-B
Matrix: Water
Analysis Batch: 1025081

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 1025033

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/10/25 10:30	03/10/25 13:39	1
Lead	0.42	U	1.2	0.42	ug/L		03/10/25 10:30	03/10/25 13:39	1

Lab Sample ID: 460-321063-14 MS
Matrix: Water
Analysis Batch: 1025081

Client Sample ID: SW-PAB-00-022525
Prep Type: Dissolved
Prep Batch: 1025033

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	1.2	U	50.0	49.50		ug/L		99	75 - 125
Lead	0.42	U	25.0	24.70		ug/L		99	75 - 125

Lab Sample ID: 460-321063-14 MSD
Matrix: Water
Analysis Batch: 1025081

Client Sample ID: SW-PAB-00-022525
Prep Type: Dissolved
Prep Batch: 1025033

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	1.2	U	50.0	50.35		ug/L		101	75 - 125	2	20
Lead	0.42	U	25.0	24.30		ug/L		97	75 - 125	2	20

Lab Sample ID: 460-321063-14 DU
Matrix: Water
Analysis Batch: 1025081

Client Sample ID: SW-PAB-00-022525
Prep Type: Dissolved
Prep Batch: 1025033

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	1.2	U	1.2	U	ug/L		NC	20
Lead	0.42	U	0.42	U	ug/L		NC	20

Lab Sample ID: MB 460-1025226/1-B
Matrix: Water
Analysis Batch: 1025274

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 1025231

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:33	03/11/25 12:22	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:33	03/11/25 12:22	1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: 460-321140-E-2-F MS
Matrix: Water
Analysis Batch: 1025274

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 1025231

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	1.2	U	50.0	44.75		ug/L		90	75 - 125		
Lead	0.42	U	25.0	23.12		ug/L		92	75 - 125		

Lab Sample ID: 460-321140-E-2-G MSD
Matrix: Water
Analysis Batch: 1025274

Client Sample ID: Matrix Spike Duplicate
Prep Type: Dissolved
Prep Batch: 1025231

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	1.2	U	50.0	53.16		ug/L		106	75 - 125	17	20
Lead	0.42	U	25.0	28.34		ug/L		113	75 - 125	20	20

Lab Sample ID: 460-321140-E-2-E DU
Matrix: Water
Analysis Batch: 1025274

Client Sample ID: Duplicate
Prep Type: Dissolved
Prep Batch: 1025231

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	1.2	U	1.2	U	ug/L		NC	20
Lead	0.42	U	0.42	U	ug/L		NC	20

Lab Sample ID: MB 460-1025228/1-B
Matrix: Water
Analysis Batch: 1025274

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 1025233

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:41	03/11/25 13:48	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:41	03/11/25 13:48	1

Lab Sample ID: 460-321264-E-1-D MS
Matrix: Water
Analysis Batch: 1025274

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 1025233

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	1.2	U	50.0	51.48		ug/L		103	75 - 125		
Lead	0.42	U	25.0	25.33		ug/L		101	75 - 125		

Lab Sample ID: 460-321264-E-1-C DU
Matrix: Water
Analysis Batch: 1025274

Client Sample ID: Duplicate
Prep Type: Dissolved
Prep Batch: 1025233

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	1.2	U	1.2	U	ug/L		NC	20
Lead	0.42	U	0.42	U	ug/L		NC	20

GC/MS VOA

Analysis Batch: 1023784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-1	SW-PAB-04-022525	Total/NA	Water	8260D SIM	
460-321063-2	SW-SP-01-022525	Total/NA	Water	8260D SIM	
460-321063-3	SW-MRB-02-022525	Total/NA	Water	8260D SIM	
460-321063-4	SW-MRB-03-022525	Total/NA	Water	8260D SIM	
460-321063-5	SW-NOB-02-022525	Total/NA	Water	8260D SIM	
460-321063-6	SW-03-022525	Total/NA	Water	8260D SIM	
460-321063-7	SW-04-022525	Total/NA	Water	8260D SIM	
MB 460-1023784/7	Method Blank	Total/NA	Water	8260D SIM	
LCS 460-1023784/4	Lab Control Sample	Total/NA	Water	8260D SIM	
LCSD 460-1023784/5	Lab Control Sample Dup	Total/NA	Water	8260D SIM	

Analysis Batch: 1023952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-8	Field Blank-01-022525	Total/NA	Water	8260D SIM	
460-321063-9	Trip Blank-01-022525	Total/NA	Water	8260D SIM	
460-321063-10	DUP-01-022525	Total/NA	Water	8260D SIM	
460-321063-11	SW-SR3-SEEP-2-022525	Total/NA	Water	8260D SIM	
460-321063-12	SW-PAB-01A-022525	Total/NA	Water	8260D SIM	
460-321063-13	SW-PAB-01-022525	Total/NA	Water	8260D SIM	
460-321063-14	SW-PAB-00-022525	Total/NA	Water	8260D SIM	
460-321063-15	SW-PAB-02-022525	Total/NA	Water	8260D SIM	
460-321063-16	SW-PAB-03-022525	Total/NA	Water	8260D SIM	
460-321063-17	SW-NOB-01-022525	Total/NA	Water	8260D SIM	
460-321063-18	SW-PMB-01-022525	Total/NA	Water	8260D SIM	
460-321063-19	SW-MRB-00-022525	Total/NA	Water	8260D SIM	
460-321063-20	SW-MRB-01-022525	Total/NA	Water	8260D SIM	
460-321063-21	SW-PMB-02-022525	Total/NA	Water	8260D SIM	
460-321063-22	SW-11-022525	Total/NA	Water	8260D SIM	
MB 460-1023952/7	Method Blank	Total/NA	Water	8260D SIM	
LCS 460-1023952/3	Lab Control Sample	Total/NA	Water	8260D SIM	
460-321063-14 MS	SW-PAB-00-022525	Total/NA	Water	8260D SIM	
460-321063-14 MSD	SW-PAB-00-022525	Total/NA	Water	8260D SIM	

Analysis Batch: 1024621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-7	SW-04-022525	Total/NA	Water	8260D	
460-321063-8	Field Blank-01-022525	Total/NA	Water	8260D	
460-321063-9	Trip Blank-01-022525	Total/NA	Water	8260D	
460-321063-10	DUP-01-022525	Total/NA	Water	8260D	
460-321063-11	SW-SR3-SEEP-2-022525	Total/NA	Water	8260D	
460-321063-12	SW-PAB-01A-022525	Total/NA	Water	8260D	
460-321063-13	SW-PAB-01-022525	Total/NA	Water	8260D	
460-321063-14	SW-PAB-00-022525	Total/NA	Water	8260D	
460-321063-15	SW-PAB-02-022525	Total/NA	Water	8260D	
MB 460-1024621/8	Method Blank	Total/NA	Water	8260D	
LCS 460-1024621/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1024621/4	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 1024934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-1	SW-PAB-04-022525	Total/NA	Water	8260D	

GC/MS VOA (Continued)

Analysis Batch: 1024934 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-2	SW-SP-01-022525	Total/NA	Water	8260D	
460-321063-3	SW-MRB-02-022525	Total/NA	Water	8260D	
460-321063-4	SW-MRB-03-022525	Total/NA	Water	8260D	
460-321063-6	SW-03-022525	Total/NA	Water	8260D	
460-321063-16	SW-PAB-03-022525	Total/NA	Water	8260D	
460-321063-17	SW-NOB-01-022525	Total/NA	Water	8260D	
460-321063-18	SW-PMB-01-022525	Total/NA	Water	8260D	
460-321063-19	SW-MRB-00-022525	Total/NA	Water	8260D	
460-321063-20	SW-MRB-01-022525	Total/NA	Water	8260D	
460-321063-21	SW-PMB-02-022525	Total/NA	Water	8260D	
460-321063-22	SW-11-022525	Total/NA	Water	8260D	
MB 460-1024934/9	Method Blank	Total/NA	Water	8260D	
LCS 460-1024934/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1024934/5	Lab Control Sample Dup	Total/NA	Water	8260D	
460-321063-6 MS	SW-03-022525	Total/NA	Water	8260D	
460-321063-6 MSD	SW-03-022525	Total/NA	Water	8260D	

Analysis Batch: 1024985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-5	SW-NOB-02-022525	Total/NA	Water	8260D	
MB 460-1024985/10	Method Blank	Total/NA	Water	8260D	
LCS 460-1024985/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1024985/5	Lab Control Sample Dup	Total/NA	Water	8260D	
460-321063-14 MS	SW-PAB-00-022525	Total/NA	Water	8260D	
460-321063-14 MSD	SW-PAB-00-022525	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 1023668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-1	SW-PAB-04-022525	Total/NA	Water	3510C	
460-321063-2	SW-SP-01-022525	Total/NA	Water	3510C	
460-321063-3	SW-MRB-02-022525	Total/NA	Water	3510C	
460-321063-4	SW-MRB-03-022525	Total/NA	Water	3510C	
460-321063-5	SW-NOB-02-022525	Total/NA	Water	3510C	
460-321063-6	SW-03-022525	Total/NA	Water	3510C	
460-321063-7	SW-04-022525	Total/NA	Water	3510C	
460-321063-8	Field Blank-01-022525	Total/NA	Water	3510C	
460-321063-10	DUP-01-022525	Total/NA	Water	3510C	
460-321063-11	SW-SR3-SEEP-2-022525	Total/NA	Water	3510C	
460-321063-12	SW-PAB-01A-022525	Total/NA	Water	3510C	
460-321063-13	SW-PAB-01-022525	Total/NA	Water	3510C	
MB 460-1023668/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1023668/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1023668/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
460-321204-A-3-A MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	
460-321204-B-3-A MS	Matrix Spike	Total/NA	Water	3510C	

Analysis Batch: 1023717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-1	SW-PAB-04-022525	Total/NA	Water	8270E SIM ID	1023668

GC/MS Semi VOA (Continued)

Analysis Batch: 1023717 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-2	SW-SP-01-022525	Total/NA	Water	8270E SIM ID	1023668
460-321063-3	SW-MRB-02-022525	Total/NA	Water	8270E SIM ID	1023668
460-321063-4	SW-MRB-03-022525	Total/NA	Water	8270E SIM ID	1023668
460-321063-5	SW-NOB-02-022525	Total/NA	Water	8270E SIM ID	1023668
460-321063-6	SW-03-022525	Total/NA	Water	8270E SIM ID	1023668
460-321063-7	SW-04-022525	Total/NA	Water	8270E SIM ID	1023668
460-321063-8	Field Blank-01-022525	Total/NA	Water	8270E SIM ID	1023668
460-321063-10	DUP-01-022525	Total/NA	Water	8270E SIM ID	1023668
460-321063-11	SW-SR3-SEEP-2-022525	Total/NA	Water	8270E SIM ID	1023668
460-321063-12	SW-PAB-01A-022525	Total/NA	Water	8270E SIM ID	1023668
460-321063-13	SW-PAB-01-022525	Total/NA	Water	8270E SIM ID	1023668
MB 460-1023668/1-A	Method Blank	Total/NA	Water	8270E SIM ID	1023668
LCS 460-1023668/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	1023668
LCSD 460-1023668/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	1023668
460-321204-A-3-A MSD	Matrix Spike Duplicate	Total/NA	Water	8270E SIM ID	1023668
460-321204-B-3-A MS	Matrix Spike	Total/NA	Water	8270E SIM ID	1023668

Prep Batch: 1023816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-14	SW-PAB-00-022525	Total/NA	Water	3510C	
460-321063-15	SW-PAB-02-022525	Total/NA	Water	3510C	
460-321063-16	SW-PAB-03-022525	Total/NA	Water	3510C	
460-321063-17	SW-NOB-01-022525	Total/NA	Water	3510C	
460-321063-18	SW-PMB-01-022525	Total/NA	Water	3510C	
460-321063-19	SW-MRB-00-022525	Total/NA	Water	3510C	
460-321063-20	SW-MRB-01-022525	Total/NA	Water	3510C	
460-321063-21	SW-PMB-02-022525	Total/NA	Water	3510C	
460-321063-22	SW-11-022525	Total/NA	Water	3510C	
MB 460-1023816/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1023816/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1023816/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
460-321063-14 MS	SW-PAB-00-022525	Total/NA	Water	3510C	
460-321063-14 MSD	SW-PAB-00-022525	Total/NA	Water	3510C	

Analysis Batch: 1023900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-14	SW-PAB-00-022525	Total/NA	Water	8270E SIM ID	1023816
460-321063-15	SW-PAB-02-022525	Total/NA	Water	8270E SIM ID	1023816
460-321063-16	SW-PAB-03-022525	Total/NA	Water	8270E SIM ID	1023816
460-321063-17	SW-NOB-01-022525	Total/NA	Water	8270E SIM ID	1023816
460-321063-18	SW-PMB-01-022525	Total/NA	Water	8270E SIM ID	1023816
460-321063-19	SW-MRB-00-022525	Total/NA	Water	8270E SIM ID	1023816
460-321063-20	SW-MRB-01-022525	Total/NA	Water	8270E SIM ID	1023816
460-321063-21	SW-PMB-02-022525	Total/NA	Water	8270E SIM ID	1023816
460-321063-22	SW-11-022525	Total/NA	Water	8270E SIM ID	1023816
MB 460-1023816/1-A	Method Blank	Total/NA	Water	8270E SIM ID	1023816
LCS 460-1023816/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	1023816
LCSD 460-1023816/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	1023816
460-321063-14 MS	SW-PAB-00-022525	Total/NA	Water	8270E SIM ID	1023816
460-321063-14 MSD	SW-PAB-00-022525	Total/NA	Water	8270E SIM ID	1023816

Metals

Prep Batch: 1024490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-1	SW-PAB-04-022525	Total Recoverable	Water	3005A	
460-321063-2	SW-SP-01-022525	Total Recoverable	Water	3005A	
460-321063-3	SW-MRB-02-022525	Total Recoverable	Water	3005A	
460-321063-4	SW-MRB-03-022525	Total Recoverable	Water	3005A	
460-321063-5	SW-NOB-02-022525	Total Recoverable	Water	3005A	
460-321063-6	SW-03-022525	Total Recoverable	Water	3005A	
460-321063-7	SW-04-022525	Total Recoverable	Water	3005A	
460-321063-8	Field Blank-01-022525	Total Recoverable	Water	3005A	
460-321063-10	DUP-01-022525	Total Recoverable	Water	3005A	
460-321063-11	SW-SR3-SEEP-2-022525	Total Recoverable	Water	3005A	
460-321063-12	SW-PAB-01A-022525	Total Recoverable	Water	3005A	
460-321063-13	SW-PAB-01-022525	Total Recoverable	Water	3005A	
460-321063-14	SW-PAB-00-022525	Total Recoverable	Water	3005A	
460-321063-15	SW-PAB-02-022525	Total Recoverable	Water	3005A	
MB 460-1024490/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 460-1024490/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
460-321063-14 MS	SW-PAB-00-022525	Total Recoverable	Water	3005A	
460-321063-14 MSD	SW-PAB-00-022525	Total Recoverable	Water	3005A	
460-321063-14 DU	SW-PAB-00-022525	Total Recoverable	Water	3005A	

Analysis Batch: 1024532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-1	SW-PAB-04-022525	Total Recoverable	Water	6020B	1024490
460-321063-2	SW-SP-01-022525	Total Recoverable	Water	6020B	1024490
460-321063-3	SW-MRB-02-022525	Total Recoverable	Water	6020B	1024490
460-321063-4	SW-MRB-03-022525	Total Recoverable	Water	6020B	1024490
460-321063-5	SW-NOB-02-022525	Total Recoverable	Water	6020B	1024490
460-321063-6	SW-03-022525	Total Recoverable	Water	6020B	1024490
460-321063-7	SW-04-022525	Total Recoverable	Water	6020B	1024490
460-321063-8	Field Blank-01-022525	Total Recoverable	Water	6020B	1024490
460-321063-10	DUP-01-022525	Total Recoverable	Water	6020B	1024490
460-321063-11	SW-SR3-SEEP-2-022525	Total Recoverable	Water	6020B	1024490
460-321063-12	SW-PAB-01A-022525	Total Recoverable	Water	6020B	1024490
460-321063-13	SW-PAB-01-022525	Total Recoverable	Water	6020B	1024490
460-321063-14	SW-PAB-00-022525	Total Recoverable	Water	6020B	1024490
460-321063-15	SW-PAB-02-022525	Total Recoverable	Water	6020B	1024490
MB 460-1024490/1-A	Method Blank	Total Recoverable	Water	6020B	1024490
LCS 460-1024490/2-A	Lab Control Sample	Total Recoverable	Water	6020B	1024490
460-321063-14 MS	SW-PAB-00-022525	Total Recoverable	Water	6020B	1024490
460-321063-14 MSD	SW-PAB-00-022525	Total Recoverable	Water	6020B	1024490
460-321063-14 DU	SW-PAB-00-022525	Total Recoverable	Water	6020B	1024490

Prep Batch: 1024965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-16	SW-PAB-03-022525	Total Recoverable	Water	3005A	
460-321063-17	SW-NOB-01-022525	Total Recoverable	Water	3005A	
460-321063-18	SW-PMB-01-022525	Total Recoverable	Water	3005A	
460-321063-19	SW-MRB-00-022525	Total Recoverable	Water	3005A	
460-321063-20	SW-MRB-01-022525	Total Recoverable	Water	3005A	
460-321063-21	SW-PMB-02-022525	Total Recoverable	Water	3005A	
460-321063-22	SW-11-022525	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 1024965 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1024965/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 460-1024965/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
460-321409-J-3-G MS ^10	Matrix Spike	Total Recoverable	Water	3005A	
460-321409-J-3-H MSD ^10	Matrix Spike Duplicate	Total Recoverable	Water	3005A	
460-321409-J-3-F DU ^10	Duplicate	Total Recoverable	Water	3005A	

Filtration Batch: 1025031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-1	SW-PAB-04-022525	Dissolved	Water	FILTRATION	
460-321063-2	SW-SP-01-022525	Dissolved	Water	FILTRATION	
460-321063-3	SW-MRB-02-022525	Dissolved	Water	FILTRATION	
460-321063-4	SW-MRB-03-022525	Dissolved	Water	FILTRATION	
460-321063-5	SW-NOB-02-022525	Dissolved	Water	FILTRATION	
460-321063-6	SW-03-022525	Dissolved	Water	FILTRATION	
460-321063-7	SW-04-022525	Dissolved	Water	FILTRATION	
460-321063-8	Field Blank-01-022525	Dissolved	Water	FILTRATION	
460-321063-10	DUP-01-022525	Dissolved	Water	FILTRATION	
460-321063-11	SW-SR3-SEEP-2-022525	Dissolved	Water	FILTRATION	
460-321063-12	SW-PAB-01A-022525	Dissolved	Water	FILTRATION	
460-321063-13	SW-PAB-01-022525	Dissolved	Water	FILTRATION	
460-321063-14	SW-PAB-00-022525	Dissolved	Water	FILTRATION	
MB 460-1025031/1-B	Method Blank	Dissolved	Water	FILTRATION	
460-321063-14 MS	SW-PAB-00-022525	Dissolved	Water	FILTRATION	
460-321063-14 MSD	SW-PAB-00-022525	Dissolved	Water	FILTRATION	
460-321063-14 DU	SW-PAB-00-022525	Dissolved	Water	FILTRATION	

Prep Batch: 1025033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-1	SW-PAB-04-022525	Dissolved	Water	3005A	1025031
460-321063-2	SW-SP-01-022525	Dissolved	Water	3005A	1025031
460-321063-3	SW-MRB-02-022525	Dissolved	Water	3005A	1025031
460-321063-4	SW-MRB-03-022525	Dissolved	Water	3005A	1025031
460-321063-5	SW-NOB-02-022525	Dissolved	Water	3005A	1025031
460-321063-6	SW-03-022525	Dissolved	Water	3005A	1025031
460-321063-7	SW-04-022525	Dissolved	Water	3005A	1025031
460-321063-8	Field Blank-01-022525	Dissolved	Water	3005A	1025031
460-321063-10	DUP-01-022525	Dissolved	Water	3005A	1025031
460-321063-11	SW-SR3-SEEP-2-022525	Dissolved	Water	3005A	1025031
460-321063-12	SW-PAB-01A-022525	Dissolved	Water	3005A	1025031
460-321063-13	SW-PAB-01-022525	Dissolved	Water	3005A	1025031
460-321063-14	SW-PAB-00-022525	Dissolved	Water	3005A	1025031
MB 460-1025031/1-B	Method Blank	Dissolved	Water	3005A	1025031
LCS 460-1025033/3-A	Lab Control Sample	Total Recoverable	Water	3005A	
460-321063-14 MS	SW-PAB-00-022525	Dissolved	Water	3005A	1025031
460-321063-14 MSD	SW-PAB-00-022525	Dissolved	Water	3005A	1025031
460-321063-14 DU	SW-PAB-00-022525	Dissolved	Water	3005A	1025031

Analysis Batch: 1025061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-1	SW-PAB-04-022525	Dissolved	Water	6020B	1025033
460-321063-2	SW-SP-01-022525	Dissolved	Water	6020B	1025033

Metals (Continued)

Analysis Batch: 1025061 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-3	SW-MRB-02-022525	Dissolved	Water	6020B	1025033
460-321063-4	SW-MRB-03-022525	Dissolved	Water	6020B	1025033
460-321063-5	SW-NOB-02-022525	Dissolved	Water	6020B	1025033
460-321063-6	SW-03-022525	Dissolved	Water	6020B	1025033
460-321063-7	SW-04-022525	Dissolved	Water	6020B	1025033
460-321063-8	Field Blank-01-022525	Dissolved	Water	6020B	1025033
460-321063-10	DUP-01-022525	Dissolved	Water	6020B	1025033
460-321063-11	SW-SR3-SEEP-2-022525	Dissolved	Water	6020B	1025033
MB 460-1024965/1-A	Method Blank	Total Recoverable	Water	6020B	1024965
LCS 460-1024965/2-A	Lab Control Sample	Total Recoverable	Water	6020B	1024965
460-321409-J-3-G MS ^10	Matrix Spike	Total Recoverable	Water	6020B	1024965
460-321409-J-3-H MSD ^10	Matrix Spike Duplicate	Total Recoverable	Water	6020B	1024965
460-321409-J-3-F DU ^10	Duplicate	Total Recoverable	Water	6020B	1024965

Analysis Batch: 1025081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-12	SW-PAB-01A-022525	Dissolved	Water	6020B	1025033
460-321063-13	SW-PAB-01-022525	Dissolved	Water	6020B	1025033
460-321063-14	SW-PAB-00-022525	Dissolved	Water	6020B	1025033
460-321063-16	SW-PAB-03-022525	Total Recoverable	Water	6020B	1024965
460-321063-17	SW-NOB-01-022525	Total Recoverable	Water	6020B	1024965
460-321063-18	SW-PMB-01-022525	Total Recoverable	Water	6020B	1024965
460-321063-19	SW-MRB-00-022525	Total Recoverable	Water	6020B	1024965
460-321063-20	SW-MRB-01-022525	Total Recoverable	Water	6020B	1024965
460-321063-21	SW-PMB-02-022525	Total Recoverable	Water	6020B	1024965
460-321063-22	SW-11-022525	Total Recoverable	Water	6020B	1024965
MB 460-1025031/1-B	Method Blank	Dissolved	Water	6020B	1025033
LCS 460-1025033/3-A	Lab Control Sample	Total Recoverable	Water	6020B	1025033
460-321063-14 MS	SW-PAB-00-022525	Dissolved	Water	6020B	1025033
460-321063-14 MSD	SW-PAB-00-022525	Dissolved	Water	6020B	1025033
460-321063-14 DU	SW-PAB-00-022525	Dissolved	Water	6020B	1025033

Filtration Batch: 1025226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-15	SW-PAB-02-022525	Dissolved	Water	FILTRATION	
460-321063-16	SW-PAB-03-022525	Dissolved	Water	FILTRATION	
460-321063-17	SW-NOB-01-022525	Dissolved	Water	FILTRATION	
MB 460-1025226/1-B	Method Blank	Dissolved	Water	FILTRATION	
460-321140-E-2-F MS	Matrix Spike	Dissolved	Water	FILTRATION	
460-321140-E-2-G MSD	Matrix Spike Duplicate	Dissolved	Water	FILTRATION	
460-321140-E-2-E DU	Duplicate	Dissolved	Water	FILTRATION	

Filtration Batch: 1025228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-18	SW-PMB-01-022525	Dissolved	Water	FILTRATION	
460-321063-19	SW-MRB-00-022525	Dissolved	Water	FILTRATION	
460-321063-20	SW-MRB-01-022525	Dissolved	Water	FILTRATION	
460-321063-21	SW-PMB-02-022525	Dissolved	Water	FILTRATION	
460-321063-22	SW-11-022525	Dissolved	Water	FILTRATION	
MB 460-1025228/1-B	Method Blank	Dissolved	Water	FILTRATION	
460-321264-E-1-D MS	Matrix Spike	Dissolved	Water	FILTRATION	

Metals (Continued)

Filtration Batch: 1025228 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-E-1-C DU	Duplicate	Dissolved	Water	FILTRATION	

Prep Batch: 1025231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-15	SW-PAB-02-022525	Dissolved	Water	3005A	1025226
460-321063-16	SW-PAB-03-022525	Dissolved	Water	3005A	1025226
460-321063-17	SW-NOB-01-022525	Dissolved	Water	3005A	1025226
MB 460-1025226/1-B	Method Blank	Dissolved	Water	3005A	1025226
LCS 460-1025231/25-A	Lab Control Sample	Total Recoverable	Water	3005A	
460-321140-E-2-F MS	Matrix Spike	Dissolved	Water	3005A	1025226
460-321140-E-2-G MSD	Matrix Spike Duplicate	Dissolved	Water	3005A	1025226
460-321140-E-2-E DU	Duplicate	Dissolved	Water	3005A	1025226

Prep Batch: 1025233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-18	SW-PMB-01-022525	Dissolved	Water	3005A	1025228
460-321063-19	SW-MRB-00-022525	Dissolved	Water	3005A	1025228
460-321063-20	SW-MRB-01-022525	Dissolved	Water	3005A	1025228
460-321063-21	SW-PMB-02-022525	Dissolved	Water	3005A	1025228
460-321063-22	SW-11-022525	Dissolved	Water	3005A	1025228
MB 460-1025228/1-B	Method Blank	Dissolved	Water	3005A	1025228
LCS 460-1025233/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
460-321264-E-1-D MS	Matrix Spike	Dissolved	Water	3005A	1025228
460-321264-E-1-C DU	Duplicate	Dissolved	Water	3005A	1025228

Analysis Batch: 1025274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-15	SW-PAB-02-022525	Dissolved	Water	6020B	1025231
460-321063-16	SW-PAB-03-022525	Dissolved	Water	6020B	1025231
460-321063-17	SW-NOB-01-022525	Dissolved	Water	6020B	1025231
MB 460-1025226/1-B	Method Blank	Dissolved	Water	6020B	1025231
MB 460-1025228/1-B	Method Blank	Dissolved	Water	6020B	1025233
LCS 460-1025231/25-A	Lab Control Sample	Total Recoverable	Water	6020B	1025231
LCS 460-1025233/2-A	Lab Control Sample	Total Recoverable	Water	6020B	1025233
460-321140-E-2-F MS	Matrix Spike	Dissolved	Water	6020B	1025231
460-321140-E-2-G MSD	Matrix Spike Duplicate	Dissolved	Water	6020B	1025231
460-321264-E-1-D MS	Matrix Spike	Dissolved	Water	6020B	1025233
460-321140-E-2-E DU	Duplicate	Dissolved	Water	6020B	1025231
460-321264-E-1-C DU	Duplicate	Dissolved	Water	6020B	1025233

Analysis Batch: 1025317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321063-18	SW-PMB-01-022525	Dissolved	Water	6020B	1025233
460-321063-19	SW-MRB-00-022525	Dissolved	Water	6020B	1025233
460-321063-20	SW-MRB-01-022525	Dissolved	Water	6020B	1025233
460-321063-21	SW-PMB-02-022525	Dissolved	Water	6020B	1025233
460-321063-22	SW-11-022525	Dissolved	Water	6020B	1025233

Lab Chronicle

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: SW-PAB-04-022525

Lab Sample ID: 460-321063-1

Date Collected: 02/25/25 10:40

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024934	VBP	EET EDI	03/09/25 22:26
Total/NA	Analysis	8260D SIM		1	1023784	SZD	EET EDI	03/03/25 13:48
Total/NA	Prep	3510C			1023668	ZEH	EET EDI	03/01/25 10:24
Total/NA	Analysis	8270E SIM ID		1	1023717	YAH	EET EDI	03/02/25 15:58
Dissolved	Filtration	FILTRATION			1025031	JKF	EET EDI	03/10/25 10:28
Dissolved	Prep	3005A			1025033	JKF	EET EDI	03/10/25 10:30
Dissolved	Analysis	6020B		1	1025061	JKF	EET EDI	03/10/25 12:02
Total Recoverable	Prep	3005A			1024490	NNW	EET EDI	03/06/25 13:41
Total Recoverable	Analysis	6020B		1	1024532	JKF	EET EDI	03/06/25 17:47

Client Sample ID: SW-SP-01-022525

Lab Sample ID: 460-321063-2

Date Collected: 02/25/25 11:30

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024934	VBP	EET EDI	03/09/25 22:01
Total/NA	Analysis	8260D SIM		1	1023784	SZD	EET EDI	03/03/25 14:09
Total/NA	Prep	3510C			1023668	ZEH	EET EDI	03/01/25 10:24
Total/NA	Analysis	8270E SIM ID		1	1023717	YAH	EET EDI	03/02/25 16:14
Dissolved	Filtration	FILTRATION			1025031	JKF	EET EDI	03/10/25 10:28
Dissolved	Prep	3005A			1025033	JKF	EET EDI	03/10/25 10:30
Dissolved	Analysis	6020B		1	1025061	JKF	EET EDI	03/10/25 12:04
Total Recoverable	Prep	3005A			1024490	NNW	EET EDI	03/06/25 13:41
Total Recoverable	Analysis	6020B		1	1024532	JKF	EET EDI	03/06/25 17:50

Client Sample ID: SW-MRB-02-022525

Lab Sample ID: 460-321063-3

Date Collected: 02/25/25 09:55

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024934	VBP	EET EDI	03/09/25 21:37
Total/NA	Analysis	8260D SIM		1	1023784	SZD	EET EDI	03/03/25 14:31
Total/NA	Prep	3510C			1023668	ZEH	EET EDI	03/01/25 10:24
Total/NA	Analysis	8270E SIM ID		1	1023717	YAH	EET EDI	03/02/25 16:29
Dissolved	Filtration	FILTRATION			1025031	JKF	EET EDI	03/10/25 10:28
Dissolved	Prep	3005A			1025033	JKF	EET EDI	03/10/25 10:30
Dissolved	Analysis	6020B		1	1025061	JKF	EET EDI	03/10/25 12:07
Total Recoverable	Prep	3005A			1024490	NNW	EET EDI	03/06/25 13:41
Total Recoverable	Analysis	6020B		1	1024532	JKF	EET EDI	03/06/25 17:57

Lab Chronicle

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: SW-MRB-03-022525

Lab Sample ID: 460-321063-4

Date Collected: 02/25/25 10:20
Matrix: Water
Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024934	VBP	EET EDI	03/09/25 21:12
Total/NA	Analysis	8260D SIM		1	1023784	SZD	EET EDI	03/03/25 14:53
Total/NA	Prep	3510C			1023668	ZEH	EET EDI	03/01/25 10:24
Total/NA	Analysis	8270E SIM ID		1	1023717	YAH	EET EDI	03/02/25 16:45
Dissolved	Filtration	FILTRATION			1025031	JKF	EET EDI	03/10/25 10:28
Dissolved	Prep	3005A			1025033	JKF	EET EDI	03/10/25 10:30
Dissolved	Analysis	6020B		1	1025061	JKF	EET EDI	03/10/25 12:10
Total Recoverable	Prep	3005A			1024490	NNW	EET EDI	03/06/25 13:41
Total Recoverable	Analysis	6020B		1	1024532	JKF	EET EDI	03/06/25 18:00

Client Sample ID: SW-NOB-02-022525

Lab Sample ID: 460-321063-5

Date Collected: 02/25/25 11:00
Matrix: Water
Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024985	CJM	EET EDI	03/10/25 10:57
Total/NA	Analysis	8260D SIM		1	1023784	SZD	EET EDI	03/03/25 15:14
Total/NA	Prep	3510C			1023668	ZEH	EET EDI	03/01/25 10:24
Total/NA	Analysis	8270E SIM ID		1	1023717	YAH	EET EDI	03/02/25 17:01
Dissolved	Filtration	FILTRATION			1025031	JKF	EET EDI	03/10/25 10:28
Dissolved	Prep	3005A			1025033	JKF	EET EDI	03/10/25 10:30
Dissolved	Analysis	6020B		1	1025061	JKF	EET EDI	03/10/25 12:12
Total Recoverable	Prep	3005A			1024490	NNW	EET EDI	03/06/25 13:41
Total Recoverable	Analysis	6020B		1	1024532	JKF	EET EDI	03/06/25 18:03

Client Sample ID: SW-03-022525

Lab Sample ID: 460-321063-6

Date Collected: 02/25/25 09:10
Matrix: Water
Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024934	VBP	EET EDI	03/09/25 17:57
Total/NA	Analysis	8260D SIM		1	1023784	SZD	EET EDI	03/03/25 15:36
Total/NA	Prep	3510C			1023668	ZEH	EET EDI	03/01/25 10:24
Total/NA	Analysis	8270E SIM ID		1	1023717	YAH	EET EDI	03/02/25 17:16
Dissolved	Filtration	FILTRATION			1025031	JKF	EET EDI	03/10/25 10:28
Dissolved	Prep	3005A			1025033	JKF	EET EDI	03/10/25 10:30
Dissolved	Analysis	6020B		1	1025061	JKF	EET EDI	03/10/25 12:15
Total Recoverable	Prep	3005A			1024490	NNW	EET EDI	03/06/25 13:41
Total Recoverable	Analysis	6020B		1	1024532	JKF	EET EDI	03/06/25 18:05

Client Sample ID: SW-04-022525

Lab Sample ID: 460-321063-7

Date Collected: 02/25/25 09:30

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024621	CJM	EET EDI	03/07/25 18:04
Total/NA	Analysis	8260D SIM		1	1023784	SZD	EET EDI	03/03/25 15:57
Total/NA	Prep	3510C			1023668	ZEH	EET EDI	03/01/25 10:24
Total/NA	Analysis	8270E SIM ID		1	1023717	YAH	EET EDI	03/02/25 17:32
Dissolved	Filtration	FILTRATION			1025031	JKF	EET EDI	03/10/25 10:28
Dissolved	Prep	3005A			1025033	JKF	EET EDI	03/10/25 10:30
Dissolved	Analysis	6020B		1	1025061	JKF	EET EDI	03/10/25 12:17
Total Recoverable	Prep	3005A			1024490	NNW	EET EDI	03/06/25 13:41
Total Recoverable	Analysis	6020B		1	1024532	JKF	EET EDI	03/06/25 18:13

Client Sample ID: Field Blank-01-022525

Lab Sample ID: 460-321063-8

Date Collected: 02/25/25 12:00

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024621	CJM	EET EDI	03/07/25 09:06
Total/NA	Analysis	8260D SIM		1	1023952	SZD	EET EDI	03/04/25 08:28
Total/NA	Prep	3510C			1023668	ZEH	EET EDI	03/01/25 10:24
Total/NA	Analysis	8270E SIM ID		1	1023717	YAH	EET EDI	03/02/25 17:48
Dissolved	Filtration	FILTRATION			1025031	JKF	EET EDI	03/10/25 10:28
Dissolved	Prep	3005A			1025033	JKF	EET EDI	03/10/25 10:30
Dissolved	Analysis	6020B		1	1025061	JKF	EET EDI	03/10/25 12:20
Total Recoverable	Prep	3005A			1024490	NNW	EET EDI	03/06/25 13:41
Total Recoverable	Analysis	6020B		1	1024532	JKF	EET EDI	03/06/25 18:16

Client Sample ID: Trip Blank-01-022525

Lab Sample ID: 460-321063-9

Date Collected: 02/25/25 00:00

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024621	CJM	EET EDI	03/07/25 09:31
Total/NA	Analysis	8260D SIM		1	1023952	SZD	EET EDI	03/04/25 08:49

Client Sample ID: DUP-01-022525

Lab Sample ID: 460-321063-10

Date Collected: 02/25/25 12:00

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024621	CJM	EET EDI	03/07/25 17:39
Total/NA	Analysis	8260D SIM		1	1023952	SZD	EET EDI	03/04/25 09:32
Total/NA	Prep	3510C			1023668	ZEH	EET EDI	03/01/25 10:24
Total/NA	Analysis	8270E SIM ID		1	1023717	YAH	EET EDI	03/02/25 18:03
Dissolved	Filtration	FILTRATION			1025031	JKF	EET EDI	03/10/25 10:28
Dissolved	Prep	3005A			1025033	JKF	EET EDI	03/10/25 10:30
Dissolved	Analysis	6020B		1	1025061	JKF	EET EDI	03/10/25 12:23

Lab Chronicle

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: DUP-01-022525

Lab Sample ID: 460-321063-10

Date Collected: 02/25/25 12:00

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			1024490	NNW	EET EDI	03/06/25 13:41
Total Recoverable	Analysis	6020B		1	1024532	JKF	EET EDI	03/06/25 18:08

Client Sample ID: SW-SR3-SEEP-2-022525

Lab Sample ID: 460-321063-11

Date Collected: 02/25/25 10:45

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024621	CJM	EET EDI	03/07/25 17:15
Total/NA	Analysis	8260D SIM		1	1023952	SZD	EET EDI	03/04/25 09:54
Total/NA	Prep	3510C			1023668	ZEH	EET EDI	03/01/25 10:24
Total/NA	Analysis	8270E SIM ID		1	1023717	YAH	EET EDI	03/02/25 18:19
Dissolved	Filtration	FILTRATION			1025031	JKF	EET EDI	03/10/25 10:29
Dissolved	Prep	3005A			1025033	JKF	EET EDI	03/10/25 10:30
Dissolved	Analysis	6020B		1	1025061	JKF	EET EDI	03/10/25 12:25
Total Recoverable	Prep	3005A			1024490	NNW	EET EDI	03/06/25 13:41
Total Recoverable	Analysis	6020B		1	1024532	JKF	EET EDI	03/06/25 17:39

Client Sample ID: SW-PAB-01A-022525

Lab Sample ID: 460-321063-12

Date Collected: 02/25/25 12:05

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024621	CJM	EET EDI	03/07/25 16:50
Total/NA	Analysis	8260D SIM		1	1023952	SZD	EET EDI	03/04/25 10:16
Total/NA	Prep	3510C			1023668	ZEH	EET EDI	03/01/25 10:24
Total/NA	Analysis	8270E SIM ID		1	1023717	YAH	EET EDI	03/02/25 18:35
Dissolved	Filtration	FILTRATION			1025031	JKF	EET EDI	03/10/25 10:29
Dissolved	Prep	3005A			1025033	JKF	EET EDI	03/10/25 10:30
Dissolved	Analysis	6020B		1	1025081	JKF	EET EDI	03/10/25 14:19
Total Recoverable	Prep	3005A			1024490	NNW	EET EDI	03/06/25 13:41
Total Recoverable	Analysis	6020B		1	1024532	JKF	EET EDI	03/06/25 17:42

Client Sample ID: SW-PAB-01-022525

Lab Sample ID: 460-321063-13

Date Collected: 02/25/25 11:40

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024621	CJM	EET EDI	03/07/25 16:26
Total/NA	Analysis	8260D SIM		1	1023952	SZD	EET EDI	03/04/25 10:37
Total/NA	Prep	3510C			1023668	ZEH	EET EDI	03/01/25 10:24
Total/NA	Analysis	8270E SIM ID		1	1023717	YAH	EET EDI	03/02/25 18:50
Dissolved	Filtration	FILTRATION			1025031	JKF	EET EDI	03/10/25 10:29
Dissolved	Prep	3005A			1025033	JKF	EET EDI	03/10/25 10:30
Dissolved	Analysis	6020B		1	1025081	JKF	EET EDI	03/10/25 14:21

Lab Chronicle

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: SW-PAB-01-022525

Lab Sample ID: 460-321063-13

Date Collected: 02/25/25 11:40

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			1024490	NNW	EET EDI	03/06/25 13:41
Total Recoverable	Analysis	6020B		1	1024532	JKF	EET EDI	03/06/25 18:10

Client Sample ID: SW-PAB-00-022525

Lab Sample ID: 460-321063-14

Date Collected: 02/25/25 09:40

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024621	CJM	EET EDI	03/07/25 09:55
Total/NA	Analysis	8260D SIM		1	1023952	SZD	EET EDI	03/04/25 09:11
Total/NA	Prep	3510C			1023816	SXS	EET EDI	03/03/25 09:29
Total/NA	Analysis	8270E SIM ID		1	1023900	MME	EET EDI	03/03/25 22:20
Dissolved	Filtration	FILTRATION			1025031	JKF	EET EDI	03/10/25 10:27
Dissolved	Prep	3005A			1025033	JKF	EET EDI	03/10/25 10:30
Dissolved	Analysis	6020B		1	1025081	JKF	EET EDI	03/10/25 13:55
Total Recoverable	Prep	3005A			1024490	NNW	EET EDI	03/06/25 13:41
Total Recoverable	Analysis	6020B		1	1024532	JKF	EET EDI	03/06/25 16:47

Client Sample ID: SW-PAB-02-022525

Lab Sample ID: 460-321063-15

Date Collected: 02/25/25 10:05

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024621	CJM	EET EDI	03/07/25 16:02
Total/NA	Analysis	8260D SIM		1	1023952	SZD	EET EDI	03/04/25 10:59
Total/NA	Prep	3510C			1023816	SXS	EET EDI	03/03/25 09:29
Total/NA	Analysis	8270E SIM ID		1	1023900	MME	EET EDI	03/04/25 01:27
Dissolved	Filtration	FILTRATION			1025226	CDC	EET EDI	03/11/25 10:20
Dissolved	Prep	3005A			1025231	CDC	EET EDI	03/11/25 10:33
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 13:35
Total Recoverable	Prep	3005A			1024490	NNW	EET EDI	03/06/25 13:41
Total Recoverable	Analysis	6020B		1	1024532	JKF	EET EDI	03/06/25 17:44

Client Sample ID: SW-PAB-03-022525

Lab Sample ID: 460-321063-16

Date Collected: 02/25/25 11:05

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024934	VBP	EET EDI	03/09/25 22:50
Total/NA	Analysis	8260D SIM		1	1023952	SZD	EET EDI	03/04/25 11:20
Total/NA	Prep	3510C			1023816	SXS	EET EDI	03/03/25 09:29
Total/NA	Analysis	8270E SIM ID		1	1023900	MME	EET EDI	03/04/25 01:43
Dissolved	Filtration	FILTRATION			1025226	CDC	EET EDI	03/11/25 10:20
Dissolved	Prep	3005A			1025231	CDC	EET EDI	03/11/25 10:33
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 13:37

Client Sample ID: SW-PAB-03-022525

Lab Sample ID: 460-321063-16

Date Collected: 02/25/25 11:05

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			1024965	GAE	EET EDI	03/09/25 19:10
Total Recoverable	Analysis	6020B		1	1025081	JKF	EET EDI	03/10/25 15:06

Client Sample ID: SW-NOB-01-022525

Lab Sample ID: 460-321063-17

Date Collected: 02/25/25 09:35

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024934	VBP	EET EDI	03/09/25 23:15
Total/NA	Analysis	8260D SIM		1	1023952	SZD	EET EDI	03/04/25 11:42
Total/NA	Prep	3510C			1023816	SXS	EET EDI	03/03/25 09:29
Total/NA	Analysis	8270E SIM ID		1	1023900	MME	EET EDI	03/04/25 01:59
Dissolved	Filtration	FILTRATION			1025226	CDC	EET EDI	03/11/25 10:20
Dissolved	Prep	3005A			1025231	CDC	EET EDI	03/11/25 10:33
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 13:40
Total Recoverable	Prep	3005A			1024965	GAE	EET EDI	03/09/25 19:10
Total Recoverable	Analysis	6020B		1	1025081	JKF	EET EDI	03/10/25 15:09

Client Sample ID: SW-PMB-01-022525

Lab Sample ID: 460-321063-18

Date Collected: 02/25/25 10:40

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024934	VBP	EET EDI	03/09/25 23:39
Total/NA	Analysis	8260D SIM		1	1023952	SZD	EET EDI	03/04/25 12:03
Total/NA	Prep	3510C			1023816	SXS	EET EDI	03/03/25 09:29
Total/NA	Analysis	8270E SIM ID		1	1023900	MME	EET EDI	03/04/25 02:14
Dissolved	Filtration	FILTRATION			1025228	CDC	EET EDI	03/11/25 10:25
Dissolved	Prep	3005A			1025233	CDC	EET EDI	03/11/25 10:41
Dissolved	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 17:08
Total Recoverable	Prep	3005A			1024965	GAE	EET EDI	03/09/25 19:10
Total Recoverable	Analysis	6020B		1	1025081	JKF	EET EDI	03/10/25 15:16

Client Sample ID: SW-MRB-00-022525

Lab Sample ID: 460-321063-19

Date Collected: 02/25/25 12:05

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024934	VBP	EET EDI	03/10/25 00:03
Total/NA	Analysis	8260D SIM		1	1023952	SZD	EET EDI	03/04/25 12:25
Total/NA	Prep	3510C			1023816	SXS	EET EDI	03/03/25 09:29
Total/NA	Analysis	8270E SIM ID		1	1023900	MME	EET EDI	03/04/25 02:30
Dissolved	Filtration	FILTRATION			1025228	CDC	EET EDI	03/11/25 10:25
Dissolved	Prep	3005A			1025233	CDC	EET EDI	03/11/25 10:41
Dissolved	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 17:19

Client Sample ID: SW-MRB-00-022525

Lab Sample ID: 460-321063-19

Date Collected: 02/25/25 12:05

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			1024965	GAE	EET EDI	03/09/25 19:10
Total Recoverable	Analysis	6020B		1	1025081	JKF	EET EDI	03/10/25 15:19

Client Sample ID: SW-MRB-01-022525

Lab Sample ID: 460-321063-20

Date Collected: 02/25/25 12:35

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024934	VBP	EET EDI	03/10/25 00:28
Total/NA	Analysis	8260D SIM		1	1023952	SZD	EET EDI	03/04/25 12:47
Total/NA	Prep	3510C			1023816	SXS	EET EDI	03/03/25 09:29
Total/NA	Analysis	8270E SIM ID		1	1023900	MME	EET EDI	03/04/25 02:46
Dissolved	Filtration	FILTRATION			1025228	CDC	EET EDI	03/11/25 10:25
Dissolved	Prep	3005A			1025233	CDC	EET EDI	03/11/25 10:41
Dissolved	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 17:21
Total Recoverable	Prep	3005A			1024965	GAE	EET EDI	03/09/25 19:10
Total Recoverable	Analysis	6020B		1	1025081	JKF	EET EDI	03/10/25 15:22

Client Sample ID: SW-PMB-02-022525

Lab Sample ID: 460-321063-21

Date Collected: 02/25/25 11:45

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024934	VBP	EET EDI	03/10/25 00:52
Total/NA	Analysis	8260D SIM		1	1023952	SZD	EET EDI	03/04/25 13:08
Total/NA	Prep	3510C			1023816	SXS	EET EDI	03/03/25 09:29
Total/NA	Analysis	8270E SIM ID		1	1023900	MME	EET EDI	03/04/25 03:01
Dissolved	Filtration	FILTRATION			1025228	CDC	EET EDI	03/11/25 10:25
Dissolved	Prep	3005A			1025233	CDC	EET EDI	03/11/25 10:41
Dissolved	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 17:24
Total Recoverable	Prep	3005A			1024965	GAE	EET EDI	03/09/25 19:10
Total Recoverable	Analysis	6020B		1	1025081	JKF	EET EDI	03/10/25 15:24

Client Sample ID: SW-11-022525

Lab Sample ID: 460-321063-22

Date Collected: 02/25/25 10:30

Matrix: Water

Date Received: 02/26/25 19:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024934	VBP	EET EDI	03/10/25 01:16
Total/NA	Analysis	8260D SIM		1	1023952	SZD	EET EDI	03/04/25 13:30
Total/NA	Prep	3510C			1023816	SXS	EET EDI	03/03/25 09:29
Total/NA	Analysis	8270E SIM ID		1	1023900	MME	EET EDI	03/04/25 03:17
Dissolved	Filtration	FILTRATION			1025228	CDC	EET EDI	03/11/25 10:25
Dissolved	Prep	3005A			1025233	CDC	EET EDI	03/11/25 10:41
Dissolved	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 17:27

Lab Chronicle

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Client Sample ID: SW-11-022525

Date Collected: 02/25/25 10:30
Date Received: 02/26/25 19:30

Lab Sample ID: 460-321063-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			1024965	GAE	EET EDI	03/09/25 19:10
Total Recoverable	Analysis	6020B		1	1025081	JKF	EET EDI	03/10/25 15:55

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Cornerstone Environmental Group, LLC
Job ID: 460-321063-1
Project/Site: FORD Ringwood Mines E203361

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	12028	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D SIM		Water	1,2,3-Trichloropropane
8260D SIM		Water	1,2-Dibromo-3-Chloropropane
8260D SIM		Water	Ethylene Dibromide
8260D SIM		Water	Vinyl chloride

Method Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8260D SIM	Volatile Organic Compounds (GC/MS)	SW846	EET EDI
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET EDI
6020B	Metals (ICP/MS)	SW846	EET EDI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI
FILTRATION	Sample Filtration	None	EET EDI

Protocol References:

None = None

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

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321063-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-321063-1	SW-PAB-04-022525	Water	02/25/25 10:40	02/26/25 19:30
460-321063-2	SW-SP-01-022525	Water	02/25/25 11:30	02/26/25 19:30
460-321063-3	SW-MRB-02-022525	Water	02/25/25 09:55	02/26/25 19:30
460-321063-4	SW-MRB-03-022525	Water	02/25/25 10:20	02/26/25 19:30
460-321063-5	SW-NOB-02-022525	Water	02/25/25 11:00	02/26/25 19:30
460-321063-6	SW-03-022525	Water	02/25/25 09:10	02/26/25 19:30
460-321063-7	SW-04-022525	Water	02/25/25 09:30	02/26/25 19:30
460-321063-8	Field Blank-01-022525	Water	02/25/25 12:00	02/26/25 19:30
460-321063-9	Trip Blank-01-022525	Water	02/25/25 00:00	02/26/25 19:30
460-321063-10	DUP-01-022525	Water	02/25/25 12:00	02/26/25 19:30
460-321063-11	SW-SR3-SEEP-2-022525	Water	02/25/25 10:45	02/26/25 19:30
460-321063-12	SW-PAB-01A-022525	Water	02/25/25 12:05	02/26/25 19:30
460-321063-13	SW-PAB-01-022525	Water	02/25/25 11:40	02/26/25 19:30
460-321063-14	SW-PAB-00-022525	Water	02/25/25 09:40	02/26/25 19:30
460-321063-15	SW-PAB-02-022525	Water	02/25/25 10:05	02/26/25 19:30
460-321063-16	SW-PAB-03-022525	Water	02/25/25 11:05	02/26/25 19:30
460-321063-17	SW-NOB-01-022525	Water	02/25/25 09:35	02/26/25 19:30
460-321063-18	SW-PMB-01-022525	Water	02/25/25 10:40	02/26/25 19:30
460-321063-19	SW-MRB-00-022525	Water	02/25/25 12:05	02/26/25 19:30
460-321063-20	SW-MRB-01-022525	Water	02/25/25 12:35	02/26/25 19:30
460-321063-21	SW-PMB-02-022525	Water	02/25/25 11:45	02/26/25 19:30
460-321063-22	SW-11-022525	Water	02/25/25 10:30	02/26/25 19:30

Chain of Custody Record

635663

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Address: _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Tim Roeper	Site Contact:	Date:	COC No:
Company Name: TetraTech / Cornerstone	Tel/Email: Tim.Roeper@tetratech.com	Lab Contact:	Carrier:	1 of 2 COCs
Address: 100 Crystal Run Rd Ste 101	Analysis Turnaround Time			Sampler:
City/State/Zip: Middletown, NY 10941	☒ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 845-695-0200	TAT if different from Below _____			Walk-in Client:
Fax:	☒ 2 weeks			Lab Sampling
Project Name: Ford Ringwood Mine 3	☐ 1 week			
Site: Ringwood, NJ	☐ 2 days			Job / SDG No
PO # 209-42131II-003	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8260B TCL VOC + STM	6020B - As, Pb	6020B Diss As, Pb	8270E 1,4-Dioxane ID/STM
SW-PAB-04-022525 -1	2/25/25	1040	G	SW	8	N	N	X	X	X	X
SW-SP-01-022525 -2		1130	G	SW	8	N	N	X	X	X	X
SW-MRB-02-022525 -3		0955	G	SW	8	N	N	X	X	X	X
SW-MRB-03-022525 -4		1020	G	SW	8	N	N	X	X	X	X
SW-NOB-02-022525 -5		1100	G	SW	8	N	N	X	X	X	X
SW-03-022525 -6		0910	G	SW	8	N	N	X	X	X	X
SW-04-022525 -7		0930	G	SW	8	N	N	X	X	X	X
Field Blank-01-022525 -8		1200	G	LW	8	N	N	X	X	X	X
Trip Blank-01-022525 -9		—	—	LW	2	N	N	X			
DUP-01-022525 -10		1200	G	SW	8	N	N	X	X	X	X
SW-SR3-SEEP-2-022525 -11		1045	G	SW	8	N	N	X	X	X	X
SW-PAB-01A-022525 -12		1205	G	SW	8	N	N	X	X	X	X

321063
Sample Specific Notes.

460-321063 Chain of Custody

ELMSFORD 272

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments. 6020B - Diss As, Pb Lab Filtered
8270E - 1,4-Dioxane Isotope Dilution - SIM

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No | Cooler Temp (°C): Obs'd. _____ Corr'd _____ Therm ID No. _____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Daniel Wheeler	CET/TE	02/26/25/0830		ETA	02-26-25 1230
	ETA	02-26-25 1700		CET 2-26-25	1500
	CET 2-26-25	1930	Received in Laboratory by	ETA	2/26 1930

MS/MSD FE #'s 2.1/2.5-1.9/2.3-1.7/2.1

3/12/2025

Chain of Custody Record

635662

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Address. _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Tom Reeper	Site Contact:	Date:	COC No:
Company Name: Tetra Tech / Cornerstone	Tel/Email: Tom.Reeper@tetratech.com	Lab Contact: Maria Cruz	Carrier:	2 of 2 COCs
Address: 100 Crystal Run Rd Ste 101	Analysis Turnaround Time			Sampler:
City/State/Zip: Middletown, NY 10941	☒ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 845-695-6200	TAT if different from Below _____			Walk-in Client:
Fax:	☒ 2 weeks			Lab Sampling
Project Name: Ford Ringwood Mines	☐ 1 week			
Site: Ringwood, NJ	☐ 2 days			Job / SDG No.
PO# 209-4213111-003	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8260B TCL VOC + STM	6020B - As, Pb	6020B Diss As, Pb	8270E 1,4 Dioxane, FD/Sim	Sample Specific Notes:
SW-PAB-01-022525 -13	2/25/25	1140	G	SW	8	N	N	X	X	X	X	
SW-PAB-00-022525 MS/MSD	2/25/25	0940	G	SW	24	N	Y	X	X	X	X	
SW-PAB-02-022525 -15	2/25/25	1005	G	SW	8	N	N	X	X	X	X	
SW-PAB-03-022525 -16	2/25/25	1105	G	SW	8	N	N	X	X	X	X	
SW-NOB-01-022525 -17	2/25/25	0935	G	SW	8	N	N	X	X	X	X	
SW-PMB-01-022525 -18	2/25/25	1040	G	SW	8	N	N	X	X	X	X	
SW-MRB-00-022525 -19	2/25/25	1205	G	SW	8	N	N	X	X	X	X	
SW-MRB-01-022525 -20	2/25/25	1235	G	SW	8	N	N	X	X	X	X	
SW-PMB-02-022525 -21	2/25/25	1145	G	SW	8	N	N	X	X	X	X	

321063

ELAP 2272

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments. 6020B-Diss As, Pb Lab Filtered
8270E 1,4-Dioxane Isotope Dilution - SIM

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No. | Cooler Temp. (°C): Obs'd. _____ Corr'd. _____ Therm ID No. _____

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
David Wheeler	CEG/TE	02/26/25 0930	ETA	02-26-25	1230
ETA	02-26-25	1700		EET 2-26-25	15:00
EET 2-26-25	EET 2-26-25	19:30	Received in Laboratory by:	ETA	2/26 1930

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3/12/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 321063

Number of Coolers: 3 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	2.1°C	2.5°C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	1.9°C	2.3°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	1.7°C	2.1°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)		Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
1 14				<2	<2											
2 15				<2	<2											
3 16				<2	<2											
4 17				<2	<2											
5 18				<2	<2											
6 19				<2	<2											
7 20				<2	<2											
8 21				<2	<2											
9																
10				<2												
11				<2												
12				<2												
13				<2												

If pH adjustments are required record the information below.

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s) _____ Expiration Date. _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials. MK Date: 2-26-25

Login Sample Receipt Checklist

Client: Cornerstone Environmental Group, LLC

Job Number: 460-321063-1

Login Number: 321063
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received extra samples not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Robert Schellberg
Cornerstone Environmental Group, LLC
100 Crystal Run Road
Suite 101
Middletown, New York 10941

Generated 3/13/2025 11:58:33 AM

JOB DESCRIPTION

FORD Ringwood Mines E203361

JOB NUMBER

460-321140-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Job Notes

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

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

Authorization



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Definitions/Glossary

Client: Cornerstone Environmental Group, LLC
Job ID: 460-321140-1
Project/Site: FORD Ringwood Mines E203361

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

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

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name: Eurofins Edison

Client: Cornerstone Environmental Group, LLC

Project Location: FORD Ringwood Mines E203361

Project Number: 460-321140-1

Laboratory Sample ID(s): 460-321140-1, 460-321140-2, 460-321140-3, 460-321140-4, 460-321140-5, 460-321140-6, 460-321140-7, 460-321140-8, 460-321140-9, 460-321140-10, 460-321140-11, 460-321140-12, 460-321140-13, 460-321140-14, 460-321140-15, 460-321140-16, 460-321140-17, 460-321140-18

Sampling Date(s): 02/26/2025

List DKQP Methods Used: 8260D, 8260D SIM, 6020B

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☑Yes ☐No
1A	Were the method specified handling, preservation, and holding time requirements met?	☐Yes ☐No ☑ See case narrative
1B	*EPH Method:* Was the EPH method conducted without significant modifications? (see Section 11.3 of respective DKQ methods)	☐Yes ☐No ☑N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody documents(s)?	☐Yes ☐No ☑ See case narrative
3	Were samples received at an appropriate temperature (4±2° C)?	☑Yes ☐No ☐N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐Yes ☑No
5	a) Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b) Were these reporting limits met?	☐Yes ☐No ☑ See case narrative ☐Yes ☐No ☐N/A ☑ See case narrative
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☑Yes ☐No
7	Are project-specific matrix spike and/or laboratory duplicates included in this data set?	☑Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet requirements for "Data of Known Quality."

CASE NARRATIVE

Client: Cornerstone Environmental Group, LLC

Project: FORD Ringwood Mines E203361

Report Number: 460-321140-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 2/27/2025 6:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.6°C, 1.6°C and 1.7°C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS) DKQP (TOTAL)
Samples OB-31-022625 (460-321140-1), OB-27-022625 (460-321140-2), OB-19-022625 (460-321140-3), RW-5-022625 (460-321140-4), DUP-02-022625 (460-321140-5), RW-14S-(135-153)-022625 (460-321140-6), RW-14D-(175-185)-022625 (460-321140-7), RW-3DS-(155-160)-022625 (460-321140-8), RW-3DD-(175-180)-022625 (460-321140-9), RW-3-(77-87)-022625 (460-321140-10), RW-11D-(262-267)-022625 (460-321140-11), RW-11S-(236-241)-022625 (460-321140-12), Trip Blank-02-022625 (460-321140-13), OB-17-022625 (460-321140-14), OB-16-022625 (460-321140-15), OB-14A-022625 (460-321140-16), OB-24-022625 (460-321140-17) and RW-16-022625 (460-321140-18) were analyzed for Volatile Organic Compounds (GC/MS) DKQP (Total) in accordance with EPA SW-846 Method 8260D (DKQP). The samples were analyzed on 03/07/2025, 03/08/2025 and 03/10/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1025015 was outside the method criteria for the following analyte: 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 is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1024769 recovered outside control limits for the following analytes: 1,1-Dichloroethene, 1,1,2-Trichloro-1,2,2-trifluoroethane and Chloroethane. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1024769 recovered outside control limits for the following analytes: 1,1,2-Trichloro-1,2,2-trifluoroethane, 1,1-Dichloroethene, Methyl acetate, Methyl tert-butyl ether and Trichlorofluoromethane.

Chloroethane failed the recovery criteria low for the MS of sample OB-27-022625MS (460-321140-2) in batch 460-1025015.

Chloroethane failed the recovery criteria low for the MSD of sample OB-27-022625MSD (460-321140-2) in batch 460-1025015. Cyclohexane failed the recovery criteria high.

Refer to the QC report for details.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC/MS) - SELECTED ION MODE (SIM) DKQP (TOTAL)
Samples OB-31-022625 (460-321140-1), OB-27-022625 (460-321140-2), OB-19-022625 (460-321140-3), RW-5-022625 (460-321140-4), DUP-02-022625 (460-321140-5), RW-14S-(135-153)-022625 (460-321140-6), RW-14D-(175-185)-022625 (460-321140-7), RW-3DS-(155-160)-022625 (460-321140-8), RW-3DD-(175-180)-022625 (460-321140-9), RW-3-(77-87)-022625 (460-321140-10), RW-11D-(262-267)-022625 (460-321140-11), RW-11S-(236-241)-022625 (460-321140-12), Trip Blank-02-022625 (460-321140-13), OB-17-022625 (460-321140-14), OB-16-022625 (460-321140-15), OB-14A-022625 (460-321140-16), OB-24-022625 (460-321140-17) and RW-16-022625 (460-321140-18) were analyzed for Volatile Organic Compounds (GC/MS) - Selected Ion Mode (SIM) DKQP (Total) in accordance with EPA SW-846 Method 8260D (DKQP) - Selected Ion Mode (SIM) DKQP. The samples were analyzed on 03/04/2025 and 03/05/2025.

Ethylene Dibromide failed the recovery criteria high for the MS of sample OB-27-022625MS (460-321140-2) in batch 460-1024117.

Ethylene Dibromide failed the recovery criteria high for the MSD of sample OB-27-022625MSD (460-321140-2) in batch 460-1024117.

Refer to the QC report for details.

No other difficulties were encountered during the VOA SIM analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS - SELECTED ION MODE (SIM) - ISOTOPE DILUTION - 1,4 DIOXANE
Samples OB-31-022625 (460-321140-1), OB-27-022625 (460-321140-2), OB-19-022625 (460-321140-3), RW-5-022625 (460-321140-4), DUP-02-022625 (460-321140-5), RW-14S-(135-153)-022625 (460-321140-6), RW-14D-(175-185)-022625 (460-321140-7), RW-3DS-(155-160)-022625 (460-321140-8), RW-3DD-(175-180)-022625 (460-321140-9), RW-3-(77-87)-022625 (460-321140-10), RW-11D-(262-267)-022625 (460-321140-11), RW-11S-(236-241)-022625 (460-321140-12), OB-17-022625 (460-321140-14), OB-16-022625 (460-321140-15), OB-14A-022625 (460-321140-16), OB-24-022625 (460-321140-17) and RW-16-022625 (460-321140-18) were analyzed for semivolatile organic compounds - Selected Ion Mode (SIM) - Isotope Dilution - 1,4 Dioxane in accordance with EPA SW-846 Method 8270E SIM 1,4Dioxane. The samples were prepared on 03/03/2025 and 03/05/2025 and analyzed on 03/03/2025, 03/04/2025 and 03/05/2025.

No difficulties were encountered during the 1,4 Dioxane analysis.

All quality control parameters were within the acceptance limits.

METALS DKQP (DISSOLVED)(ICP/MS)
Samples OB-31-022625 (460-321140-1), OB-27-022625 (460-321140-2), OB-19-022625 (460-321140-3), RW-5-022625 (460-321140-4), DUP-02-022625 (460-321140-5), RW-14S-(135-153)-022625 (460-321140-6), RW-14D-(175-185)-022625 (460-321140-7), RW-3DS-(155-160)-022625 (460-321140-8), RW-3DD-(175-180)-022625 (460-321140-9), RW-3-(77-87)-022625 (460-321140-10), RW-11D-(262-267)-022625 (460-321140-11), RW-11S-(236-241)-022625 (460-321140-12), OB-17-022625 (460-321140-14), OB-16-022625 (460-321140-15), OB-14A-022625 (460-321140-16), OB-24-022625 (460-321140-17) and RW-16-022625 (460-321140-18) were analyzed for Metals DKQP (Dissolved)(ICP/MS) in accordance with EPA SW-846 Method 6020B (DKQP). The samples were prepared and analyzed on 03/11/2025.

The following samples were not filtered and preserved within 15 minutes of sample collection in accordance with 40 CFR Part 136 Table II, Footnote 7, method 6020B. The samples were filtered prior to analysis at the laboratory.

No difficulties were encountered during the Metals DKQP (Dissolved)(ICP/MS) analysis.

All quality control parameters were within the acceptance limits.

METALS DKQP (TOTAL)(ICP/MS)
Samples OB-31-022625 (460-321140-1), OB-27-022625 (460-321140-2), OB-19-022625 (460-321140-3), RW-5-022625 (460-321140-4), DUP-02-022625 (460-321140-5), RW-14S-(135-153)-022625 (460-321140-6), RW-14D-(175-185)-022625 (460-321140-7), RW-3DS-(155-160)-022625 (460-321140-8), RW-3DD-(175-180)-022625 (460-321140-9), RW-3-(77-87)-022625

Job ID: 460-321140-1 (Continued)

(460-321140-10), RW-11D-(262-267)-022625 (460-321140-11), RW-11S-(236-241)-022625 (460-321140-12), OB-17-022625 (460-321140-14), OB-16-022625 (460-321140-15), OB-14A-022625 (460-321140-16), OB-24-022625 (460-321140-17) and RW-16-022625 (460-321140-18) were analyzed for Metals DKQP (Total)(ICP/MS) in accordance with EPA SW-846 Method 6020B (DKQP). The samples were prepared and analyzed on 03/11/2025 and 03/12/2025.

No difficulties were encountered during the Metals DKQP (Total)(ICP/MS) analysis.

All quality control parameters were within the acceptance limits.

Detection Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Client Sample ID: OB-31-022625 — Lab Sample ID: 460-321140-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.012	J	0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Chloroethane	2.4		1.0	0.32	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.68		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA
Arsenic	25.0		2.0	1.2	ug/L	1		6020B	Total Recoverable
Lead	0.61	J	1.2	0.42	ug/L	1		6020B	Total Recoverable

Client Sample ID: OB-27-022625 — Lab Sample ID: 460-321140-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.039		0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Chloroethane	52	F1	1.0	0.32	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.33	J	1.0	0.22	ug/L	1		8260D	Total/NA
Cyclohexane	1.3	F1	1.0	0.32	ug/L	1		8260D	Total/NA
Isopropylbenzene	2.4		1.0	0.34	ug/L	1		8260D	Total/NA
Methylcyclohexane	0.90	J	1.0	0.71	ug/L	1		8260D	Total/NA
1,4-Dioxane	3.4		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA
Arsenic	38.1		2.0	1.2	ug/L	1		6020B	Total Recoverable
Lead	0.60	J	1.2	0.42	ug/L	1		6020B	Total Recoverable

Client Sample ID: OB-19-022625 — Lab Sample ID: 460-321140-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.027	J	0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Benzene	0.96		0.45	0.070	ug/L	1		8260D	Total/NA
Chloroethane	5.1		1.0	0.32	ug/L	1		8260D	Total/NA
Isopropylbenzene	0.76	J	1.0	0.34	ug/L	1		8260D	Total/NA
1,4-Dioxane	2.3		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA
Lead	0.81	J	1.2	0.42	ug/L	1		6020B	Total Recoverable

Client Sample ID: RW-5-022625 — Lab Sample ID: 460-321140-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,4-Dioxane	4.9		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA
Arsenic	7.1		2.0	1.2	ug/L	1		6020B	Total Recoverable
Lead	2.1		1.2	0.42	ug/L	1		6020B	Total Recoverable
Arsenic	5.9		2.0	1.2	ug/L	1		6020B	Dissolved
Lead	0.51	J	1.2	0.42	ug/L	1		6020B	Dissolved

Client Sample ID: DUP-02-022625 — Lab Sample ID: 460-321140-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.028	J	0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Benzene	1.0		0.45	0.070	ug/L	1		8260D	Total/NA
Chloroethane	5.1		1.0	0.32	ug/L	1		8260D	Total/NA
Cyclohexane	0.58	J	1.0	0.32	ug/L	1		8260D	Total/NA
Isopropylbenzene	0.75	J	1.0	0.34	ug/L	1		8260D	Total/NA
1,4-Dioxane	2.2		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: DUP-02-022625 (Continued) — Lab Sample ID: 460-321140-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.70	J	1.2	0.42	ug/L	1		6020B	Total Recoverable

Client Sample ID: RW-14S-(135-153)-022625 — Lab Sample ID: 460-321140-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.014	J	0.035	0.0050	ug/L	1		8260D SIM	Total/NA

Client Sample ID: RW-14D-(175-185)-022625 — Lab Sample ID: 460-321140-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.047		0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Arsenic	1.2	J	2.0	1.2	ug/L	1		6020B	Total Recoverable
Arsenic	1.3	J	2.0	1.2	ug/L	1		6020B	Dissolved

Client Sample ID: RW-3DS-(155-160)-022625 — Lab Sample ID: 460-321140-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.053		0.035	0.0050	ug/L	1		8260D SIM	Total/NA
1,1-Dichloroethane	2.0		1.0	0.26	ug/L	1		8260D	Total/NA
Carbon disulfide	13		1.0	0.82	ug/L	1		8260D	Total/NA
Chloromethane	0.43	J	1.0	0.40	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.42	J *1	1.0	0.22	ug/L	1		8260D	Total/NA
1,4-Dioxane	13		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA
Arsenic	16.8		2.0	1.2	ug/L	1		6020B	Total Recoverable
Arsenic	13.0		2.0	1.2	ug/L	1		6020B	Dissolved

Client Sample ID: RW-3DD-(175-180)-022625 — Lab Sample ID: 460-321140-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.036		0.035	0.0050	ug/L	1		8260D SIM	Total/NA
1,1-Dichloroethane	1.3		1.0	0.26	ug/L	1		8260D	Total/NA
Carbon disulfide	2.2		1.0	0.82	ug/L	1		8260D	Total/NA
1,4-Dioxane	11		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA
Arsenic	5.8		2.0	1.2	ug/L	1		6020B	Total Recoverable
Lead	1.2		1.2	0.42	ug/L	1		6020B	Total Recoverable
Arsenic	6.3		2.0	1.2	ug/L	1		6020B	Dissolved

Client Sample ID: RW-3-(77-87)-022625 — Lab Sample ID: 460-321140-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.0092	J	0.035	0.0050	ug/L	1		8260D SIM	Total/NA
1,4-Dioxane	12		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA
Lead	1.3		1.2	0.42	ug/L	1		6020B	Total Recoverable

Client Sample ID: RW-11D-(262-267)-022625 — Lab Sample ID: 460-321140-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.023	J	0.035	0.0050	ug/L	1		8260D SIM	Total/NA
1,4-Dichlorobenzene	0.65	J	1.0	0.33	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Client Sample ID: RW-11D-(262-267)-022625 (Continued) — Lab Sample ID: 460-321140-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	11		0.45	0.070	ug/L	1		8260D	Total/NA
Carbon disulfide	10		1.0	0.82	ug/L	1		8260D	Total/NA
Chlorobenzene	5.0		1.0	0.38	ug/L	1		8260D	Total/NA
Cyclohexane	0.34	J	1.0	0.32	ug/L	1		8260D	Total/NA
Isopropylbenzene	1.1		1.0	0.34	ug/L	1		8260D	Total/NA
1,4-Dioxane	58		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA
Arsenic	1.2	J	2.0	1.2	ug/L	1		6020B	Total Recoverable

Client Sample ID: RW-11S-(236-241)-022625 — Lab Sample ID: 460-321140-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.31	J	0.45	0.070	ug/L	1		8260D	Total/NA
1,4-Dioxane	2.3		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA

Client Sample ID: Trip Blank-02-022625 — Lab Sample ID: 460-321140-13

No Detections.

Client Sample ID: OB-17-022625 — Lab Sample ID: 460-321140-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.39	J	1.0	0.26	ug/L	1		8260D	Total/NA
1,4-Dioxane	7.1		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA
Arsenic	1.2	J	2.0	1.2	ug/L	1		6020B	Total Recoverable

Client Sample ID: OB-16-022625 — Lab Sample ID: 460-321140-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.9		2.0	1.2	ug/L	1		6020B	Total Recoverable

Client Sample ID: OB-14A-022625 — Lab Sample ID: 460-321140-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.5	J	2.0	1.2	ug/L	1		6020B	Total Recoverable
Lead	1.8		1.2	0.42	ug/L	1		6020B	Total Recoverable

Client Sample ID: OB-24-022625 — Lab Sample ID: 460-321140-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.55	J *1	1.0	0.22	ug/L	1		8260D	Total/NA
Lead	0.47	J	1.2	0.42	ug/L	1		6020B	Total Recoverable

Client Sample ID: RW-16-022625 — Lab Sample ID: 460-321140-18

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Client Sample ID: OB-31-022625

Date Collected: 02/26/25 12:05
Date Received: 02/27/25 18:20

Lab Sample ID: 460-321140-1

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/04/25 13:52	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/04/25 13:52	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/04/25 13:52	1
Vinyl chloride	**0.012**	**J**	0.035	0.0050	ug/L			03/04/25 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*70 - 130*		*03/04/25 13:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/10/25 17:50	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/10/25 17:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/10/25 17:50	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/10/25 17:50	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/10/25 17:50	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/10/25 17:50	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/10/25 17:50	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/10/25 17:50	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/10/25 17:50	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/10/25 17:50	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/10/25 17:50	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/10/25 17:50	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/10/25 17:50	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/10/25 17:50	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/10/25 17:50	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/10/25 17:50	1
Acetone	4.4	U	5.0	4.4	ug/L			03/10/25 17:50	1
Benzene	0.070	U	0.45	0.070	ug/L			03/10/25 17:50	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/10/25 17:50	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/10/25 17:50	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/10/25 17:50	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/10/25 17:50	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/10/25 17:50	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/10/25 17:50	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/10/25 17:50	1
Chloroethane	**2.4**		1.0	0.32	ug/L			03/10/25 17:50	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/10/25 17:50	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/10/25 17:50	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/10/25 17:50	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/10/25 17:50	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/10/25 17:50	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/10/25 17:50	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/10/25 17:50	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/10/25 17:50	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/10/25 17:50	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/10/25 17:50	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/10/25 17:50	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/10/25 17:50	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/10/25 17:50	1
Styrene	0.42	U	1.0	0.42	ug/L			03/10/25 17:50	1

Client Sample ID: OB-31-022625
Lab Sample ID: 460-321140-1
Date Collected: 02/26/25 12:05
Matrix: Water
Date Received: 02/27/25 18:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/10/25 17:50	1
Toluene	0.38	U	1.0	0.38	ug/L			03/10/25 17:50	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/10/25 17:50	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/10/25 17:50	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/10/25 17:50	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/10/25 17:50	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/10/25 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*03/10/25 17:50*	*1*
4-Bromofluorobenzene	*108*		*70 - 130*		*03/10/25 17:50*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*03/10/25 17:50*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*03/10/25 17:50*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.68**		0.20	0.072	ug/L		03/03/25 09:29	03/03/25 23:06	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 150*	*03/03/25 09:29*	*03/03/25 23:06*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**25.0**		2.0	1.2	ug/L		03/11/25 11:01	03/11/25 19:11	1
Lead	**0.61**	**J**	1.2	0.42	ug/L		03/11/25 11:01	03/11/25 19:11	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:33	03/11/25 12:40	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:33	03/11/25 12:40	1

Client Sample ID: OB-27-022625
Lab Sample ID: 460-321140-2
Date Collected: 02/26/25 13:25
Matrix: Water
Date Received: 02/27/25 18:20

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/05/25 09:26	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/05/25 09:26	1
Ethylene Dibromide	0.0079	U F1	0.020	0.0079	ug/L			03/05/25 09:26	1
Vinyl chloride	**0.039**		0.035	0.0050	ug/L			03/05/25 09:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*03/05/25 09:26*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/10/25 18:38	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/10/25 18:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/10/25 18:38	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/10/25 18:38	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/10/25 18:38	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Client Sample ID: OB-27-022625
Date Collected: 02/26/25 13:25
Date Received: 02/27/25 18:20

Lab Sample ID: 460-321140-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/10/25 18:38	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/10/25 18:38	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/10/25 18:38	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/10/25 18:38	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/10/25 18:38	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/10/25 18:38	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/10/25 18:38	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/10/25 18:38	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/10/25 18:38	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/10/25 18:38	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/10/25 18:38	1
Acetone	4.4	U	5.0	4.4	ug/L			03/10/25 18:38	1
Benzene	0.070	U	0.45	0.070	ug/L			03/10/25 18:38	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/10/25 18:38	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/10/25 18:38	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/10/25 18:38	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/10/25 18:38	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/10/25 18:38	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/10/25 18:38	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/10/25 18:38	1
Chloroethane	**52**	**F1**	1.0	0.32	ug/L			03/10/25 18:38	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/10/25 18:38	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/10/25 18:38	1
cis-1,2-Dichloroethene	**0.33**	**J**	1.0	0.22	ug/L			03/10/25 18:38	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/10/25 18:38	1
Cyclohexane	**1.3**	**F1**	1.0	0.32	ug/L			03/10/25 18:38	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/10/25 18:38	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/10/25 18:38	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/10/25 18:38	1
Isopropylbenzene	**2.4**		1.0	0.34	ug/L			03/10/25 18:38	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/10/25 18:38	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/10/25 18:38	1
Methylcyclohexane	**0.90**	**J**	1.0	0.71	ug/L			03/10/25 18:38	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/10/25 18:38	1
Styrene	0.42	U	1.0	0.42	ug/L			03/10/25 18:38	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/10/25 18:38	1
Toluene	0.38	U	1.0	0.38	ug/L			03/10/25 18:38	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/10/25 18:38	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/10/25 18:38	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/10/25 18:38	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/10/25 18:38	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/10/25 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*03/10/25 18:38*	*1*
4-Bromofluorobenzene	*115*		*70 - 130*		*03/10/25 18:38*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*03/10/25 18:38*	*1*
Toluene-d8 (Surr)	*99*		*70 - 130*		*03/10/25 18:38*	*1*

Client Sample ID: OB-27-022625
Lab Sample ID: 460-321140-2
Date Collected: 02/26/25 13:25
Matrix: Water
Date Received: 02/27/25 18:20

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**3.4**		0.20	0.072	ug/L		03/03/25 09:29	03/03/25 21:33	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*26*		*10 - 150*	*03/03/25 09:29*	*03/03/25 21:33*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**38.1**		2.0	1.2	ug/L		03/11/25 11:01	03/11/25 18:56	1
Lead	**0.60**	**J**	1.2	0.42	ug/L		03/11/25 11:01	03/11/25 18:56	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:33	03/11/25 12:35	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:33	03/11/25 12:35	1

Client Sample ID: OB-19-022625
Lab Sample ID: 460-321140-3
Date Collected: 02/26/25 10:50
Matrix: Water
Date Received: 02/27/25 18:20

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/04/25 14:13	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/04/25 14:13	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/04/25 14:13	1
Vinyl chloride	**0.027**	**J**	0.035	0.0050	ug/L			03/04/25 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 130*		*03/04/25 14:13*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/10/25 17:26	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/10/25 17:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/10/25 17:26	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/10/25 17:26	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/10/25 17:26	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/10/25 17:26	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/10/25 17:26	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/10/25 17:26	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/10/25 17:26	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/10/25 17:26	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/10/25 17:26	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/10/25 17:26	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/10/25 17:26	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/10/25 17:26	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/10/25 17:26	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/10/25 17:26	1
Acetone	4.4	U	5.0	4.4	ug/L			03/10/25 17:26	1
Benzene	**0.96**		0.45	0.070	ug/L			03/10/25 17:26	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/10/25 17:26	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/10/25 17:26	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/10/25 17:26	1

Client Sample ID: OB-19-022625

Date Collected: 02/26/25 10:50
Date Received: 02/27/25 18:20

Lab Sample ID: 460-321140-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/10/25 17:26	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/10/25 17:26	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/10/25 17:26	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/10/25 17:26	1
Chloroethane	**5.1**		1.0	0.32	ug/L			03/10/25 17:26	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/10/25 17:26	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/10/25 17:26	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/10/25 17:26	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/10/25 17:26	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/10/25 17:26	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/10/25 17:26	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/10/25 17:26	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/10/25 17:26	1
Isopropylbenzene	**0.76**	**J**	1.0	0.34	ug/L			03/10/25 17:26	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/10/25 17:26	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/10/25 17:26	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/10/25 17:26	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/10/25 17:26	1
Styrene	0.42	U	1.0	0.42	ug/L			03/10/25 17:26	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/10/25 17:26	1
Toluene	0.38	U	1.0	0.38	ug/L			03/10/25 17:26	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/10/25 17:26	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/10/25 17:26	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/10/25 17:26	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/10/25 17:26	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/10/25 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*03/10/25 17:26*	*1*
4-Bromofluorobenzene	*109*		*70 - 130*		*03/10/25 17:26*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*03/10/25 17:26*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*03/10/25 17:26*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.3**		0.20	0.072	ug/L		03/03/25 09:29	03/03/25 23:22	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*26*		*10 - 150*	*03/03/25 09:29*	*03/03/25 23:22*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 11:01	03/11/25 19:14	1
Lead	**0.81**	**J**	1.2	0.42	ug/L		03/11/25 11:01	03/11/25 19:14	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:33	03/11/25 12:43	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:33	03/11/25 12:43	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Client Sample ID: RW-5-022625

Date Collected: 02/26/25 09:55
Date Received: 02/27/25 18:20

Lab Sample ID: 460-321140-4

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/04/25 14:35	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/04/25 14:35	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/04/25 14:35	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/04/25 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*03/04/25 14:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/10/25 17:01	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/10/25 17:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/10/25 17:01	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/10/25 17:01	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/10/25 17:01	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/10/25 17:01	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/10/25 17:01	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/10/25 17:01	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/10/25 17:01	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/10/25 17:01	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/10/25 17:01	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/10/25 17:01	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/10/25 17:01	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/10/25 17:01	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/10/25 17:01	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/10/25 17:01	1
Acetone	4.4	U	5.0	4.4	ug/L			03/10/25 17:01	1
Benzene	0.070	U	0.45	0.070	ug/L			03/10/25 17:01	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/10/25 17:01	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/10/25 17:01	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/10/25 17:01	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/10/25 17:01	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/10/25 17:01	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/10/25 17:01	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/10/25 17:01	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/10/25 17:01	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/10/25 17:01	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/10/25 17:01	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/10/25 17:01	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/10/25 17:01	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/10/25 17:01	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/10/25 17:01	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/10/25 17:01	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/10/25 17:01	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/10/25 17:01	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/10/25 17:01	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/10/25 17:01	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/10/25 17:01	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/10/25 17:01	1
Styrene	0.42	U	1.0	0.42	ug/L			03/10/25 17:01	1

Client Sample ID: RW-5-022625
Date Collected: 02/26/25 09:55
Date Received: 02/27/25 18:20

Lab Sample ID: 460-321140-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/10/25 17:01	1
Toluene	0.38	U	1.0	0.38	ug/L			03/10/25 17:01	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/10/25 17:01	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/10/25 17:01	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/10/25 17:01	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/10/25 17:01	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/10/25 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*		*03/10/25 17:01*	*1*
4-Bromofluorobenzene	*107*		*70 - 130*		*03/10/25 17:01*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*		*03/10/25 17:01*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*03/10/25 17:01*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.9**		0.20	0.072	ug/L		03/03/25 09:29	03/03/25 23:38	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*28*		*10 - 150*	*03/03/25 09:29*	*03/03/25 23:38*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.1**		2.0	1.2	ug/L		03/11/25 11:01	03/11/25 19:17	1
Lead	**2.1**		1.2	0.42	ug/L		03/11/25 11:01	03/11/25 19:17	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**5.9**		2.0	1.2	ug/L		03/11/25 10:33	03/11/25 12:45	1
Lead	**0.51**	**J**	1.2	0.42	ug/L		03/11/25 10:33	03/11/25 12:45	1

Client Sample ID: DUP-02-022625
Date Collected: 02/26/25 12:00
Date Received: 02/27/25 18:20

Lab Sample ID: 460-321140-5
Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/04/25 14:56	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/04/25 14:56	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/04/25 14:56	1
Vinyl chloride	**0.028**	**J**	0.035	0.0050	ug/L			03/04/25 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*70 - 130*		*03/04/25 14:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/10/25 18:14	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/10/25 18:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/10/25 18:14	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/10/25 18:14	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/10/25 18:14	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Client Sample ID: DUP-02-022625

Date Collected: 02/26/25 12:00
Date Received: 02/27/25 18:20

Lab Sample ID: 460-321140-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/10/25 18:14	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/10/25 18:14	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/10/25 18:14	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/10/25 18:14	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/10/25 18:14	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/10/25 18:14	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/10/25 18:14	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/10/25 18:14	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/10/25 18:14	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/10/25 18:14	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/10/25 18:14	1
Acetone	4.4	U	5.0	4.4	ug/L			03/10/25 18:14	1
Benzene	**1.0**		0.45	0.070	ug/L			03/10/25 18:14	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/10/25 18:14	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/10/25 18:14	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/10/25 18:14	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/10/25 18:14	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/10/25 18:14	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/10/25 18:14	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/10/25 18:14	1
Chloroethane	**5.1**		1.0	0.32	ug/L			03/10/25 18:14	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/10/25 18:14	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/10/25 18:14	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/10/25 18:14	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/10/25 18:14	1
Cyclohexane	**0.58**	**J**	1.0	0.32	ug/L			03/10/25 18:14	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/10/25 18:14	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/10/25 18:14	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/10/25 18:14	1
Isopropylbenzene	**0.75**	**J**	1.0	0.34	ug/L			03/10/25 18:14	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/10/25 18:14	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/10/25 18:14	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/10/25 18:14	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/10/25 18:14	1
Styrene	0.42	U	1.0	0.42	ug/L			03/10/25 18:14	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/10/25 18:14	1
Toluene	0.38	U	1.0	0.38	ug/L			03/10/25 18:14	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/10/25 18:14	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/10/25 18:14	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/10/25 18:14	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/10/25 18:14	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/10/25 18:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*		*03/10/25 18:14*	*1*
4-Bromofluorobenzene	*109*		*70 - 130*		*03/10/25 18:14*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*03/10/25 18:14*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*03/10/25 18:14*	*1*

Client Sample ID: DUP-02-022625
Lab Sample ID: 460-321140-5
Date Collected: 02/26/25 12:00
Matrix: Water
Date Received: 02/27/25 18:20

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**2.2**		0.20	0.072	ug/L		03/03/25 09:29	03/03/25 23:53	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*33*		*10 - 150*	*03/03/25 09:29*	*03/03/25 23:53*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 11:01	03/11/25 19:19	1
Lead	**0.70**	**J**	1.2	0.42	ug/L		03/11/25 11:01	03/11/25 19:19	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:33	03/11/25 12:53	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:33	03/11/25 12:53	1

Client Sample ID: RW-14S-(135-153)-022625
Lab Sample ID: 460-321140-6
Date Collected: 02/26/25 11:20
Matrix: Water
Date Received: 02/27/25 18:20

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/04/25 15:18	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/04/25 15:18	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/04/25 15:18	1
Vinyl chloride	**0.014**	**J**	0.035	0.0050	ug/L			03/04/25 15:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*03/04/25 15:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/08/25 02:10	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/08/25 02:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U *1	1.0	0.31	ug/L			03/08/25 02:10	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/08/25 02:10	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/08/25 02:10	1
1,1-Dichloroethene	0.26	U *1	1.0	0.26	ug/L			03/08/25 02:10	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/08/25 02:10	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/08/25 02:10	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/25 02:10	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/08/25 02:10	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/08/25 02:10	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/08/25 02:10	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/08/25 02:10	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/08/25 02:10	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/08/25 02:10	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/08/25 02:10	1
Acetone	4.4	U	5.0	4.4	ug/L			03/08/25 02:10	1
Benzene	0.070	U	0.45	0.070	ug/L			03/08/25 02:10	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/08/25 02:10	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/08/25 02:10	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/08/25 02:10	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Client Sample ID: RW-14S-(135-153)-022625
Date Collected: 02/26/25 11:20
Date Received: 02/27/25 18:20

Lab Sample ID: 460-321140-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/08/25 02:10	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/08/25 02:10	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/08/25 02:10	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/08/25 02:10	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/08/25 02:10	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/08/25 02:10	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/08/25 02:10	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/08/25 02:10	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/08/25 02:10	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/08/25 02:10	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/08/25 02:10	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/25 02:10	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/08/25 02:10	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/08/25 02:10	1
Methyl acetate	0.79	U *+ *1	5.0	0.79	ug/L			03/08/25 02:10	1
Methyl tert-butyl ether	0.22	U *1	1.0	0.22	ug/L			03/08/25 02:10	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/08/25 02:10	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/08/25 02:10	1
Styrene	0.42	U	1.0	0.42	ug/L			03/08/25 02:10	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/08/25 02:10	1
Toluene	0.38	U	1.0	0.38	ug/L			03/08/25 02:10	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/08/25 02:10	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/08/25 02:10	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/08/25 02:10	1
Trichlorofluoromethane	0.32	U *1	1.0	0.32	ug/L			03/08/25 02:10	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/08/25 02:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*03/08/25 02:10*	*1*
4-Bromofluorobenzene	*111*		*70 - 130*		*03/08/25 02:10*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*03/08/25 02:10*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*03/08/25 02:10*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/03/25 09:29	03/04/25 00:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*28*		*10 - 150*	*03/03/25 09:29*	*03/04/25 00:09*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 11:01	03/11/25 19:22	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 11:01	03/11/25 19:22	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:33	03/11/25 12:56	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:33	03/11/25 12:56	1

Client Sample ID: RW-14D-(175-185)-022625
Lab Sample ID: 460-321140-7

Date Collected: 02/26/25 11:45
Matrix: Water
Date Received: 02/27/25 18:20

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/05/25 09:48	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/05/25 09:48	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/05/25 09:48	1
Vinyl chloride	**0.047**		0.035	0.0050	ug/L			03/05/25 09:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*03/05/25 09:48*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/08/25 02:34	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/08/25 02:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U *1	1.0	0.31	ug/L			03/08/25 02:34	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/08/25 02:34	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/08/25 02:34	1
1,1-Dichloroethene	0.26	U *1	1.0	0.26	ug/L			03/08/25 02:34	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/08/25 02:34	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/08/25 02:34	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/25 02:34	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/08/25 02:34	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/08/25 02:34	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/08/25 02:34	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/08/25 02:34	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/08/25 02:34	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/08/25 02:34	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/08/25 02:34	1
Acetone	4.4	U	5.0	4.4	ug/L			03/08/25 02:34	1
Benzene	0.070	U	0.45	0.070	ug/L			03/08/25 02:34	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/08/25 02:34	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/08/25 02:34	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/08/25 02:34	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/08/25 02:34	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/08/25 02:34	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/08/25 02:34	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/08/25 02:34	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/08/25 02:34	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/08/25 02:34	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/08/25 02:34	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/08/25 02:34	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/08/25 02:34	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/08/25 02:34	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/08/25 02:34	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/25 02:34	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/08/25 02:34	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/08/25 02:34	1
Methyl acetate	0.79	U *+ *1	5.0	0.79	ug/L			03/08/25 02:34	1
Methyl tert-butyl ether	0.22	U *1	1.0	0.22	ug/L			03/08/25 02:34	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/08/25 02:34	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/08/25 02:34	1
Styrene	0.42	U	1.0	0.42	ug/L			03/08/25 02:34	1

Client Sample ID: RW-14D-(175-185)-022625
Lab Sample ID: 460-321140-7
Date Collected: 02/26/25 11:45
Matrix: Water
Date Received: 02/27/25 18:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/08/25 02:34	1
Toluene	0.38	U	1.0	0.38	ug/L			03/08/25 02:34	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/08/25 02:34	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/08/25 02:34	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/08/25 02:34	1
Trichlorofluoromethane	0.32	U *1	1.0	0.32	ug/L			03/08/25 02:34	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/08/25 02:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*70 - 130*		*03/08/25 02:34*	*1*
4-Bromofluorobenzene	*113*		*70 - 130*		*03/08/25 02:34*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*		*03/08/25 02:34*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*03/08/25 02:34*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/03/25 09:29	03/04/25 00:25	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*31*		*10 - 150*	*03/03/25 09:29*	*03/04/25 00:25*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.2**	**J**	2.0	1.2	ug/L		03/11/25 11:01	03/11/25 19:24	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 11:01	03/11/25 19:24	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.3**	**J**	2.0	1.2	ug/L		03/11/25 10:33	03/11/25 12:58	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:33	03/11/25 12:58	1

Client Sample ID: RW-3DS-(155-160)-022625
Lab Sample ID: 460-321140-8
Date Collected: 02/26/25 12:15
Matrix: Water
Date Received: 02/27/25 18:20

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/05/25 10:09	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/05/25 10:09	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/05/25 10:09	1
Vinyl chloride	**0.053**		0.035	0.0050	ug/L			03/05/25 10:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*03/05/25 10:09*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/08/25 02:59	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/08/25 02:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U *1	1.0	0.31	ug/L			03/08/25 02:59	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/08/25 02:59	1
1,1-Dichloroethane	**2.0**		1.0	0.26	ug/L			03/08/25 02:59	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Client Sample ID: RW-3DS-(155-160)-022625
Date Collected: 02/26/25 12:15
Date Received: 02/27/25 18:20

Lab Sample ID: 460-321140-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.26	U *1	1.0	0.26	ug/L			03/08/25 02:59	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/08/25 02:59	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/08/25 02:59	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/25 02:59	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/08/25 02:59	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/08/25 02:59	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/08/25 02:59	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/08/25 02:59	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/08/25 02:59	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/08/25 02:59	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/08/25 02:59	1
Acetone	4.4	U	5.0	4.4	ug/L			03/08/25 02:59	1
Benzene	0.070	U	0.45	0.070	ug/L			03/08/25 02:59	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/08/25 02:59	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/08/25 02:59	1
Carbon disulfide	**13**		1.0	0.82	ug/L			03/08/25 02:59	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/08/25 02:59	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/08/25 02:59	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/08/25 02:59	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/08/25 02:59	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/08/25 02:59	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/08/25 02:59	1
Chloromethane	**0.43**	**J**	1.0	0.40	ug/L			03/08/25 02:59	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/08/25 02:59	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/08/25 02:59	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/08/25 02:59	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/08/25 02:59	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/25 02:59	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/08/25 02:59	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/08/25 02:59	1
Methyl acetate	0.79	U *+ *1	5.0	0.79	ug/L			03/08/25 02:59	1
Methyl tert-butyl ether	**0.42**	**J *1**	1.0	0.22	ug/L			03/08/25 02:59	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/08/25 02:59	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/08/25 02:59	1
Styrene	0.42	U	1.0	0.42	ug/L			03/08/25 02:59	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/08/25 02:59	1
Toluene	0.38	U	1.0	0.38	ug/L			03/08/25 02:59	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/08/25 02:59	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/08/25 02:59	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/08/25 02:59	1
Trichlorofluoromethane	0.32	U *1	1.0	0.32	ug/L			03/08/25 02:59	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/08/25 02:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*03/08/25 02:59*	*1*
4-Bromofluorobenzene	*106*		*70 - 130*		*03/08/25 02:59*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*03/08/25 02:59*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*03/08/25 02:59*	*1*

Client Sample ID: RW-3DS-(155-160)-022625
Lab Sample ID: 460-321140-8
Date Collected: 02/26/25 12:15
Matrix: Water
Date Received: 02/27/25 18:20

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**13**		0.20	0.072	ug/L		03/03/25 09:29	03/04/25 00:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*35*		*10 - 150*	*03/03/25 09:29*	*03/04/25 00:40*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16.8**		2.0	1.2	ug/L		03/11/25 11:01	03/11/25 19:27	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 11:01	03/11/25 19:27	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13.0**		2.0	1.2	ug/L		03/11/25 10:33	03/11/25 13:01	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:33	03/11/25 13:01	1

Client Sample ID: RW-3DD-(175-180)-022625
Lab Sample ID: 460-321140-9
Date Collected: 02/26/25 12:40
Matrix: Water
Date Received: 02/27/25 18:20

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/05/25 10:31	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/05/25 10:31	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/05/25 10:31	1
Vinyl chloride	**0.036**		0.035	0.0050	ug/L			03/05/25 10:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*03/05/25 10:31*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/08/25 03:23	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/08/25 03:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U *1	1.0	0.31	ug/L			03/08/25 03:23	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/08/25 03:23	1
1,1-Dichloroethane	**1.3**		1.0	0.26	ug/L			03/08/25 03:23	1
1,1-Dichloroethene	0.26	U *1	1.0	0.26	ug/L			03/08/25 03:23	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/08/25 03:23	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/08/25 03:23	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/25 03:23	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/08/25 03:23	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/08/25 03:23	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/08/25 03:23	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/08/25 03:23	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/08/25 03:23	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/08/25 03:23	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/08/25 03:23	1
Acetone	4.4	U	5.0	4.4	ug/L			03/08/25 03:23	1
Benzene	0.070	U	0.45	0.070	ug/L			03/08/25 03:23	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/08/25 03:23	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/08/25 03:23	1
Carbon disulfide	**2.2**		1.0	0.82	ug/L			03/08/25 03:23	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Client Sample ID: RW-3DD-(175-180)-022625
Date Collected: 02/26/25 12:40
Date Received: 02/27/25 18:20

Lab Sample ID: 460-321140-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/08/25 03:23	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/08/25 03:23	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/08/25 03:23	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/08/25 03:23	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/08/25 03:23	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/08/25 03:23	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/08/25 03:23	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/08/25 03:23	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/08/25 03:23	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/08/25 03:23	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/08/25 03:23	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/25 03:23	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/08/25 03:23	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/08/25 03:23	1
Methyl acetate	0.79	U *+ *1	5.0	0.79	ug/L			03/08/25 03:23	1
Methyl tert-butyl ether	0.22	U *1	1.0	0.22	ug/L			03/08/25 03:23	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/08/25 03:23	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/08/25 03:23	1
Styrene	0.42	U	1.0	0.42	ug/L			03/08/25 03:23	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/08/25 03:23	1
Toluene	0.38	U	1.0	0.38	ug/L			03/08/25 03:23	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/08/25 03:23	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/08/25 03:23	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/08/25 03:23	1
Trichlorofluoromethane	0.32	U *1	1.0	0.32	ug/L			03/08/25 03:23	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/08/25 03:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 130*		*03/08/25 03:23*	*1*
4-Bromofluorobenzene	*110*		*70 - 130*		*03/08/25 03:23*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*03/08/25 03:23*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*03/08/25 03:23*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**11**		0.20	0.072	ug/L		03/03/25 09:29	03/04/25 00:56	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*33*		*10 - 150*	*03/03/25 09:29*	*03/04/25 00:56*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**5.8**		2.0	1.2	ug/L		03/11/25 11:01	03/11/25 19:30	1
Lead	**1.2**		1.2	0.42	ug/L		03/11/25 11:01	03/11/25 19:30	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**6.3**		2.0	1.2	ug/L		03/11/25 10:33	03/11/25 13:03	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:33	03/11/25 13:03	1

Client Sample ID: RW-3-(77-87)-022625
Lab Sample ID: 460-321140-10

Date Collected: 02/26/25 13:20
Matrix: Water
Date Received: 02/27/25 18:20

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/05/25 10:52	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/05/25 10:52	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/05/25 10:52	1
Vinyl chloride	**0.0092**	**J**	0.035	0.0050	ug/L			03/05/25 10:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/05/25 10:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/08/25 03:48	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/08/25 03:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U *1	1.0	0.31	ug/L			03/08/25 03:48	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/08/25 03:48	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/08/25 03:48	1
1,1-Dichloroethene	0.26	U *1	1.0	0.26	ug/L			03/08/25 03:48	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/08/25 03:48	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/08/25 03:48	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/25 03:48	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/08/25 03:48	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/08/25 03:48	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/08/25 03:48	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/08/25 03:48	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/08/25 03:48	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/08/25 03:48	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/08/25 03:48	1
Acetone	4.4	U	5.0	4.4	ug/L			03/08/25 03:48	1
Benzene	0.070	U	0.45	0.070	ug/L			03/08/25 03:48	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/08/25 03:48	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/08/25 03:48	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/08/25 03:48	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/08/25 03:48	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/08/25 03:48	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/08/25 03:48	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/08/25 03:48	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/08/25 03:48	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/08/25 03:48	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/08/25 03:48	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/08/25 03:48	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/08/25 03:48	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/08/25 03:48	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/08/25 03:48	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/25 03:48	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/08/25 03:48	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/08/25 03:48	1
Methyl acetate	0.79	U *+ *1	5.0	0.79	ug/L			03/08/25 03:48	1
Methyl tert-butyl ether	0.22	U *1	1.0	0.22	ug/L			03/08/25 03:48	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/08/25 03:48	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/08/25 03:48	1
Styrene	0.42	U	1.0	0.42	ug/L			03/08/25 03:48	1

Client Sample ID: RW-3-(77-87)-022625
Lab Sample ID: 460-321140-10
Date Collected: 02/26/25 13:20
Matrix: Water
Date Received: 02/27/25 18:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/08/25 03:48	1
Toluene	0.38	U	1.0	0.38	ug/L			03/08/25 03:48	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/08/25 03:48	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/08/25 03:48	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/08/25 03:48	1
Trichlorofluoromethane	0.32	U *1	1.0	0.32	ug/L			03/08/25 03:48	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/08/25 03:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 130*		*03/08/25 03:48*	*1*
4-Bromofluorobenzene	*108*		*70 - 130*		*03/08/25 03:48*	*1*
Dibromofluoromethane (Surr)	*109*		*70 - 130*		*03/08/25 03:48*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*03/08/25 03:48*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**12**		0.20	0.072	ug/L		03/03/25 09:29	03/04/25 01:12	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*34*		*10 - 150*	*03/03/25 09:29*	*03/04/25 01:12*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 11:01	03/11/25 19:37	1
Lead	**1.3**		1.2	0.42	ug/L		03/11/25 11:01	03/12/25 18:55	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:33	03/11/25 13:06	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:33	03/11/25 13:06	1

Client Sample ID: RW-11D-(262-267)-022625
Lab Sample ID: 460-321140-11
Date Collected: 02/26/25 14:15
Matrix: Water
Date Received: 02/27/25 18:20

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/05/25 11:14	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/05/25 11:14	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/05/25 11:14	1
Vinyl chloride	**0.023**	**J**	0.035	0.0050	ug/L			03/05/25 11:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/05/25 11:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/08/25 04:12	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/08/25 04:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U *1	1.0	0.31	ug/L			03/08/25 04:12	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/08/25 04:12	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/08/25 04:12	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Client Sample ID: RW-11D-(262-267)-022625
Date Collected: 02/26/25 14:15
Date Received: 02/27/25 18:20

Lab Sample ID: 460-321140-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.26	U *1	1.0	0.26	ug/L			03/08/25 04:12	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/08/25 04:12	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/08/25 04:12	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/25 04:12	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/08/25 04:12	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/08/25 04:12	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/08/25 04:12	1
1,4-Dichlorobenzene	**0.65**	**J**	1.0	0.33	ug/L			03/08/25 04:12	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/08/25 04:12	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/08/25 04:12	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/08/25 04:12	1
Acetone	4.4	U	5.0	4.4	ug/L			03/08/25 04:12	1
Benzene	**11**		0.45	0.070	ug/L			03/08/25 04:12	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/08/25 04:12	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/08/25 04:12	1
Carbon disulfide	**10**		1.0	0.82	ug/L			03/08/25 04:12	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/08/25 04:12	1
Chlorobenzene	**5.0**		1.0	0.38	ug/L			03/08/25 04:12	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/08/25 04:12	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/08/25 04:12	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/08/25 04:12	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/08/25 04:12	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/08/25 04:12	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/08/25 04:12	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/08/25 04:12	1
Cyclohexane	**0.34**	**J**	1.0	0.32	ug/L			03/08/25 04:12	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/08/25 04:12	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/25 04:12	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/08/25 04:12	1
Isopropylbenzene	**1.1**		1.0	0.34	ug/L			03/08/25 04:12	1
Methyl acetate	0.79	U *+ *1	5.0	0.79	ug/L			03/08/25 04:12	1
Methyl tert-butyl ether	0.22	U *1	1.0	0.22	ug/L			03/08/25 04:12	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/08/25 04:12	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/08/25 04:12	1
Styrene	0.42	U	1.0	0.42	ug/L			03/08/25 04:12	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/08/25 04:12	1
Toluene	0.38	U	1.0	0.38	ug/L			03/08/25 04:12	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/08/25 04:12	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/08/25 04:12	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/08/25 04:12	1
Trichlorofluoromethane	0.32	U *1	1.0	0.32	ug/L			03/08/25 04:12	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/08/25 04:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 130*		*03/08/25 04:12*	*1*
4-Bromofluorobenzene	*113*		*70 - 130*		*03/08/25 04:12*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*03/08/25 04:12*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*03/08/25 04:12*	*1*

Client Sample ID: RW-11D-(262-267)-022625
Lab Sample ID: 460-321140-11
Date Collected: 02/26/25 14:15
Matrix: Water
Date Received: 02/27/25 18:20

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	58		0.20	0.072	ug/L		03/05/25 08:40	03/05/25 21:49	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*41*		*10 - 150*	*03/05/25 08:40*	*03/05/25 21:49*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	J	2.0	1.2	ug/L		03/11/25 11:01	03/11/25 19:40	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 11:01	03/12/25 18:57	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:33	03/11/25 13:09	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:33	03/11/25 13:09	1

Client Sample ID: RW-11S-(236-241)-022625
Lab Sample ID: 460-321140-12
Date Collected: 02/26/25 14:45
Matrix: Water
Date Received: 02/27/25 18:20

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/05/25 11:36	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/05/25 11:36	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/05/25 11:36	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/05/25 11:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*107*		*70 - 130*		*03/05/25 11:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/08/25 04:36	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/08/25 04:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U *1	1.0	0.31	ug/L			03/08/25 04:36	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/08/25 04:36	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/08/25 04:36	1
1,1-Dichloroethene	0.26	U *1	1.0	0.26	ug/L			03/08/25 04:36	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/08/25 04:36	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/08/25 04:36	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/25 04:36	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/08/25 04:36	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/08/25 04:36	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/08/25 04:36	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/08/25 04:36	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/08/25 04:36	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/08/25 04:36	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/08/25 04:36	1
Acetone	4.4	U	5.0	4.4	ug/L			03/08/25 04:36	1
Benzene	0.31	J	0.45	0.070	ug/L			03/08/25 04:36	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/08/25 04:36	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/08/25 04:36	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/08/25 04:36	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Client Sample ID: RW-11S-(236-241)-022625
Date Collected: 02/26/25 14:45
Date Received: 02/27/25 18:20

Lab Sample ID: 460-321140-12
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/08/25 04:36	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/08/25 04:36	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/08/25 04:36	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/08/25 04:36	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/08/25 04:36	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/08/25 04:36	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/08/25 04:36	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/08/25 04:36	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/08/25 04:36	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/08/25 04:36	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/08/25 04:36	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/25 04:36	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/08/25 04:36	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/08/25 04:36	1
Methyl acetate	0.79	U *+ *1	5.0	0.79	ug/L			03/08/25 04:36	1
Methyl tert-butyl ether	0.22	U *1	1.0	0.22	ug/L			03/08/25 04:36	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/08/25 04:36	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/08/25 04:36	1
Styrene	0.42	U	1.0	0.42	ug/L			03/08/25 04:36	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/08/25 04:36	1
Toluene	0.38	U	1.0	0.38	ug/L			03/08/25 04:36	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/08/25 04:36	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/08/25 04:36	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/08/25 04:36	1
Trichlorofluoromethane	0.32	U *1	1.0	0.32	ug/L			03/08/25 04:36	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/08/25 04:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*79*		*70 - 130*		*03/08/25 04:36*	*1*
4-Bromofluorobenzene	*109*		*70 - 130*		*03/08/25 04:36*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*03/08/25 04:36*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*03/08/25 04:36*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	2.3		0.20	0.072	ug/L		03/05/25 08:40	03/05/25 22:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*39*		*10 - 150*	*03/05/25 08:40*	*03/05/25 22:05*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 11:01	03/11/25 19:43	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 11:01	03/12/25 19:00	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:33	03/11/25 13:11	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:33	03/11/25 13:11	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Client Sample ID: Trip Blank-02-022625

Lab Sample ID: 460-321140-13

Date Collected: 02/26/25 00:00

Matrix: Water

Date Received: 02/27/25 18:20

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/05/25 09:04	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/05/25 09:04	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/05/25 09:04	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/05/25 09:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/05/25 09:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 23:44	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 23:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U *1	1.0	0.31	ug/L			03/07/25 23:44	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 23:44	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 23:44	1
1,1-Dichloroethene	0.26	U *1	1.0	0.26	ug/L			03/07/25 23:44	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 23:44	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 23:44	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 23:44	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 23:44	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 23:44	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 23:44	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 23:44	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 23:44	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 23:44	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 23:44	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 23:44	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 23:44	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 23:44	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/07/25 23:44	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 23:44	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 23:44	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 23:44	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 23:44	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 23:44	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/07/25 23:44	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 23:44	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 23:44	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 23:44	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 23:44	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 23:44	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 23:44	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 23:44	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 23:44	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 23:44	1
Methyl acetate	0.79	U *+ *1	5.0	0.79	ug/L			03/07/25 23:44	1
Methyl tert-butyl ether	0.22	U *1	1.0	0.22	ug/L			03/07/25 23:44	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 23:44	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 23:44	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 23:44	1

Client Sample ID: Trip Blank-02-022625
Lab Sample ID: 460-321140-13
Date Collected: 02/26/25 00:00
Matrix: Water
Date Received: 02/27/25 18:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 23:44	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 23:44	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 23:44	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 23:44	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 23:44	1
Trichlorofluoromethane	0.32	U *1	1.0	0.32	ug/L			03/07/25 23:44	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 23:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 130*		*03/07/25 23:44*	*1*
4-Bromofluorobenzene	*109*		*70 - 130*		*03/07/25 23:44*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*03/07/25 23:44*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/07/25 23:44*	*1*

Client Sample ID: OB-17-022625
Lab Sample ID: 460-321140-14
Date Collected: 02/26/25 09:50
Matrix: Water
Date Received: 02/27/25 18:20

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/05/25 11:57	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/05/25 11:57	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/05/25 11:57	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/05/25 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/05/25 11:57*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/08/25 05:00	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/08/25 05:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U *1	1.0	0.31	ug/L			03/08/25 05:00	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/08/25 05:00	1
1,1-Dichloroethane	**0.39**	**J**	1.0	0.26	ug/L			03/08/25 05:00	1
1,1-Dichloroethene	0.26	U *1	1.0	0.26	ug/L			03/08/25 05:00	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/08/25 05:00	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/08/25 05:00	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/25 05:00	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/08/25 05:00	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/08/25 05:00	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/08/25 05:00	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/08/25 05:00	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/08/25 05:00	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/08/25 05:00	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/08/25 05:00	1
Acetone	4.4	U	5.0	4.4	ug/L			03/08/25 05:00	1
Benzene	0.070	U	0.45	0.070	ug/L			03/08/25 05:00	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/08/25 05:00	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/08/25 05:00	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/08/25 05:00	1

Client Sample ID: OB-17-022625
Lab Sample ID: 460-321140-14
Date Collected: 02/26/25 09:50
Matrix: Water
Date Received: 02/27/25 18:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/08/25 05:00	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/08/25 05:00	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/08/25 05:00	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/08/25 05:00	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/08/25 05:00	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/08/25 05:00	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/08/25 05:00	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/08/25 05:00	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/08/25 05:00	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/08/25 05:00	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/08/25 05:00	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/25 05:00	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/08/25 05:00	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/08/25 05:00	1
Methyl acetate	0.79	U *+ *1	5.0	0.79	ug/L			03/08/25 05:00	1
Methyl tert-butyl ether	0.22	U *1	1.0	0.22	ug/L			03/08/25 05:00	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/08/25 05:00	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/08/25 05:00	1
Styrene	0.42	U	1.0	0.42	ug/L			03/08/25 05:00	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/08/25 05:00	1
Toluene	0.38	U	1.0	0.38	ug/L			03/08/25 05:00	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/08/25 05:00	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/08/25 05:00	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/08/25 05:00	1
Trichlorofluoromethane	0.32	U *1	1.0	0.32	ug/L			03/08/25 05:00	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/08/25 05:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*70 - 130*		*03/08/25 05:00*	*1*
4-Bromofluorobenzene	*108*		*70 - 130*		*03/08/25 05:00*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*03/08/25 05:00*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*03/08/25 05:00*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**7.1**		0.20	0.072	ug/L		03/05/25 08:40	03/05/25 22:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*41*		*10 - 150*	*03/05/25 08:40*	*03/05/25 22:40*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.2**	**J**	2.0	1.2	ug/L		03/11/25 11:01	03/11/25 19:45	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 11:01	03/12/25 19:03	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:33	03/11/25 13:14	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:33	03/11/25 13:14	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Client Sample ID: OB-16-022625

Date Collected: 02/26/25 11:10
Date Received: 02/27/25 18:20

Lab Sample ID: 460-321140-15

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/05/25 12:19	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/05/25 12:19	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/05/25 12:19	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/05/25 12:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/05/25 12:19*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/08/25 05:25	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/08/25 05:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U *1	1.0	0.31	ug/L			03/08/25 05:25	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/08/25 05:25	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/08/25 05:25	1
1,1-Dichloroethene	0.26	U *1	1.0	0.26	ug/L			03/08/25 05:25	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/08/25 05:25	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/08/25 05:25	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/25 05:25	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/08/25 05:25	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/08/25 05:25	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/08/25 05:25	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/08/25 05:25	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/08/25 05:25	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/08/25 05:25	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/08/25 05:25	1
Acetone	4.4	U	5.0	4.4	ug/L			03/08/25 05:25	1
Benzene	0.070	U	0.45	0.070	ug/L			03/08/25 05:25	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/08/25 05:25	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/08/25 05:25	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/08/25 05:25	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/08/25 05:25	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/08/25 05:25	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/08/25 05:25	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/08/25 05:25	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/08/25 05:25	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/08/25 05:25	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/08/25 05:25	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/08/25 05:25	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/08/25 05:25	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/08/25 05:25	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/08/25 05:25	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/25 05:25	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/08/25 05:25	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/08/25 05:25	1
Methyl acetate	0.79	U *+ *1	5.0	0.79	ug/L			03/08/25 05:25	1
Methyl tert-butyl ether	0.22	U *1	1.0	0.22	ug/L			03/08/25 05:25	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/08/25 05:25	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/08/25 05:25	1
Styrene	0.42	U	1.0	0.42	ug/L			03/08/25 05:25	1

Client Sample ID: OB-16-022625

Date Collected: 02/26/25 11:10
Date Received: 02/27/25 18:20

Lab Sample ID: 460-321140-15

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/08/25 05:25	1
Toluene	0.38	U	1.0	0.38	ug/L			03/08/25 05:25	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/08/25 05:25	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/08/25 05:25	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/08/25 05:25	1
Trichlorofluoromethane	0.32	U *1	1.0	0.32	ug/L			03/08/25 05:25	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/08/25 05:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 130*		*03/08/25 05:25*	*1*
4-Bromofluorobenzene	*107*		*70 - 130*		*03/08/25 05:25*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*03/08/25 05:25*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*03/08/25 05:25*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 08:40	03/05/25 22:56	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*44*		*10 - 150*	*03/05/25 08:40*	*03/05/25 22:56*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.9**		2.0	1.2	ug/L		03/11/25 11:01	03/11/25 19:48	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 11:01	03/12/25 19:05	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:33	03/11/25 13:16	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:33	03/11/25 13:16	1

Client Sample ID: OB-14A-022625

Date Collected: 02/26/25 12:45
Date Received: 02/27/25 18:20

Lab Sample ID: 460-321140-16

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/05/25 12:41	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/05/25 12:41	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/05/25 12:41	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/05/25 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/05/25 12:41*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/08/25 05:49	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/08/25 05:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U *1	1.0	0.31	ug/L			03/08/25 05:49	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/08/25 05:49	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/08/25 05:49	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Client Sample ID: OB-14A-022625
Date Collected: 02/26/25 12:45
Date Received: 02/27/25 18:20

Lab Sample ID: 460-321140-16
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.26	U *1	1.0	0.26	ug/L			03/08/25 05:49	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/08/25 05:49	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/08/25 05:49	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/25 05:49	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/08/25 05:49	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/08/25 05:49	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/08/25 05:49	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/08/25 05:49	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/08/25 05:49	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/08/25 05:49	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/08/25 05:49	1
Acetone	4.4	U	5.0	4.4	ug/L			03/08/25 05:49	1
Benzene	0.070	U	0.45	0.070	ug/L			03/08/25 05:49	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/08/25 05:49	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/08/25 05:49	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/08/25 05:49	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/08/25 05:49	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/08/25 05:49	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/08/25 05:49	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/08/25 05:49	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/08/25 05:49	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/08/25 05:49	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/08/25 05:49	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/08/25 05:49	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/08/25 05:49	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/08/25 05:49	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/08/25 05:49	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/25 05:49	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/08/25 05:49	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/08/25 05:49	1
Methyl acetate	0.79	U *+ *1	5.0	0.79	ug/L			03/08/25 05:49	1
Methyl tert-butyl ether	0.22	U *1	1.0	0.22	ug/L			03/08/25 05:49	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/08/25 05:49	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/08/25 05:49	1
Styrene	0.42	U	1.0	0.42	ug/L			03/08/25 05:49	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/08/25 05:49	1
Toluene	0.38	U	1.0	0.38	ug/L			03/08/25 05:49	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/08/25 05:49	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/08/25 05:49	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/08/25 05:49	1
Trichlorofluoromethane	0.32	U *1	1.0	0.32	ug/L			03/08/25 05:49	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/08/25 05:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*80*		*70 - 130*		*03/08/25 05:49*	*1*
4-Bromofluorobenzene	*111*		*70 - 130*		*03/08/25 05:49*	*1*
Dibromofluoromethane (Surr)	*108*		*70 - 130*		*03/08/25 05:49*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*03/08/25 05:49*	*1*

Client Sample ID: OB-14A-022625
Lab Sample ID: 460-321140-16
Date Collected: 02/26/25 12:45
Matrix: Water
Date Received: 02/27/25 18:20

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 08:40	03/05/25 23:11	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*42*		*10 - 150*	*03/05/25 08:40*	*03/05/25 23:11*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.5**	**J**	2.0	1.2	ug/L		03/12/25 11:45	03/12/25 16:55	1
Lead	**1.8**		1.2	0.42	ug/L		03/12/25 11:45	03/12/25 16:55	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:33	03/11/25 13:27	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:33	03/11/25 13:27	1

Client Sample ID: OB-24-022625
Lab Sample ID: 460-321140-17
Date Collected: 02/26/25 14:00
Matrix: Water
Date Received: 02/27/25 18:20

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/05/25 13:02	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/05/25 13:02	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/05/25 13:02	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/05/25 13:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/05/25 13:02*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/08/25 06:13	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/08/25 06:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U *1	1.0	0.31	ug/L			03/08/25 06:13	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/08/25 06:13	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/08/25 06:13	1
1,1-Dichloroethene	0.26	U *1	1.0	0.26	ug/L			03/08/25 06:13	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/08/25 06:13	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/08/25 06:13	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/25 06:13	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/08/25 06:13	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/08/25 06:13	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/08/25 06:13	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/08/25 06:13	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/08/25 06:13	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/08/25 06:13	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/08/25 06:13	1
Acetone	4.4	U	5.0	4.4	ug/L			03/08/25 06:13	1
Benzene	0.070	U	0.45	0.070	ug/L			03/08/25 06:13	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/08/25 06:13	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/08/25 06:13	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/08/25 06:13	1

Client Sample ID: OB-24-022625
Date Collected: 02/26/25 14:00
Date Received: 02/27/25 18:20

Lab Sample ID: 460-321140-17
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/08/25 06:13	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/08/25 06:13	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/08/25 06:13	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/08/25 06:13	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/08/25 06:13	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/08/25 06:13	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/08/25 06:13	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/08/25 06:13	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/08/25 06:13	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/08/25 06:13	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/08/25 06:13	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/25 06:13	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/08/25 06:13	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/08/25 06:13	1
Methyl acetate	0.79	U *+ *1	5.0	0.79	ug/L			03/08/25 06:13	1
Methyl tert-butyl ether	**0.55**	**J *1**	1.0	0.22	ug/L			03/08/25 06:13	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/08/25 06:13	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/08/25 06:13	1
Styrene	0.42	U	1.0	0.42	ug/L			03/08/25 06:13	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/08/25 06:13	1
Toluene	0.38	U	1.0	0.38	ug/L			03/08/25 06:13	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/08/25 06:13	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/08/25 06:13	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/08/25 06:13	1
Trichlorofluoromethane	0.32	U *1	1.0	0.32	ug/L			03/08/25 06:13	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/08/25 06:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 130*		*03/08/25 06:13*	*1*
4-Bromofluorobenzene	*108*		*70 - 130*		*03/08/25 06:13*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*03/08/25 06:13*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*03/08/25 06:13*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 08:40	03/05/25 23:27	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*33*		*10 - 150*	*03/05/25 08:40*	*03/05/25 23:27*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 11:14	03/11/25 19:53	1
Lead	**0.47**	**J**	1.2	0.42	ug/L		03/11/25 11:14	03/12/25 19:10	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:33	03/11/25 13:29	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:33	03/11/25 13:29	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Client Sample ID: RW-16-022625

Date Collected: 02/26/25 15:00
Date Received: 02/27/25 18:20

Lab Sample ID: 460-321140-18

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/05/25 13:24	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/05/25 13:24	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/05/25 13:24	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/05/25 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/05/25 13:24*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/08/25 06:38	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/08/25 06:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U *1	1.0	0.31	ug/L			03/08/25 06:38	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/08/25 06:38	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/08/25 06:38	1
1,1-Dichloroethene	0.26	U *1	1.0	0.26	ug/L			03/08/25 06:38	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/08/25 06:38	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/08/25 06:38	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/08/25 06:38	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/08/25 06:38	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/08/25 06:38	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/08/25 06:38	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/08/25 06:38	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/08/25 06:38	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/08/25 06:38	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/08/25 06:38	1
Acetone	4.4	U	5.0	4.4	ug/L			03/08/25 06:38	1
Benzene	0.070	U	0.45	0.070	ug/L			03/08/25 06:38	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/08/25 06:38	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/08/25 06:38	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/08/25 06:38	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/08/25 06:38	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/08/25 06:38	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/08/25 06:38	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/08/25 06:38	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/08/25 06:38	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/08/25 06:38	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/08/25 06:38	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/08/25 06:38	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/08/25 06:38	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/08/25 06:38	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/08/25 06:38	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/08/25 06:38	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/08/25 06:38	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/08/25 06:38	1
Methyl acetate	0.79	U *+ *1	5.0	0.79	ug/L			03/08/25 06:38	1
Methyl tert-butyl ether	0.22	U *1	1.0	0.22	ug/L			03/08/25 06:38	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/08/25 06:38	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/08/25 06:38	1
Styrene	0.42	U	1.0	0.42	ug/L			03/08/25 06:38	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Client Sample ID: RW-16-022625
Date Collected: 02/26/25 15:00
Date Received: 02/27/25 18:20

Lab Sample ID: 460-321140-18
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/08/25 06:38	1
Toluene	0.38	U	1.0	0.38	ug/L			03/08/25 06:38	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/08/25 06:38	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/08/25 06:38	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/08/25 06:38	1
Trichlorofluoromethane	0.32	U *1	1.0	0.32	ug/L			03/08/25 06:38	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/08/25 06:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*		*03/08/25 06:38*	*1*
4-Bromofluorobenzene	*110*		*70 - 130*		*03/08/25 06:38*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*03/08/25 06:38*	*1*
Toluene-d8 (Surr)	*95*		*70 - 130*		*03/08/25 06:38*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 08:40	03/05/25 23:43	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*35*		*10 - 150*	*03/05/25 08:40*	*03/05/25 23:43*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 11:01	03/11/25 19:51	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 11:01	03/12/25 19:08	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:33	03/11/25 13:32	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:33	03/11/25 13:32	1

Surrogate Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)	(70-130)
460-321140-1	OB-31-022625	99	108	103	93
460-321140-2	OB-27-022625	98	115	102	99
460-321140-2 MS	OB-27-022625	97	110	99	94
460-321140-2 MSD	OB-27-022625	98	111	101	96
460-321140-3	OB-19-022625	95	109	102	94
460-321140-4	RW-5-022625	99	107	106	96
460-321140-5	DUP-02-022625	96	109	102	95
460-321140-6	RW-14S-(135-153)-022625	90	111	102	96
460-321140-7	RW-14D-(175-185)-022625	81	113	106	94
460-321140-8	RW-3DS-(155-160)-022625	90	106	100	93
460-321140-9	RW-3DD-(175-180)-022625	85	110	104	93
460-321140-10	RW-3-(77-87)-022625	84	108	109	90
460-321140-11	RW-11D-(262-267)-022625	88	113	102	95
460-321140-12	RW-11S-(236-241)-022625	79	109	104	90
460-321140-13	Trip Blank-02-022625	92	109	99	98
460-321140-14	OB-17-022625	87	108	105	93
460-321140-15	OB-16-022625	88	107	102	93
460-321140-16	OB-14A-022625	80	111	108	92
460-321140-17	OB-24-022625	88	108	100	94
460-321140-18	RW-16-022625	89	110	104	95
LCS 460-1024769/3	Lab Control Sample	88	113	98	96
LCS 460-1025015/4	Lab Control Sample	101	112	103	97
LCSD 460-1024769/5	Lab Control Sample Dup	90	110	98	96
LCSD 460-1025015/5	Lab Control Sample Dup	105	119	106	103
MB 460-1024769/9	Method Blank	85	109	103	94
MB 460-1025015/9	Method Blank	98	110	103	97

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
		BFB
Lab Sample ID	Client Sample ID	(70-130)
460-321063-D-14 MS	Matrix Spike	109
460-321063-D-14 MSD	Matrix Spike Duplicate	108
460-321140-1	OB-31-022625	110
460-321140-2	OB-27-022625	107
460-321140-2 MS	OB-27-022625	105
460-321140-2 MSD	OB-27-022625	104
460-321140-3	OB-19-022625	108
460-321140-4	RW-5-022625	107
460-321140-5	DUP-02-022625	110
460-321140-6	RW-14S-(135-153)-022625	109
460-321140-7	RW-14D-(175-185)-022625	107

Surrogate Summary

Client: Cornerstone Environmental Group, LLC
Job ID: 460-321140-1
Project/Site: FORD Ringwood Mines E203361

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

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
		BFB						
Lab Sample ID	Client Sample ID	(70-130)						
460-321140-8	RW-3DS-(155-160)-022625	106						
460-321140-9	RW-3DD-(175-180)-022625	107						
460-321140-10	RW-3-(77-87)-022625	101						
460-321140-11	RW-11D-(262-267)-022625	104						
460-321140-12	RW-11S-(236-241)-022625	107						
460-321140-13	Trip Blank-02-022625	103						
460-321140-14	OB-17-022625	103						
460-321140-15	OB-16-022625	103						
460-321140-16	OB-14A-022625	103						
460-321140-17	OB-24-022625	102						
460-321140-18	RW-16-022625	99						
LCS 460-1023952/3	Lab Control Sample	110						
LCS 460-1024117/4	Lab Control Sample	104						
LCSD 460-1024117/5	Lab Control Sample Dup	105						
MB 460-1023952/7	Method Blank	110						
MB 460-1024117/8	Method Blank	102						

Surrogate Legend

BFB = 4-Bromofluorobenzene

Isotope Dilution Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DXE (10-150)						
460-321140-1	OB-31-022625	30						
460-321140-2	OB-27-022625	26						
460-321140-2 MS	OB-27-022625	31						
460-321140-2 MSD	OB-27-022625	34						
460-321140-3	OB-19-022625	26						
460-321140-4	RW-5-022625	28						
460-321140-5	DUP-02-022625	33						
460-321140-6	RW-14S-(135-153)-022625	28						
460-321140-7	RW-14D-(175-185)-022625	31						
460-321140-8	RW-3DS-(155-160)-022625	35						
460-321140-9	RW-3DD-(175-180)-022625	33						
460-321140-10	RW-3-(77-87)-022625	34						
460-321140-11	RW-11D-(262-267)-022625	41						
460-321140-12	RW-11S-(236-241)-022625	39						
460-321140-14	OB-17-022625	41						
460-321140-15	OB-16-022625	44						
460-321140-16	OB-14A-022625	42						
460-321140-17	OB-24-022625	33						
460-321140-18	RW-16-022625	35						
LCS 460-1023816/2-A	Lab Control Sample	27						
LCS 460-1024155/2-A	Lab Control Sample	43						
LCSD 460-1023816/3-A	Lab Control Sample Dup	19						
LCSD 460-1024155/3-A	Lab Control Sample Dup	33						
MB 460-1023816/1-A	Method Blank	27						
MB 460-1024155/1-A	Method Blank	33						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 460-1024769/9
Matrix: Water
Analysis Batch: 1024769

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	0.24	U	1.0	0.24	ug/L			03/07/25 23:19	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 23:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 23:19	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 23:19	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 23:19	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 23:19	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 23:19	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 23:19	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 23:19	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 23:19	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 23:19	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 23:19	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 23:19	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 23:19	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 23:19	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 23:19	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 23:19	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 23:19	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 23:19	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/07/25 23:19	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 23:19	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 23:19	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 23:19	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 23:19	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 23:19	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/07/25 23:19	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 23:19	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 23:19	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 23:19	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 23:19	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 23:19	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 23:19	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 23:19	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 23:19	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 23:19	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/07/25 23:19	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 23:19	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 23:19	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 23:19	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 23:19	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 23:19	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 23:19	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 23:19	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 23:19	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 23:19	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 23:19	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 23:19	1

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

Lab Sample ID: MB 460-1024769/9
Matrix: Water
Analysis Batch: 1024769

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		70 - 130		03/07/25 23:19	1
4-Bromofluorobenzene	109		70 - 130		03/07/25 23:19	1
Dibromofluoromethane (Surr)	103		70 - 130		03/07/25 23:19	1
Toluene-d8 (Surr)	94		70 - 130		03/07/25 23:19	1

Lab Sample ID: LCS 460-1024769/3
Matrix: Water
Analysis Batch: 1024769

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	20.0	18.1		ug/L		91	70 - 130
1,1,2,2-Tetrachloroethane	20.0	20.3		ug/L		101	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	17.5		ug/L		87	70 - 130
1,1,2-Trichloroethane	20.0	17.6		ug/L		88	70 - 130
1,1-Dichloroethane	20.0	19.3		ug/L		96	70 - 130
1,1-Dichloroethene	20.0	15.7		ug/L		78	70 - 130
1,2,3-Trichlorobenzene	20.0	21.7		ug/L		108	70 - 130
1,2,4-Trichlorobenzene	20.0	21.6		ug/L		108	70 - 130
1,2-Dichlorobenzene	20.0	19.3		ug/L		97	70 - 130
1,2-Dichloroethane	20.0	17.2		ug/L		86	70 - 130
1,2-Dichloropropane	20.0	17.5		ug/L		88	70 - 130
1,3-Dichlorobenzene	20.0	19.9		ug/L		99	70 - 130
1,4-Dichlorobenzene	20.0	19.1		ug/L		95	70 - 130
2-Butanone (MEK)	100	93.1		ug/L		93	40 - 160
2-Hexanone	100	114		ug/L		114	40 - 160
4-Methyl-2-pentanone (MIBK)	100	106		ug/L		106	40 - 160
Acetone	100	67.2		ug/L		67	40 - 160
Benzene	20.0	17.5		ug/L		88	70 - 130
Bromoform	20.0	17.7		ug/L		89	70 - 130
Bromomethane	20.0	18.2		ug/L		91	40 - 160
Carbon disulfide	20.0	16.2		ug/L		81	40 - 160
Carbon tetrachloride	20.0	16.4		ug/L		82	70 - 130
Chlorobenzene	20.0	18.9		ug/L		95	70 - 130
Chlorobromomethane	20.0	15.6		ug/L		78	70 - 130
Chlorodibromomethane	20.0	18.6		ug/L		93	70 - 130
Chloroethane	20.0	37.1	*+	ug/L		185	40 - 160
Chloroform	20.0	20.5		ug/L		102	70 - 130
Chloromethane	20.0	19.4		ug/L		97	40 - 160
cis-1,2-Dichloroethene	20.0	19.3		ug/L		96	70 - 130
cis-1,3-Dichloropropene	20.0	16.4		ug/L		82	70 - 130
Cyclohexane	20.0	16.7		ug/L		83	70 - 130
Dichlorobromomethane	20.0	17.5		ug/L		88	70 - 130
Dichlorodifluoromethane	20.0	20.0		ug/L		100	40 - 160
Ethylbenzene	20.0	18.9		ug/L		95	70 - 130
Isopropylbenzene	20.0	18.9		ug/L		95	70 - 130
Methyl acetate	40.0	39.7		ug/L		99	70 - 130
Methyl tert-butyl ether	20.0	14.8		ug/L		74	70 - 130
Methylcyclohexane	20.0	18.3		ug/L		91	70 - 130

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

Lab Sample ID: LCS 460-1024769/3
Matrix: Water
Analysis Batch: 1024769

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methylene Chloride			20.0	19.4		ug/L		97	70 - 130		
Styrene			20.0	19.0		ug/L		95	70 - 130		
Tetrachloroethene			20.0	17.2		ug/L		86	70 - 130		
Toluene			20.0	18.2		ug/L		91	70 - 130		
trans-1,2-Dichloroethene			20.0	19.3		ug/L		97	70 - 130		
trans-1,3-Dichloropropene			20.0	17.5		ug/L		87	70 - 130		
Trichloroethene			20.0	18.3		ug/L		92	70 - 130		
Trichlorofluoromethane			20.0	15.0		ug/L		75	40 - 160		
Xylenes, Total			40.0	37.8		ug/L		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 130*
4-Bromofluorobenzene	*113*		*70 - 130*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 460-1024769/5
Matrix: Water
Analysis Batch: 1024769

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	20.6		ug/L		103	70 - 130	13	20
1,1,2,2-Tetrachloroethane			20.0	19.0		ug/L		95	70 - 130	7	20
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	22.0	*1	ug/L		110	70 - 130	23	20
1,1,2-Trichloroethane			20.0	18.4		ug/L		92	70 - 130	5	20
1,1-Dichloroethane			20.0	21.6		ug/L		108	70 - 130	11	20
1,1-Dichloroethene			20.0	22.9	*1	ug/L		114	70 - 130	37	20
1,2,3-Trichlorobenzene			20.0	22.3		ug/L		112	70 - 130	3	20
1,2,4-Trichlorobenzene			20.0	22.1		ug/L		110	70 - 130	2	20
1,2-Dichlorobenzene			20.0	19.7		ug/L		99	70 - 130	2	20
1,2-Dichloroethane			20.0	18.1		ug/L		90	70 - 130	5	20
1,2-Dichloropropane			20.0	19.7		ug/L		98	70 - 130	12	20
1,3-Dichlorobenzene			20.0	20.1		ug/L		101	70 - 130	1	20
1,4-Dichlorobenzene			20.0	19.3		ug/L		97	70 - 130	1	20
2-Butanone (MEK)			100	95.6		ug/L		96	40 - 160	3	20
2-Hexanone			100	105		ug/L		105	40 - 160	9	20
4-Methyl-2-pentanone (MIBK)			100	101		ug/L		101	40 - 160	5	20
Acetone			100	81.7		ug/L		82	40 - 160	19	20
Benzene			20.0	19.5		ug/L		98	70 - 130	11	20
Bromoform			20.0	17.6		ug/L		88	70 - 130	0	20
Bromomethane			20.0	21.2		ug/L		106	40 - 160	15	20
Carbon disulfide			20.0	18.5		ug/L		92	40 - 160	13	20
Carbon tetrachloride			20.0	19.4		ug/L		97	70 - 130	17	20
Chlorobenzene			20.0	19.3		ug/L		97	70 - 130	2	20
Chlorobromomethane			20.0	18.9		ug/L		94	70 - 130	19	20
Chlorodibromomethane			20.0	19.3		ug/L		97	70 - 130	4	20
Chloroethane			20.0	36.6	*+	ug/L		183	40 - 160	1	20
Chloroform			20.0	20.9		ug/L		105	70 - 130	2	20

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

Lab Sample ID: LCSD 460-1024769/5
Matrix: Water
Analysis Batch: 1024769

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane			20.0	20.3		ug/L		102	40 - 160	5	20
cis-1,2-Dichloroethene			20.0	20.8		ug/L		104	70 - 130	8	20
cis-1,3-Dichloropropene			20.0	18.6		ug/L		93	70 - 130	12	20
Cyclohexane			20.0	20.1		ug/L		101	70 - 130	19	20
Dichlorobromomethane			20.0	19.3		ug/L		96	70 - 130	9	20
Dichlorodifluoromethane			20.0	20.8		ug/L		104	40 - 160	4	20
Ethylbenzene			20.0	19.8		ug/L		99	70 - 130	4	20
Isopropylbenzene			20.0	19.8		ug/L		99	70 - 130	5	20
Methyl acetate			40.0	55.6	*+ *1	ug/L		139	70 - 130	33	20
Methyl tert-butyl ether			20.0	18.6	*1	ug/L		93	70 - 130	23	20
Methylcyclohexane			20.0	20.1		ug/L		100	70 - 130	9	20
Methylene Chloride			20.0	19.3		ug/L		97	70 - 130	0	20
Styrene			20.0	19.9		ug/L		99	70 - 130	4	20
Tetrachloroethene			20.0	18.3		ug/L		92	70 - 130	6	20
Toluene			20.0	19.3		ug/L		97	70 - 130	6	20
trans-1,2-Dichloroethene			20.0	21.4		ug/L		107	70 - 130	10	20
trans-1,3-Dichloropropene			20.0	19.1		ug/L		95	70 - 130	9	20
Trichloroethene			20.0	20.6		ug/L		103	70 - 130	12	20
Trichlorofluoromethane			20.0	22.3	*1	ug/L		112	40 - 160	40	20
Xylenes, Total			40.0	38.6		ug/L		97	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*
4-Bromofluorobenzene	*110*		*70 - 130*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*

Lab Sample ID: MB 460-1025015/9
Matrix: Water
Analysis Batch: 1025015

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	0.24	U	1.0	0.24	ug/L			03/10/25 13:23	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/10/25 13:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/10/25 13:23	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/10/25 13:23	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/10/25 13:23	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/10/25 13:23	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/10/25 13:23	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/10/25 13:23	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/10/25 13:23	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/10/25 13:23	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/10/25 13:23	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/10/25 13:23	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/10/25 13:23	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/10/25 13:23	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/10/25 13:23	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/10/25 13:23	1

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

Lab Sample ID: MB 460-1025015/9
Matrix: Water
Analysis Batch: 1025015

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	4.4	U	5.0	4.4	ug/L			03/10/25 13:23	1
Benzene	0.070	U	0.45	0.070	ug/L			03/10/25 13:23	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/10/25 13:23	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/10/25 13:23	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/10/25 13:23	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/10/25 13:23	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/10/25 13:23	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/10/25 13:23	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/10/25 13:23	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/10/25 13:23	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/10/25 13:23	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/10/25 13:23	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/10/25 13:23	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/10/25 13:23	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/10/25 13:23	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/10/25 13:23	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/10/25 13:23	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/10/25 13:23	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/10/25 13:23	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/10/25 13:23	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/10/25 13:23	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/10/25 13:23	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/10/25 13:23	1
Styrene	0.42	U	1.0	0.42	ug/L			03/10/25 13:23	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/10/25 13:23	1
Toluene	0.38	U	1.0	0.38	ug/L			03/10/25 13:23	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/10/25 13:23	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/10/25 13:23	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/10/25 13:23	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/10/25 13:23	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/10/25 13:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*		*03/10/25 13:23*	*1*
4-Bromofluorobenzene	*110*		*70 - 130*		*03/10/25 13:23*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*03/10/25 13:23*	*1*
Toluene-d8 (Surr)	*97*		*70 - 130*		*03/10/25 13:23*	*1*

Lab Sample ID: LCS 460-1025015/4
Matrix: Water
Analysis Batch: 1025015

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	20.0	22.3		ug/L		112	70 - 130
1,1,2,2-Tetrachloroethane	20.0	16.4		ug/L		82	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	22.8		ug/L		114	70 - 130
1,1,2-Trichloroethane	20.0	19.9		ug/L		100	70 - 130
1,1-Dichloroethane	20.0	20.9		ug/L		105	70 - 130

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

Lab Sample ID: LCS 460-1025015/4
Matrix: Water
Analysis Batch: 1025015

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	20.0	21.8		ug/L		109	70 - 130
1,2,3-Trichlorobenzene	20.0	17.3		ug/L		86	70 - 130
1,2,4-Trichlorobenzene	20.0	20.1		ug/L		101	70 - 130
1,2-Dichlorobenzene	20.0	20.1		ug/L		101	70 - 130
1,2-Dichloroethane	20.0	19.0		ug/L		95	70 - 130
1,2-Dichloropropane	20.0	18.4		ug/L		92	70 - 130
1,3-Dichlorobenzene	20.0	19.8		ug/L		99	70 - 130
1,4-Dichlorobenzene	20.0	19.2		ug/L		96	70 - 130
2-Butanone (MEK)	100	110		ug/L		110	40 - 160
2-Hexanone	100	112		ug/L		112	40 - 160
4-Methyl-2-pentanone (MIBK)	100	106		ug/L		106	40 - 160
Acetone	100	93.5		ug/L		94	40 - 160
Benzene	20.0	16.8		ug/L		84	70 - 130
Bromoform	20.0	22.5		ug/L		113	70 - 130
Bromomethane	20.0	19.4		ug/L		97	40 - 160
Carbon disulfide	20.0	25.1		ug/L		125	40 - 160
Carbon tetrachloride	20.0	22.6		ug/L		113	70 - 130
Chlorobenzene	20.0	21.4		ug/L		107	70 - 130
Chlorobromomethane	20.0	20.7		ug/L		103	70 - 130
Chlorodibromomethane	20.0	18.9		ug/L		95	70 - 130
Chloroethane	20.0	16.6		ug/L		83	40 - 160
Chloroform	20.0	21.4		ug/L		107	70 - 130
Chloromethane	20.0	16.3		ug/L		81	40 - 160
cis-1,2-Dichloroethene	20.0	23.1		ug/L		115	70 - 130
cis-1,3-Dichloropropene	20.0	20.2		ug/L		101	70 - 130
Cyclohexane	20.0	23.9		ug/L		119	70 - 130
Dichlorobromomethane	20.0	21.5		ug/L		108	70 - 130
Dichlorodifluoromethane	20.0	19.4		ug/L		97	40 - 160
Ethylbenzene	20.0	20.0		ug/L		100	70 - 130
Isopropylbenzene	20.0	20.6		ug/L		103	70 - 130
Methyl acetate	40.0	43.7		ug/L		109	70 - 130
Methyl tert-butyl ether	20.0	22.5		ug/L		112	70 - 130
Methylcyclohexane	20.0	23.5		ug/L		118	70 - 130
Methylene Chloride	20.0	21.5		ug/L		108	70 - 130
Styrene	20.0	21.6		ug/L		108	70 - 130
Tetrachloroethene	20.0	21.2		ug/L		106	70 - 130
Toluene	20.0	18.8		ug/L		94	70 - 130
trans-1,2-Dichloroethene	20.0	23.5		ug/L		117	70 - 130
trans-1,3-Dichloropropene	20.0	20.2		ug/L		101	70 - 130
Trichloroethene	20.0	20.6		ug/L		103	70 - 130
Trichlorofluoromethane	20.0	19.6		ug/L		98	40 - 160
Xylenes, Total	40.0	40.8		ug/L		102	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*
4-Bromofluorobenzene	*112*		*70 - 130*
Dibromofluoromethane (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

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

Lab Sample ID: LCSD 460-1025015/5
Matrix: Water
Analysis Batch: 1025015

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	23.9		ug/L		120	70 - 130	7	20
1,1,2,2-Tetrachloroethane			20.0	17.6		ug/L		88	70 - 130	7	20
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	22.9		ug/L		115	70 - 130	1	20
1,1,2-Trichloroethane			20.0	19.9		ug/L		99	70 - 130	0	20
1,1-Dichloroethane			20.0	20.9		ug/L		105	70 - 130	0	20
1,1-Dichloroethene			20.0	21.0		ug/L		105	70 - 130	3	20
1,2,3-Trichlorobenzene			20.0	20.0		ug/L		100	70 - 130	15	20
1,2,4-Trichlorobenzene			20.0	21.9		ug/L		109	70 - 130	8	20
1,2-Dichlorobenzene			20.0	20.3		ug/L		102	70 - 130	1	20
1,2-Dichloroethane			20.0	19.2		ug/L		96	70 - 130	1	20
1,2-Dichloropropane			20.0	19.8		ug/L		99	70 - 130	7	20
1,3-Dichlorobenzene			20.0	21.0		ug/L		105	70 - 130	6	20
1,4-Dichlorobenzene			20.0	20.3		ug/L		101	70 - 130	5	20
2-Butanone (MEK)			100	130		ug/L		130	40 - 160	17	20
2-Hexanone			100	118		ug/L		118	40 - 160	6	20
4-Methyl-2-pentanone (MIBK)			100	112		ug/L		112	40 - 160	6	20
Acetone			100	92.9		ug/L		93	40 - 160	1	20
Benzene			20.0	18.1		ug/L		90	70 - 130	8	20
Bromoform			20.0	24.3		ug/L		122	70 - 130	8	20
Bromomethane			20.0	19.2		ug/L		96	40 - 160	1	20
Carbon disulfide			20.0	23.6		ug/L		118	40 - 160	6	20
Carbon tetrachloride			20.0	24.1		ug/L		121	70 - 130	7	20
Chlorobenzene			20.0	21.9		ug/L		110	70 - 130	2	20
Chlorobromomethane			20.0	21.7		ug/L		108	70 - 130	5	20
Chlorodibromomethane			20.0	19.5		ug/L		97	70 - 130	3	20
Chloroethane			20.0	17.3		ug/L		87	40 - 160	4	20
Chloroform			20.0	23.3		ug/L		116	70 - 130	8	20
Chloromethane			20.0	17.1		ug/L		86	40 - 160	5	20
cis-1,2-Dichloroethene			20.0	23.0		ug/L		115	70 - 130	0	20
cis-1,3-Dichloropropene			20.0	21.7		ug/L		109	70 - 130	7	20
Cyclohexane			20.0	24.8		ug/L		124	70 - 130	4	20
Dichlorobromomethane			20.0	21.7		ug/L		109	70 - 130	1	20
Dichlorodifluoromethane			20.0	19.5		ug/L		98	40 - 160	1	20
Ethylbenzene			20.0	21.4		ug/L		107	70 - 130	7	20
Isopropylbenzene			20.0	21.8		ug/L		109	70 - 130	6	20
Methyl acetate			40.0	41.5		ug/L		104	70 - 130	5	20
Methyl tert-butyl ether			20.0	23.0		ug/L		115	70 - 130	2	20
Methylcyclohexane			20.0	24.1		ug/L		121	70 - 130	2	20
Methylene Chloride			20.0	20.1		ug/L		100	70 - 130	7	20
Styrene			20.0	23.3		ug/L		117	70 - 130	8	20
Tetrachloroethene			20.0	23.2		ug/L		116	70 - 130	9	20
Toluene			20.0	20.0		ug/L		100	70 - 130	6	20
trans-1,2-Dichloroethene			20.0	24.6		ug/L		123	70 - 130	5	20
trans-1,3-Dichloropropene			20.0	20.8		ug/L		104	70 - 130	3	20
Trichloroethene			20.0	21.4		ug/L		107	70 - 130	4	20
Trichlorofluoromethane			20.0	21.3		ug/L		107	40 - 160	8	20
Xylenes, Total			40.0	44.4		ug/L		111	70 - 130	8	20

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

Lab Sample ID: LCSD 460-1025015/5
Matrix: Water
Analysis Batch: 1025015

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*
4-Bromofluorobenzene	*119*		*70 - 130*
Dibromofluoromethane (Surr)	*106*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: 460-321140-2 MS
Matrix: Water
Analysis Batch: 1025015

Client Sample ID: OB-27-022625
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.24	U	20.0	21.3		ug/L		106	70 - 130
1,1,2,2-Tetrachloroethane	0.085	U	20.0	16.4		ug/L		82	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	20.0	20.7		ug/L		104	70 - 130
1,1,2-Trichloroethane	0.19	U	20.0	18.8		ug/L		94	70 - 130
1,1-Dichloroethane	0.26	U	20.0	19.6		ug/L		98	70 - 130
1,1-Dichloroethene	0.26	U	20.0	21.3		ug/L		107	70 - 130
1,2,3-Trichlorobenzene	0.36	U	20.0	15.9		ug/L		79	70 - 130
1,2,4-Trichlorobenzene	0.37	U	20.0	19.7		ug/L		98	70 - 130
1,2-Dichlorobenzene	0.21	U	20.0	18.6		ug/L		93	70 - 130
1,2-Dichloroethane	0.087	U	20.0	18.7		ug/L		94	70 - 130
1,2-Dichloropropane	0.074	U	20.0	17.4		ug/L		87	70 - 130
1,3-Dichlorobenzene	0.34	U	20.0	19.0		ug/L		95	70 - 130
1,4-Dichlorobenzene	0.33	U	20.0	18.0		ug/L		90	70 - 130
2-Butanone (MEK)	1.9	U	100	112		ug/L		112	40 - 160
2-Hexanone	1.1	U	100	111		ug/L		111	40 - 160
4-Methyl-2-pentanone (MIBK)	1.3	U	100	103		ug/L		103	40 - 160
Acetone	4.4	U	100	91.4		ug/L		91	40 - 160
Benzene	0.070	U	20.0	16.5		ug/L		82	70 - 130
Bromoform	0.54	U	20.0	21.5		ug/L		108	70 - 130
Bromomethane	0.55	U	20.0	18.6		ug/L		93	40 - 160
Carbon disulfide	0.82	U	20.0	21.9		ug/L		110	40 - 160
Carbon tetrachloride	0.21	U	20.0	21.8		ug/L		109	70 - 130
Chlorobenzene	0.38	U	20.0	20.5		ug/L		102	70 - 130
Chlorobromomethane	0.41	U	20.0	20.1		ug/L		100	70 - 130
Chlorodibromomethane	0.086	U	20.0	18.0		ug/L		90	70 - 130
Chloroethane	52	F1	20.0	50.9	F1	ug/L		-6	40 - 160
Chloroform	0.33	U	20.0	20.2		ug/L		101	70 - 130
Chloromethane	0.40	U	20.0	16.0		ug/L		80	40 - 160
cis-1,2-Dichloroethene	0.33	J	20.0	21.4		ug/L		106	70 - 130
cis-1,3-Dichloropropene	0.069	U	20.0	18.3		ug/L		92	70 - 130
Cyclohexane	1.3	F1	20.0	26.0		ug/L		123	70 - 130
Dichlorobromomethane	0.15	U	20.0	20.9		ug/L		105	70 - 130
Dichlorodifluoromethane	0.31	U	20.0	19.4		ug/L		97	40 - 160
Ethylbenzene	0.30	U	20.0	19.8		ug/L		99	70 - 130
Isopropylbenzene	2.4		20.0	21.5		ug/L		96	70 - 130
Methyl acetate	0.79	U	40.0	35.6		ug/L		89	70 - 130
Methyl tert-butyl ether	0.22	U	20.0	22.5		ug/L		113	70 - 130
Methylcyclohexane	0.90	J	20.0	22.8		ug/L		109	70 - 130

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

Lab Sample ID: 460-321140-2 MS
Matrix: Water
Analysis Batch: 1025015

Client Sample ID: OB-27-022625
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	0.32	U	20.0	21.5		ug/L		107	70 - 130
Styrene	0.42	U	20.0	21.5		ug/L		107	70 - 130
Tetrachloroethene	0.28	U	20.0	19.6		ug/L		98	70 - 130
Toluene	0.38	U	20.0	18.1		ug/L		91	70 - 130
trans-1,2-Dichloroethene	0.24	U	20.0	22.5		ug/L		112	70 - 130
trans-1,3-Dichloropropene	0.12	U	20.0	18.6		ug/L		93	70 - 130
Trichloroethene	0.074	U	20.0	19.6		ug/L		98	70 - 130
Trichlorofluoromethane	0.32	U	20.0	21.0		ug/L		105	40 - 160
Xylenes, Total	0.65	U	40.0	41.5		ug/L		104	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*
4-Bromofluorobenzene	*110*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*94*		*70 - 130*

Lab Sample ID: 460-321140-2 MSD
Matrix: Water
Analysis Batch: 1025015

Client Sample ID: OB-27-022625
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	0.24	U	20.0	22.8		ug/L		114	70 - 130	7	20
1,1,2,2-Tetrachloroethane	0.085	U	20.0	16.4		ug/L		82	70 - 130	0	20
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	20.0	22.6		ug/L		113	70 - 130	9	20
1,1,2-Trichloroethane	0.19	U	20.0	19.7		ug/L		98	70 - 130	4	20
1,1-Dichloroethane	0.26	U	20.0	20.8		ug/L		104	70 - 130	6	20
1,1-Dichloroethene	0.26	U	20.0	21.0		ug/L		105	70 - 130	1	20
1,2,3-Trichlorobenzene	0.36	U	20.0	19.1		ug/L		96	70 - 130	19	20
1,2,4-Trichlorobenzene	0.37	U	20.0	20.9		ug/L		104	70 - 130	6	20
1,2-Dichlorobenzene	0.21	U	20.0	19.8		ug/L		99	70 - 130	6	20
1,2-Dichloroethane	0.087	U	20.0	19.0		ug/L		95	70 - 130	1	20
1,2-Dichloropropane	0.074	U	20.0	18.2		ug/L		91	70 - 130	5	20
1,3-Dichlorobenzene	0.34	U	20.0	20.4		ug/L		102	70 - 130	7	20
1,4-Dichlorobenzene	0.33	U	20.0	19.4		ug/L		97	70 - 130	8	20
2-Butanone (MEK)	1.9	U	100	112		ug/L		112	40 - 160	0	20
2-Hexanone	1.1	U	100	119		ug/L		119	40 - 160	7	20
4-Methyl-2-pentanone (MIBK)	1.3	U	100	105		ug/L		105	40 - 160	2	20
Acetone	4.4	U	100	96.4		ug/L		96	40 - 160	5	20
Benzene	0.070	U	20.0	16.8		ug/L		84	70 - 130	2	20
Bromoform	0.54	U	20.0	21.9		ug/L		110	70 - 130	2	20
Bromomethane	0.55	U	20.0	18.7		ug/L		93	40 - 160	0	20
Carbon disulfide	0.82	U	20.0	24.3		ug/L		122	40 - 160	10	20
Carbon tetrachloride	0.21	U	20.0	24.3		ug/L		121	70 - 130	11	20
Chlorobenzene	0.38	U	20.0	21.1		ug/L		105	70 - 130	3	20
Chlorobromomethane	0.41	U	20.0	21.6		ug/L		108	70 - 130	7	20
Chlorodibromomethane	0.086	U	20.0	18.1		ug/L		91	70 - 130	1	20
Chloroethane	52	F1	20.0	54.6	F1	ug/L		12	40 - 160	7	20
Chloroform	0.33	U	20.0	21.2		ug/L		106	70 - 130	5	20

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

Lab Sample ID: 460-321140-2 MSD
Matrix: Water
Analysis Batch: 1025015

Client Sample ID: OB-27-022625
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane	0.40	U	20.0	16.9		ug/L		84	40 - 160	6	20
cis-1,2-Dichloroethene	0.33	J	20.0	22.4		ug/L		110	70 - 130	4	20
cis-1,3-Dichloropropene	0.069	U	20.0	19.7		ug/L		98	70 - 130	7	20
Cyclohexane	1.3	F1	20.0	29.7	F1	ug/L		142	70 - 130	13	20
Dichlorobromomethane	0.15	U	20.0	20.7		ug/L		103	70 - 130	1	20
Dichlorodifluoromethane	0.31	U	20.0	21.2		ug/L		106	40 - 160	9	20
Ethylbenzene	0.30	U	20.0	20.1		ug/L		101	70 - 130	2	20
Isopropylbenzene	2.4		20.0	23.0		ug/L		103	70 - 130	7	20
Methyl acetate	0.79	U	40.0	36.4		ug/L		91	70 - 130	2	20
Methyl tert-butyl ether	0.22	U	20.0	22.7		ug/L		113	70 - 130	1	20
Methylcyclohexane	0.90	J	20.0	24.1		ug/L		116	70 - 130	6	20
Methylene Chloride	0.32	U	20.0	21.1		ug/L		106	70 - 130	2	20
Styrene	0.42	U	20.0	21.3		ug/L		107	70 - 130	1	20
Tetrachloroethene	0.28	U	20.0	20.8		ug/L		104	70 - 130	6	20
Toluene	0.38	U	20.0	18.7		ug/L		93	70 - 130	3	20
trans-1,2-Dichloroethene	0.24	U	20.0	23.4		ug/L		117	70 - 130	4	20
trans-1,3-Dichloropropene	0.12	U	20.0	19.1		ug/L		96	70 - 130	3	20
Trichloroethene	0.074	U	20.0	20.4		ug/L		102	70 - 130	4	20
Trichlorofluoromethane	0.32	U	20.0	21.3		ug/L		106	40 - 160	1	20
Xylenes, Total	0.65	U	40.0	42.1		ug/L		105	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene	*111*		*70 - 130*
Dibromofluoromethane (Surr)	*101*		*70 - 130*
Toluene-d8 (Surr)	*96*		*70 - 130*

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

Lab Sample ID: MB 460-1023952/7
Matrix: Water
Analysis Batch: 1023952

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/04/25 08:06	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/04/25 08:06	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/04/25 08:06	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/04/25 08:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*70 - 130*		*03/04/25 08:06*	*1*

Lab Sample ID: LCS 460-1023952/3
Matrix: Water
Analysis Batch: 1023952

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	0.0500	0.0478		ug/L		96	40 - 160

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

Lab Sample ID: LCS 460-1023952/3
Matrix: Water
Analysis Batch: 1023952

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2-Dibromo-3-Chloropropane			0.0500	0.0521		ug/L		104	40 - 160		
Ethylene Dibromide			0.0500	0.0457		ug/L		91	70 - 130		
Vinyl chloride			0.250	0.240		ug/L		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*110*		*70 - 130*

Lab Sample ID: 460-321063-D-14 MS
Matrix: Water
Analysis Batch: 1023952

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,3-Trichloropropane	0.0030	U	0.0500	0.0643		ug/L		129	40 - 160		
1,2-Dibromo-3-Chloropropane	0.010	U	0.0500	0.0773		ug/L		155	40 - 160		
Ethylene Dibromide	0.0079	U	0.0500	0.0628		ug/L		126	70 - 130		
Vinyl chloride	0.0050	U	0.250	0.287		ug/L		115	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*109*		*70 - 130*

Lab Sample ID: 460-321063-D-14 MSD
Matrix: Water
Analysis Batch: 1023952

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,3-Trichloropropane	0.0030	U	0.0500	0.0666		ug/L		133	40 - 160	4	20
1,2-Dibromo-3-Chloropropane	0.010	U	0.0500	0.0785		ug/L		157	40 - 160	2	20
Ethylene Dibromide	0.0079	U	0.0500	0.0616		ug/L		123	70 - 130	2	20
Vinyl chloride	0.0050	U	0.250	0.287		ug/L		115	70 - 130	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*108*		*70 - 130*

Lab Sample ID: MB 460-1024117/8
Matrix: Water
Analysis Batch: 1024117

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/05/25 08:39	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/05/25 08:39	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/05/25 08:39	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/05/25 08:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*70 - 130*		*03/05/25 08:39*	*1*

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

Lab Sample ID: LCS 460-1024117/4
Matrix: Water
Analysis Batch: 1024117

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,3-Trichloropropane			0.0500	0.0459		ug/L		92	40 - 160		
1,2-Dibromo-3-Chloropropane			0.0500	0.0487		ug/L		97	40 - 160		
Ethylene Dibromide			0.0500	0.0423		ug/L		85	70 - 130		
Vinyl chloride			0.250	0.230		ug/L		92	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*

Lab Sample ID: LCSD 460-1024117/5
Matrix: Water
Analysis Batch: 1024117

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,3-Trichloropropane			0.0500	0.0469		ug/L		94	40 - 160	2	20
1,2-Dibromo-3-Chloropropane			0.0500	0.0562		ug/L		112	40 - 160	14	20
Ethylene Dibromide			0.0500	0.0471		ug/L		94	70 - 130	11	20
Vinyl chloride			0.250	0.232		ug/L		93	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 130*

Lab Sample ID: 460-321140-2 MS
Matrix: Water
Analysis Batch: 1024117

Client Sample ID: OB-27-022625
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,3-Trichloropropane	0.0030	U	0.0500	0.0640		ug/L		128	40 - 160		
1,2-Dibromo-3-Chloropropane	0.010	U	0.0500	0.0543		ug/L		109	40 - 160		
Ethylene Dibromide	0.0079	U F1	0.0500	0.0761	F1	ug/L		152	70 - 130		
Vinyl chloride	0.039		0.250	0.332		ug/L		118	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 130*

Lab Sample ID: 460-321140-2 MSD
Matrix: Water
Analysis Batch: 1024117

Client Sample ID: OB-27-022625
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,3-Trichloropropane	0.0030	U	0.0500	0.0608		ug/L		122	40 - 160	5	20
1,2-Dibromo-3-Chloropropane	0.010	U	0.0500	0.0547		ug/L		109	40 - 160	1	20
Ethylene Dibromide	0.0079	U F1	0.0500	0.0671	F1	ug/L		134	70 - 130	13	20
Vinyl chloride	0.039		0.250	0.314		ug/L		110	70 - 130	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 460-1023816/1-A
Matrix: Water
Analysis Batch: 1023900

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1023816

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/03/25 09:28	03/03/25 21:17	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*27*		*10 - 150*	*03/03/25 09:28*	*03/03/25 21:17*	*1*

Lab Sample ID: LCS 460-1023816/2-A
Matrix: Water
Analysis Batch: 1023900

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1023816

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			1.60	1.52		ug/L		95	42 - 142		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*27*		*10 - 150*

Lab Sample ID: LCSD 460-1023816/3-A
Matrix: Water
Analysis Batch: 1023900

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1023816

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			1.60	1.35		ug/L		85	42 - 142	11	20

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*19*		*10 - 150*

Lab Sample ID: 460-321140-2 MS
Matrix: Water
Analysis Batch: 1023900

Client Sample ID: OB-27-022625
Prep Type: Total/NA
Prep Batch: 1023816

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane	3.4		1.60	4.86		ug/L		89	42 - 142		

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
1,4-Dioxane-d8	*31*		*10 - 150*

Lab Sample ID: 460-321140-2 MSD
Matrix: Water
Analysis Batch: 1023900

Client Sample ID: OB-27-022625
Prep Type: Total/NA
Prep Batch: 1023816

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	3.4		1.60	4.92		ug/L		93	42 - 142	1	20

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,4-Dioxane-d8	*34*		*10 - 150*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Lab Sample ID: MB 460-1024155/1-A
Matrix: Water
Analysis Batch: 1024287

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1024155

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 08:40	03/05/25 21:33	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*33*		*10 - 150*	*03/05/25 08:40*	*03/05/25 21:33*	*1*

Lab Sample ID: LCS 460-1024155/2-A
Matrix: Water
Analysis Batch: 1024287

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1024155

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			1.60	1.76		ug/L		110	42 - 142		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*43*		*10 - 150*

Lab Sample ID: LCSD 460-1024155/3-A
Matrix: Water
Analysis Batch: 1024287

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1024155

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			1.60	1.46		ug/L		92	42 - 142	19	20

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*33*		*10 - 150*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 460-1025231/25-A
Matrix: Water
Analysis Batch: 1025274

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1025231

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			50.0	51.07		ug/L		102	80 - 120		
Lead			25.0	25.85		ug/L		103	80 - 120		

Lab Sample ID: MB 460-1025239/1-A
Matrix: Water
Analysis Batch: 1025317

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 1025239

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 11:01	03/11/25 18:40	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 11:01	03/11/25 18:40	1

Lab Sample ID: LCS 460-1025239/2-A
Matrix: Water
Analysis Batch: 1025317

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1025239

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			50.0	54.15		ug/L		108	80 - 120		

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 460-1025239/2-A
Matrix: Water
Analysis Batch: 1025317

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1025239

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			25.0	25.65		ug/L		103	80 - 120		

Lab Sample ID: 460-321140-2 MS
Matrix: Water
Analysis Batch: 1025317

Client Sample ID: OB-27-022625
Prep Type: Total Recoverable
Prep Batch: 1025239

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	38.1		50.0	80.19		ug/L		84	75 - 125		
Lead	0.60	J	25.0	23.11		ug/L		90	75 - 125		

Lab Sample ID: 460-321140-2 MSD
Matrix: Water
Analysis Batch: 1025317

Client Sample ID: OB-27-022625
Prep Type: Total Recoverable
Prep Batch: 1025239

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	38.1		50.0	93.64		ug/L		111	75 - 125	15	20
Lead	0.60	J	25.0	26.29		ug/L		103	75 - 125	13	20

Lab Sample ID: 460-321140-2 DU
Matrix: Water
Analysis Batch: 1025317

Client Sample ID: OB-27-022625
Prep Type: Total Recoverable
Prep Batch: 1025239

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	38.1		36.21		ug/L		5	20
Lead	0.60	J	0.546	J	ug/L		10	20

Lab Sample ID: MB 460-1025474/1-A
Matrix: Water
Analysis Batch: 1025482

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 1025474

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/12/25 11:45	03/12/25 14:13	1
Lead	0.42	U	1.2	0.42	ug/L		03/12/25 11:45	03/12/25 14:13	1

Lab Sample ID: LCS 460-1025474/2-A
Matrix: Water
Analysis Batch: 1025482

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1025474

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			50.0	54.75		ug/L		109	80 - 120		
Lead			25.0	25.68		ug/L		103	80 - 120		

Lab Sample ID: 460-321264-F-1-C MS
Matrix: Water
Analysis Batch: 1025482

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 1025474

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	1.2	U	50.0	49.14		ug/L		98	75 - 125		
Lead	0.42	U	25.0	23.23		ug/L		93	75 - 125		

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-321264-F-1-B DU
Matrix: Water
Analysis Batch: 1025482

Client Sample ID: Duplicate
Prep Type: Total Recoverable
Prep Batch: 1025474

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	1.2	U	1.2	U	ug/L		NC	20
Lead	0.42	U	0.42	U	ug/L		NC	20

Lab Sample ID: MB 460-1025226/1-B
Matrix: Water
Analysis Batch: 1025274

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 1025231

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:33	03/11/25 12:22	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:33	03/11/25 12:22	1

Lab Sample ID: 460-321140-2 MS
Matrix: Water
Analysis Batch: 1025274

Client Sample ID: OB-27-022625
Prep Type: Dissolved
Prep Batch: 1025231

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	1.2	U	50.0	44.75		ug/L		90	75 - 125
Lead	0.42	U	25.0	23.12		ug/L		92	75 - 125

Lab Sample ID: 460-321140-2 MSD
Matrix: Water
Analysis Batch: 1025274

Client Sample ID: OB-27-022625
Prep Type: Dissolved
Prep Batch: 1025231

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	1.2	U	50.0	53.16		ug/L		106	75 - 125	17	20
Lead	0.42	U	25.0	28.34		ug/L		113	75 - 125	20	20

Lab Sample ID: 460-321140-2 DU
Matrix: Water
Analysis Batch: 1025274

Client Sample ID: OB-27-022625
Prep Type: Dissolved
Prep Batch: 1025231

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	1.2	U	1.2	U	ug/L		NC	20
Lead	0.42	U	0.42	U	ug/L		NC	20

GC/MS VOA

Analysis Batch: 1023952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321140-1	OB-31-022625	Total/NA	Water	8260D SIM	
460-321140-3	OB-19-022625	Total/NA	Water	8260D SIM	
460-321140-4	RW-5-022625	Total/NA	Water	8260D SIM	
460-321140-5	DUP-02-022625	Total/NA	Water	8260D SIM	
460-321140-6	RW-14S-(135-153)-022625	Total/NA	Water	8260D SIM	
MB 460-1023952/7	Method Blank	Total/NA	Water	8260D SIM	
LCS 460-1023952/3	Lab Control Sample	Total/NA	Water	8260D SIM	
460-321063-D-14 MS	Matrix Spike	Total/NA	Water	8260D SIM	
460-321063-D-14 MSD	Matrix Spike Duplicate	Total/NA	Water	8260D SIM	

Analysis Batch: 1024117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321140-2	OB-27-022625	Total/NA	Water	8260D SIM	
460-321140-7	RW-14D-(175-185)-022625	Total/NA	Water	8260D SIM	
460-321140-8	RW-3DS-(155-160)-022625	Total/NA	Water	8260D SIM	
460-321140-9	RW-3DD-(175-180)-022625	Total/NA	Water	8260D SIM	
460-321140-10	RW-3-(77-87)-022625	Total/NA	Water	8260D SIM	
460-321140-11	RW-11D-(262-267)-022625	Total/NA	Water	8260D SIM	
460-321140-12	RW-11S-(236-241)-022625	Total/NA	Water	8260D SIM	
460-321140-13	Trip Blank-02-022625	Total/NA	Water	8260D SIM	
460-321140-14	OB-17-022625	Total/NA	Water	8260D SIM	
460-321140-15	OB-16-022625	Total/NA	Water	8260D SIM	
460-321140-16	OB-14A-022625	Total/NA	Water	8260D SIM	
460-321140-17	OB-24-022625	Total/NA	Water	8260D SIM	
460-321140-18	RW-16-022625	Total/NA	Water	8260D SIM	
MB 460-1024117/8	Method Blank	Total/NA	Water	8260D SIM	
LCS 460-1024117/4	Lab Control Sample	Total/NA	Water	8260D SIM	
LCSD 460-1024117/5	Lab Control Sample Dup	Total/NA	Water	8260D SIM	
460-321140-2 MS	OB-27-022625	Total/NA	Water	8260D SIM	
460-321140-2 MSD	OB-27-022625	Total/NA	Water	8260D SIM	

Analysis Batch: 1024769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321140-6	RW-14S-(135-153)-022625	Total/NA	Water	8260D	
460-321140-7	RW-14D-(175-185)-022625	Total/NA	Water	8260D	
460-321140-8	RW-3DS-(155-160)-022625	Total/NA	Water	8260D	
460-321140-9	RW-3DD-(175-180)-022625	Total/NA	Water	8260D	
460-321140-10	RW-3-(77-87)-022625	Total/NA	Water	8260D	
460-321140-11	RW-11D-(262-267)-022625	Total/NA	Water	8260D	
460-321140-12	RW-11S-(236-241)-022625	Total/NA	Water	8260D	
460-321140-13	Trip Blank-02-022625	Total/NA	Water	8260D	
460-321140-14	OB-17-022625	Total/NA	Water	8260D	
460-321140-15	OB-16-022625	Total/NA	Water	8260D	
460-321140-16	OB-14A-022625	Total/NA	Water	8260D	
460-321140-17	OB-24-022625	Total/NA	Water	8260D	
460-321140-18	RW-16-022625	Total/NA	Water	8260D	
MB 460-1024769/9	Method Blank	Total/NA	Water	8260D	
LCS 460-1024769/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1024769/5	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS VOA

Analysis Batch: 1025015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321140-1	OB-31-022625	Total/NA	Water	8260D	
460-321140-2	OB-27-022625	Total/NA	Water	8260D	
460-321140-3	OB-19-022625	Total/NA	Water	8260D	
460-321140-4	RW-5-022625	Total/NA	Water	8260D	
460-321140-5	DUP-02-022625	Total/NA	Water	8260D	
MB 460-1025015/9	Method Blank	Total/NA	Water	8260D	
LCS 460-1025015/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1025015/5	Lab Control Sample Dup	Total/NA	Water	8260D	
460-321140-2 MS	OB-27-022625	Total/NA	Water	8260D	
460-321140-2 MSD	OB-27-022625	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 1023816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321140-1	OB-31-022625	Total/NA	Water	3510C	
460-321140-2	OB-27-022625	Total/NA	Water	3510C	
460-321140-3	OB-19-022625	Total/NA	Water	3510C	
460-321140-4	RW-5-022625	Total/NA	Water	3510C	
460-321140-5	DUP-02-022625	Total/NA	Water	3510C	
460-321140-6	RW-14S-(135-153)-022625	Total/NA	Water	3510C	
460-321140-7	RW-14D-(175-185)-022625	Total/NA	Water	3510C	
460-321140-8	RW-3DS-(155-160)-022625	Total/NA	Water	3510C	
460-321140-9	RW-3DD-(175-180)-022625	Total/NA	Water	3510C	
460-321140-10	RW-3-(77-87)-022625	Total/NA	Water	3510C	
MB 460-1023816/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1023816/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1023816/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
460-321140-2 MS	OB-27-022625	Total/NA	Water	3510C	
460-321140-2 MSD	OB-27-022625	Total/NA	Water	3510C	

Analysis Batch: 1023900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321140-1	OB-31-022625	Total/NA	Water	8270E SIM ID	1023816
460-321140-2	OB-27-022625	Total/NA	Water	8270E SIM ID	1023816
460-321140-3	OB-19-022625	Total/NA	Water	8270E SIM ID	1023816
460-321140-4	RW-5-022625	Total/NA	Water	8270E SIM ID	1023816
460-321140-5	DUP-02-022625	Total/NA	Water	8270E SIM ID	1023816
460-321140-6	RW-14S-(135-153)-022625	Total/NA	Water	8270E SIM ID	1023816
460-321140-7	RW-14D-(175-185)-022625	Total/NA	Water	8270E SIM ID	1023816
460-321140-8	RW-3DS-(155-160)-022625	Total/NA	Water	8270E SIM ID	1023816
460-321140-9	RW-3DD-(175-180)-022625	Total/NA	Water	8270E SIM ID	1023816
460-321140-10	RW-3-(77-87)-022625	Total/NA	Water	8270E SIM ID	1023816
MB 460-1023816/1-A	Method Blank	Total/NA	Water	8270E SIM ID	1023816
LCS 460-1023816/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	1023816
LCSD 460-1023816/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	1023816
460-321140-2 MS	OB-27-022625	Total/NA	Water	8270E SIM ID	1023816
460-321140-2 MSD	OB-27-022625	Total/NA	Water	8270E SIM ID	1023816

GC/MS Semi VOA

Prep Batch: 1024155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321140-11	RW-11D-(262-267)-022625	Total/NA	Water	3510C	
460-321140-12	RW-11S-(236-241)-022625	Total/NA	Water	3510C	
460-321140-14	OB-17-022625	Total/NA	Water	3510C	
460-321140-15	OB-16-022625	Total/NA	Water	3510C	
460-321140-16	OB-14A-022625	Total/NA	Water	3510C	
460-321140-17	OB-24-022625	Total/NA	Water	3510C	
460-321140-18	RW-16-022625	Total/NA	Water	3510C	
MB 460-1024155/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1024155/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1024155/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 1024287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321140-11	RW-11D-(262-267)-022625	Total/NA	Water	8270E SIM ID	1024155
460-321140-12	RW-11S-(236-241)-022625	Total/NA	Water	8270E SIM ID	1024155
460-321140-14	OB-17-022625	Total/NA	Water	8270E SIM ID	1024155
460-321140-15	OB-16-022625	Total/NA	Water	8270E SIM ID	1024155
460-321140-16	OB-14A-022625	Total/NA	Water	8270E SIM ID	1024155
460-321140-17	OB-24-022625	Total/NA	Water	8270E SIM ID	1024155
460-321140-18	RW-16-022625	Total/NA	Water	8270E SIM ID	1024155
MB 460-1024155/1-A	Method Blank	Total/NA	Water	8270E SIM ID	1024155
LCS 460-1024155/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	1024155
LCSD 460-1024155/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	1024155

Metals

Filtration Batch: 1025226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321140-1	OB-31-022625	Dissolved	Water	FILTRATION	
460-321140-2	OB-27-022625	Dissolved	Water	FILTRATION	
460-321140-3	OB-19-022625	Dissolved	Water	FILTRATION	
460-321140-4	RW-5-022625	Dissolved	Water	FILTRATION	
460-321140-5	DUP-02-022625	Dissolved	Water	FILTRATION	
460-321140-6	RW-14S-(135-153)-022625	Dissolved	Water	FILTRATION	
460-321140-7	RW-14D-(175-185)-022625	Dissolved	Water	FILTRATION	
460-321140-8	RW-3DS-(155-160)-022625	Dissolved	Water	FILTRATION	
460-321140-9	RW-3DD-(175-180)-022625	Dissolved	Water	FILTRATION	
460-321140-10	RW-3-(77-87)-022625	Dissolved	Water	FILTRATION	
460-321140-11	RW-11D-(262-267)-022625	Dissolved	Water	FILTRATION	
460-321140-12	RW-11S-(236-241)-022625	Dissolved	Water	FILTRATION	
460-321140-14	OB-17-022625	Dissolved	Water	FILTRATION	
460-321140-15	OB-16-022625	Dissolved	Water	FILTRATION	
460-321140-16	OB-14A-022625	Dissolved	Water	FILTRATION	
460-321140-17	OB-24-022625	Dissolved	Water	FILTRATION	
460-321140-18	RW-16-022625	Dissolved	Water	FILTRATION	
MB 460-1025226/1-B	Method Blank	Dissolved	Water	FILTRATION	
460-321140-2 MS	OB-27-022625	Dissolved	Water	FILTRATION	
460-321140-2 MSD	OB-27-022625	Dissolved	Water	FILTRATION	
460-321140-2 DU	OB-27-022625	Dissolved	Water	FILTRATION	

Metals

Prep Batch: 1025231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321140-1	OB-31-022625	Dissolved	Water	3005A	1025226
460-321140-2	OB-27-022625	Dissolved	Water	3005A	1025226
460-321140-3	OB-19-022625	Dissolved	Water	3005A	1025226
460-321140-4	RW-5-022625	Dissolved	Water	3005A	1025226
460-321140-5	DUP-02-022625	Dissolved	Water	3005A	1025226
460-321140-6	RW-14S-(135-153)-022625	Dissolved	Water	3005A	1025226
460-321140-7	RW-14D-(175-185)-022625	Dissolved	Water	3005A	1025226
460-321140-8	RW-3DS-(155-160)-022625	Dissolved	Water	3005A	1025226
460-321140-9	RW-3DD-(175-180)-022625	Dissolved	Water	3005A	1025226
460-321140-10	RW-3-(77-87)-022625	Dissolved	Water	3005A	1025226
460-321140-11	RW-11D-(262-267)-022625	Dissolved	Water	3005A	1025226
460-321140-12	RW-11S-(236-241)-022625	Dissolved	Water	3005A	1025226
460-321140-14	OB-17-022625	Dissolved	Water	3005A	1025226
460-321140-15	OB-16-022625	Dissolved	Water	3005A	1025226
460-321140-16	OB-14A-022625	Dissolved	Water	3005A	1025226
460-321140-17	OB-24-022625	Dissolved	Water	3005A	1025226
460-321140-18	RW-16-022625	Dissolved	Water	3005A	1025226
MB 460-1025226/1-B	Method Blank	Dissolved	Water	3005A	1025226
LCS 460-1025231/25-A	Lab Control Sample	Total Recoverable	Water	3005A	
460-321140-2 MS	OB-27-022625	Dissolved	Water	3005A	1025226
460-321140-2 MSD	OB-27-022625	Dissolved	Water	3005A	1025226
460-321140-2 DU	OB-27-022625	Dissolved	Water	3005A	1025226

Prep Batch: 1025239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321140-1	OB-31-022625	Total Recoverable	Water	3005A	
460-321140-2	OB-27-022625	Total Recoverable	Water	3005A	
460-321140-3	OB-19-022625	Total Recoverable	Water	3005A	
460-321140-4	RW-5-022625	Total Recoverable	Water	3005A	
460-321140-5	DUP-02-022625	Total Recoverable	Water	3005A	
460-321140-6	RW-14S-(135-153)-022625	Total Recoverable	Water	3005A	
460-321140-7	RW-14D-(175-185)-022625	Total Recoverable	Water	3005A	
460-321140-8	RW-3DS-(155-160)-022625	Total Recoverable	Water	3005A	
460-321140-9	RW-3DD-(175-180)-022625	Total Recoverable	Water	3005A	
460-321140-10	RW-3-(77-87)-022625	Total Recoverable	Water	3005A	
460-321140-11	RW-11D-(262-267)-022625	Total Recoverable	Water	3005A	
460-321140-12	RW-11S-(236-241)-022625	Total Recoverable	Water	3005A	
460-321140-14	OB-17-022625	Total Recoverable	Water	3005A	
460-321140-15	OB-16-022625	Total Recoverable	Water	3005A	
460-321140-17	OB-24-022625	Total Recoverable	Water	3005A	
460-321140-18	RW-16-022625	Total Recoverable	Water	3005A	
MB 460-1025239/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 460-1025239/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
460-321140-2 MS	OB-27-022625	Total Recoverable	Water	3005A	
460-321140-2 MSD	OB-27-022625	Total Recoverable	Water	3005A	
460-321140-2 DU	OB-27-022625	Total Recoverable	Water	3005A	

Analysis Batch: 1025274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321140-1	OB-31-022625	Dissolved	Water	6020B	1025231
460-321140-2	OB-27-022625	Dissolved	Water	6020B	1025231

Metals (Continued)

Analysis Batch: 1025274 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321140-3	OB-19-022625	Dissolved	Water	6020B	1025231
460-321140-4	RW-5-022625	Dissolved	Water	6020B	1025231
460-321140-5	DUP-02-022625	Dissolved	Water	6020B	1025231
460-321140-6	RW-14S-(135-153)-022625	Dissolved	Water	6020B	1025231
460-321140-7	RW-14D-(175-185)-022625	Dissolved	Water	6020B	1025231
460-321140-8	RW-3DS-(155-160)-022625	Dissolved	Water	6020B	1025231
460-321140-9	RW-3DD-(175-180)-022625	Dissolved	Water	6020B	1025231
460-321140-10	RW-3-(77-87)-022625	Dissolved	Water	6020B	1025231
460-321140-11	RW-11D-(262-267)-022625	Dissolved	Water	6020B	1025231
460-321140-12	RW-11S-(236-241)-022625	Dissolved	Water	6020B	1025231
460-321140-14	OB-17-022625	Dissolved	Water	6020B	1025231
460-321140-15	OB-16-022625	Dissolved	Water	6020B	1025231
460-321140-16	OB-14A-022625	Dissolved	Water	6020B	1025231
460-321140-17	OB-24-022625	Dissolved	Water	6020B	1025231
460-321140-18	RW-16-022625	Dissolved	Water	6020B	1025231
MB 460-1025226/1-B	Method Blank	Dissolved	Water	6020B	1025231
LCS 460-1025231/25-A	Lab Control Sample	Total Recoverable	Water	6020B	1025231
460-321140-2 MS	OB-27-022625	Dissolved	Water	6020B	1025231
460-321140-2 MSD	OB-27-022625	Dissolved	Water	6020B	1025231
460-321140-2 DU	OB-27-022625	Dissolved	Water	6020B	1025231

Analysis Batch: 1025317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321140-1	OB-31-022625	Total Recoverable	Water	6020B	1025239
460-321140-2	OB-27-022625	Total Recoverable	Water	6020B	1025239
460-321140-3	OB-19-022625	Total Recoverable	Water	6020B	1025239
460-321140-4	RW-5-022625	Total Recoverable	Water	6020B	1025239
460-321140-5	DUP-02-022625	Total Recoverable	Water	6020B	1025239
460-321140-6	RW-14S-(135-153)-022625	Total Recoverable	Water	6020B	1025239
460-321140-7	RW-14D-(175-185)-022625	Total Recoverable	Water	6020B	1025239
460-321140-8	RW-3DS-(155-160)-022625	Total Recoverable	Water	6020B	1025239
460-321140-9	RW-3DD-(175-180)-022625	Total Recoverable	Water	6020B	1025239
460-321140-10	RW-3-(77-87)-022625	Total Recoverable	Water	6020B	1025239
460-321140-11	RW-11D-(262-267)-022625	Total Recoverable	Water	6020B	1025239
460-321140-12	RW-11S-(236-241)-022625	Total Recoverable	Water	6020B	1025239
460-321140-14	OB-17-022625	Total Recoverable	Water	6020B	1025239
460-321140-15	OB-16-022625	Total Recoverable	Water	6020B	1025239
460-321140-17	OB-24-022625	Total Recoverable	Water	6020B	1025239
460-321140-18	RW-16-022625	Total Recoverable	Water	6020B	1025239
MB 460-1025239/1-A	Method Blank	Total Recoverable	Water	6020B	1025239
LCS 460-1025239/2-A	Lab Control Sample	Total Recoverable	Water	6020B	1025239
460-321140-2 MS	OB-27-022625	Total Recoverable	Water	6020B	1025239
460-321140-2 MSD	OB-27-022625	Total Recoverable	Water	6020B	1025239
460-321140-2 DU	OB-27-022625	Total Recoverable	Water	6020B	1025239

Prep Batch: 1025474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321140-16	OB-14A-022625	Total Recoverable	Water	3005A	
MB 460-1025474/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 460-1025474/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
460-321264-F-1-C MS	Matrix Spike	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 1025474 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-F-1-B DU	Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 1025482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321140-16	OB-14A-022625	Total Recoverable	Water	6020B	1025474
MB 460-1025474/1-A	Method Blank	Total Recoverable	Water	6020B	1025474
LCS 460-1025474/2-A	Lab Control Sample	Total Recoverable	Water	6020B	1025474
460-321264-F-1-C MS	Matrix Spike	Total Recoverable	Water	6020B	1025474
460-321264-F-1-B DU	Duplicate	Total Recoverable	Water	6020B	1025474

Analysis Batch: 1025593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321140-10	RW-3-(77-87)-022625	Total Recoverable	Water	6020B	1025239
460-321140-11	RW-11D-(262-267)-022625	Total Recoverable	Water	6020B	1025239
460-321140-12	RW-11S-(236-241)-022625	Total Recoverable	Water	6020B	1025239
460-321140-14	OB-17-022625	Total Recoverable	Water	6020B	1025239
460-321140-15	OB-16-022625	Total Recoverable	Water	6020B	1025239
460-321140-17	OB-24-022625	Total Recoverable	Water	6020B	1025239
460-321140-18	RW-16-022625	Total Recoverable	Water	6020B	1025239

Lab Chronicle

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Client Sample ID: OB-31-022625

Lab Sample ID: 460-321140-1

Date Collected: 02/26/25 12:05

Matrix: Water

Date Received: 02/27/25 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1025015	CJM	EET EDI	03/10/25 17:50
Total/NA	Analysis	8260D SIM		1	1023952	SZD	EET EDI	03/04/25 13:52
Total/NA	Prep	3510C			1023816	SXS	EET EDI	03/03/25 09:29
Total/NA	Analysis	8270E SIM ID		1	1023900	MME	EET EDI	03/03/25 23:06
Dissolved	Filtration	FILTRATION			1025226	CDC	EET EDI	03/11/25 10:20
Dissolved	Prep	3005A			1025231	CDC	EET EDI	03/11/25 10:33
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 12:40
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:01
Total Recoverable	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 19:11

Client Sample ID: OB-27-022625

Lab Sample ID: 460-321140-2

Date Collected: 02/26/25 13:25

Matrix: Water

Date Received: 02/27/25 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1025015	CJM	EET EDI	03/10/25 18:38
Total/NA	Analysis	8260D SIM		1	1024117	SZD	EET EDI	03/05/25 09:26
Total/NA	Prep	3510C			1023816	SXS	EET EDI	03/03/25 09:29
Total/NA	Analysis	8270E SIM ID		1	1023900	MME	EET EDI	03/03/25 21:33
Dissolved	Filtration	FILTRATION			1025226	CDC	EET EDI	03/11/25 10:20
Dissolved	Prep	3005A			1025231	CDC	EET EDI	03/11/25 10:33
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 12:35
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:01
Total Recoverable	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 18:56

Client Sample ID: OB-19-022625

Lab Sample ID: 460-321140-3

Date Collected: 02/26/25 10:50

Matrix: Water

Date Received: 02/27/25 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1025015	CJM	EET EDI	03/10/25 17:26
Total/NA	Analysis	8260D SIM		1	1023952	SZD	EET EDI	03/04/25 14:13
Total/NA	Prep	3510C			1023816	SXS	EET EDI	03/03/25 09:29
Total/NA	Analysis	8270E SIM ID		1	1023900	MME	EET EDI	03/03/25 23:22
Dissolved	Filtration	FILTRATION			1025226	CDC	EET EDI	03/11/25 10:20
Dissolved	Prep	3005A			1025231	CDC	EET EDI	03/11/25 10:33
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 12:43
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:01
Total Recoverable	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 19:14

Lab Chronicle

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Client Sample ID: RW-5-022625

Lab Sample ID: 460-321140-4

Date Collected: 02/26/25 09:55

Matrix: Water

Date Received: 02/27/25 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1025015	CJM	EET EDI	03/10/25 17:01
Total/NA	Analysis	8260D SIM		1	1023952	SZD	EET EDI	03/04/25 14:35
Total/NA	Prep	3510C			1023816	SXS	EET EDI	03/03/25 09:29
Total/NA	Analysis	8270E SIM ID		1	1023900	MME	EET EDI	03/03/25 23:38
Dissolved	Filtration	FILTRATION			1025226	CDC	EET EDI	03/11/25 10:20
Dissolved	Prep	3005A			1025231	CDC	EET EDI	03/11/25 10:33
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 12:45
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:01
Total Recoverable	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 19:17

Client Sample ID: DUP-02-022625

Lab Sample ID: 460-321140-5

Date Collected: 02/26/25 12:00

Matrix: Water

Date Received: 02/27/25 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1025015	CJM	EET EDI	03/10/25 18:14
Total/NA	Analysis	8260D SIM		1	1023952	SZD	EET EDI	03/04/25 14:56
Total/NA	Prep	3510C			1023816	SXS	EET EDI	03/03/25 09:29
Total/NA	Analysis	8270E SIM ID		1	1023900	MME	EET EDI	03/03/25 23:53
Dissolved	Filtration	FILTRATION			1025226	CDC	EET EDI	03/11/25 10:20
Dissolved	Prep	3005A			1025231	CDC	EET EDI	03/11/25 10:33
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 12:53
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:01
Total Recoverable	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 19:19

Client Sample ID: RW-14S-(135-153)-022625

Lab Sample ID: 460-321140-6

Date Collected: 02/26/25 11:20

Matrix: Water

Date Received: 02/27/25 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024769	KLB	EET EDI	03/08/25 02:10
Total/NA	Analysis	8260D SIM		1	1023952	SZD	EET EDI	03/04/25 15:18
Total/NA	Prep	3510C			1023816	SXS	EET EDI	03/03/25 09:29
Total/NA	Analysis	8270E SIM ID		1	1023900	MME	EET EDI	03/04/25 00:09
Dissolved	Filtration	FILTRATION			1025226	CDC	EET EDI	03/11/25 10:20
Dissolved	Prep	3005A			1025231	CDC	EET EDI	03/11/25 10:33
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 12:56
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:01
Total Recoverable	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 19:22

Lab Chronicle

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Client Sample ID: RW-14D-(175-185)-022625

Lab Sample ID: 460-321140-7

Date Collected: 02/26/25 11:45
Matrix: Water
Date Received: 02/27/25 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024769	KLB	EET EDI	03/08/25 02:34
Total/NA	Analysis	8260D SIM		1	1024117	SZD	EET EDI	03/05/25 09:48
Total/NA	Prep	3510C			1023816	SXS	EET EDI	03/03/25 09:29
Total/NA	Analysis	8270E SIM ID		1	1023900	MME	EET EDI	03/04/25 00:25
Dissolved	Filtration	FILTRATION			1025226	CDC	EET EDI	03/11/25 10:20
Dissolved	Prep	3005A			1025231	CDC	EET EDI	03/11/25 10:33
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 12:58
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:01
Total Recoverable	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 19:24

Client Sample ID: RW-3DS-(155-160)-022625

Lab Sample ID: 460-321140-8

Date Collected: 02/26/25 12:15
Matrix: Water
Date Received: 02/27/25 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024769	KLB	EET EDI	03/08/25 02:59
Total/NA	Analysis	8260D SIM		1	1024117	SZD	EET EDI	03/05/25 10:09
Total/NA	Prep	3510C			1023816	SXS	EET EDI	03/03/25 09:29
Total/NA	Analysis	8270E SIM ID		1	1023900	MME	EET EDI	03/04/25 00:40
Dissolved	Filtration	FILTRATION			1025226	CDC	EET EDI	03/11/25 10:20
Dissolved	Prep	3005A			1025231	CDC	EET EDI	03/11/25 10:33
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 13:01
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:01
Total Recoverable	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 19:27

Client Sample ID: RW-3DD-(175-180)-022625

Lab Sample ID: 460-321140-9

Date Collected: 02/26/25 12:40
Matrix: Water
Date Received: 02/27/25 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024769	KLB	EET EDI	03/08/25 03:23
Total/NA	Analysis	8260D SIM		1	1024117	SZD	EET EDI	03/05/25 10:31
Total/NA	Prep	3510C			1023816	SXS	EET EDI	03/03/25 09:29
Total/NA	Analysis	8270E SIM ID		1	1023900	MME	EET EDI	03/04/25 00:56
Dissolved	Filtration	FILTRATION			1025226	CDC	EET EDI	03/11/25 10:20
Dissolved	Prep	3005A			1025231	CDC	EET EDI	03/11/25 10:33
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 13:03
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:01
Total Recoverable	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 19:30

Client Sample ID: RW-3-(77-87)-022625

Lab Sample ID: 460-321140-10

Date Collected: 02/26/25 13:20

Matrix: Water

Date Received: 02/27/25 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024769	KLB	EET EDI	03/08/25 03:48
Total/NA	Analysis	8260D SIM		1	1024117	SZD	EET EDI	03/05/25 10:52
Total/NA	Prep	3510C			1023816	SXS	EET EDI	03/03/25 09:29
Total/NA	Analysis	8270E SIM ID		1	1023900	MME	EET EDI	03/04/25 01:12
Dissolved	Filtration	FILTRATION			1025226	CDC	EET EDI	03/11/25 10:20
Dissolved	Prep	3005A			1025231	CDC	EET EDI	03/11/25 10:33
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 13:06
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:01
Total Recoverable	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 19:37
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:01
Total Recoverable	Analysis	6020B		1	1025593	DLE	EET EDI	03/12/25 18:55

Client Sample ID: RW-11D-(262-267)-022625

Lab Sample ID: 460-321140-11

Date Collected: 02/26/25 14:15

Matrix: Water

Date Received: 02/27/25 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024769	KLB	EET EDI	03/08/25 04:12
Total/NA	Analysis	8260D SIM		1	1024117	SZD	EET EDI	03/05/25 11:14
Total/NA	Prep	3510C			1024155	BXP	EET EDI	03/05/25 08:40
Total/NA	Analysis	8270E SIM ID		1	1024287	MME	EET EDI	03/05/25 21:49
Dissolved	Filtration	FILTRATION			1025226	CDC	EET EDI	03/11/25 10:20
Dissolved	Prep	3005A			1025231	CDC	EET EDI	03/11/25 10:33
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 13:09
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:01
Total Recoverable	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 19:40
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:01
Total Recoverable	Analysis	6020B		1	1025593	DLE	EET EDI	03/12/25 18:57

Client Sample ID: RW-11S-(236-241)-022625

Lab Sample ID: 460-321140-12

Date Collected: 02/26/25 14:45

Matrix: Water

Date Received: 02/27/25 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024769	KLB	EET EDI	03/08/25 04:36
Total/NA	Analysis	8260D SIM		1	1024117	SZD	EET EDI	03/05/25 11:36
Total/NA	Prep	3510C			1024155	BXP	EET EDI	03/05/25 08:40
Total/NA	Analysis	8270E SIM ID		1	1024287	MME	EET EDI	03/05/25 22:05
Dissolved	Filtration	FILTRATION			1025226	CDC	EET EDI	03/11/25 10:20
Dissolved	Prep	3005A			1025231	CDC	EET EDI	03/11/25 10:33
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 13:11
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:01
Total Recoverable	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 19:43
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:01
Total Recoverable	Analysis	6020B		1	1025593	DLE	EET EDI	03/12/25 19:00

Lab Chronicle

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Client Sample ID: Trip Blank-02-022625

Lab Sample ID: 460-321140-13

Date Collected: 02/26/25 00:00
Matrix: Water
Date Received: 02/27/25 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024769	KLB	EET EDI	03/07/25 23:44
Total/NA	Analysis	8260D SIM		1	1024117	SZD	EET EDI	03/05/25 09:04

Client Sample ID: OB-17-022625

Lab Sample ID: 460-321140-14

Date Collected: 02/26/25 09:50
Matrix: Water
Date Received: 02/27/25 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024769	KLB	EET EDI	03/08/25 05:00
Total/NA	Analysis	8260D SIM		1	1024117	SZD	EET EDI	03/05/25 11:57
Total/NA	Prep	3510C			1024155	BXP	EET EDI	03/05/25 08:40
Total/NA	Analysis	8270E SIM ID		1	1024287	MME	EET EDI	03/05/25 22:40
Dissolved	Filtration	FILTRATION			1025226	CDC	EET EDI	03/11/25 10:20
Dissolved	Prep	3005A			1025231	CDC	EET EDI	03/11/25 10:33
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 13:14
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:01
Total Recoverable	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 19:45
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:01
Total Recoverable	Analysis	6020B		1	1025593	DLE	EET EDI	03/12/25 19:03

Client Sample ID: OB-16-022625

Lab Sample ID: 460-321140-15

Date Collected: 02/26/25 11:10
Matrix: Water
Date Received: 02/27/25 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024769	KLB	EET EDI	03/08/25 05:25
Total/NA	Analysis	8260D SIM		1	1024117	SZD	EET EDI	03/05/25 12:19
Total/NA	Prep	3510C			1024155	BXP	EET EDI	03/05/25 08:40
Total/NA	Analysis	8270E SIM ID		1	1024287	MME	EET EDI	03/05/25 22:56
Dissolved	Filtration	FILTRATION			1025226	CDC	EET EDI	03/11/25 10:20
Dissolved	Prep	3005A			1025231	CDC	EET EDI	03/11/25 10:33
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 13:16
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:01
Total Recoverable	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 19:48
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:01
Total Recoverable	Analysis	6020B		1	1025593	DLE	EET EDI	03/12/25 19:05

Client Sample ID: OB-14A-022625

Lab Sample ID: 460-321140-16

Date Collected: 02/26/25 12:45
Matrix: Water
Date Received: 02/27/25 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024769	KLB	EET EDI	03/08/25 05:49
Total/NA	Analysis	8260D SIM		1	1024117	SZD	EET EDI	03/05/25 12:41

Lab Chronicle

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Client Sample ID: OB-14A-022625

Lab Sample ID: 460-321140-16

Date Collected: 02/26/25 12:45

Matrix: Water

Date Received: 02/27/25 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			1024155	BXP	EET EDI	03/05/25 08:40
Total/NA	Analysis	8270E SIM ID		1	1024287	MME	EET EDI	03/05/25 23:11
Dissolved	Filtration	FILTRATION			1025226	CDC	EET EDI	03/11/25 10:20
Dissolved	Prep	3005A			1025231	CDC	EET EDI	03/11/25 10:33
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 13:27
Total Recoverable	Prep	3005A			1025474	NNW	EET EDI	03/12/25 11:45
Total Recoverable	Analysis	6020B		1	1025482	JKF	EET EDI	03/12/25 16:55

Client Sample ID: OB-24-022625

Lab Sample ID: 460-321140-17

Date Collected: 02/26/25 14:00

Matrix: Water

Date Received: 02/27/25 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024769	KLB	EET EDI	03/08/25 06:13
Total/NA	Analysis	8260D SIM		1	1024117	SZD	EET EDI	03/05/25 13:02
Total/NA	Prep	3510C			1024155	BXP	EET EDI	03/05/25 08:40
Total/NA	Analysis	8270E SIM ID		1	1024287	MME	EET EDI	03/05/25 23:27
Dissolved	Filtration	FILTRATION			1025226	CDC	EET EDI	03/11/25 10:20
Dissolved	Prep	3005A			1025231	CDC	EET EDI	03/11/25 10:33
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 13:29
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:14
Total Recoverable	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 19:53
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:14
Total Recoverable	Analysis	6020B		1	1025593	DLE	EET EDI	03/12/25 19:10

Client Sample ID: RW-16-022625

Lab Sample ID: 460-321140-18

Date Collected: 02/26/25 15:00

Matrix: Water

Date Received: 02/27/25 18:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024769	KLB	EET EDI	03/08/25 06:38
Total/NA	Analysis	8260D SIM		1	1024117	SZD	EET EDI	03/05/25 13:24
Total/NA	Prep	3510C			1024155	BXP	EET EDI	03/05/25 08:40
Total/NA	Analysis	8270E SIM ID		1	1024287	MME	EET EDI	03/05/25 23:43
Dissolved	Filtration	FILTRATION			1025226	CDC	EET EDI	03/11/25 10:20
Dissolved	Prep	3005A			1025231	CDC	EET EDI	03/11/25 10:33
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 13:32
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:01
Total Recoverable	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 19:51
Total Recoverable	Prep	3005A			1025239	NNW	EET EDI	03/11/25 11:01
Total Recoverable	Analysis	6020B		1	1025593	DLE	EET EDI	03/12/25 19:08

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Cornerstone Environmental Group, LLC
Job ID: 460-321140-1
Project/Site: FORD Ringwood Mines E203361

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	12028	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D SIM		Water	1,2,3-Trichloropropane
8260D SIM		Water	1,2-Dibromo-3-Chloropropane
8260D SIM		Water	Ethylene Dibromide
8260D SIM		Water	Vinyl chloride

Method Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8260D SIM	Volatile Organic Compounds (GC/MS)	SW846	EET EDI
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET EDI
6020B	Metals (ICP/MS)	SW846	EET EDI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI
FILTRATION	Sample Filtration	None	EET EDI

Protocol References:

None = None

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

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321140-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-321140-1	OB-31-022625	Water	02/26/25 12:05	02/27/25 18:20
460-321140-2	OB-27-022625	Water	02/26/25 13:25	02/27/25 18:20
460-321140-3	OB-19-022625	Water	02/26/25 10:50	02/27/25 18:20
460-321140-4	RW-5-022625	Water	02/26/25 09:55	02/27/25 18:20
460-321140-5	DUP-02-022625	Water	02/26/25 12:00	02/27/25 18:20
460-321140-6	RW-14S-(135-153)-022625	Water	02/26/25 11:20	02/27/25 18:20
460-321140-7	RW-14D-(175-185)-022625	Water	02/26/25 11:45	02/27/25 18:20
460-321140-8	RW-3DS-(155-160)-022625	Water	02/26/25 12:15	02/27/25 18:20
460-321140-9	RW-3DD-(175-180)-022625	Water	02/26/25 12:40	02/27/25 18:20
460-321140-10	RW-3-(77-87)-022625	Water	02/26/25 13:20	02/27/25 18:20
460-321140-11	RW-11D-(262-267)-022625	Water	02/26/25 14:15	02/27/25 18:20
460-321140-12	RW-11S-(236-241)-022625	Water	02/26/25 14:45	02/27/25 18:20
460-321140-13	Trip Blank-02-022625	Water	02/26/25 00:00	02/27/25 18:20
460-321140-14	OB-17-022625	Water	02/26/25 09:50	02/27/25 18:20
460-321140-15	OB-16-022625	Water	02/26/25 11:10	02/27/25 18:20
460-321140-16	OB-14A-022625	Water	02/26/25 12:45	02/27/25 18:20
460-321140-17	OB-24-022625	Water	02/26/25 14:00	02/27/25 18:20
460-321140-18	RW-16-022625	Water	02/26/25 15:00	02/27/25 18:20

Chain of Custody Record

635666

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Address. _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Tim Roeper	Site Contact:	Date:	COC No:
Company Name: Tetra Tech / Cornerstone	Tel/Email: Tim.Roeper@tetratech.com	Lab Contact:	Carrier:	____ of ____ COCs
Address: 100 Crystal Run Rd Ste 101	Analysis Turnaround Time			Sampler:
City/State/Zip: Middletown, NY 10941	☒ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 845-695-0200	TAT if different from Below _____			Walk-in Client:
Fax:	☒ 2 weeks			Lab Sampling:
Project Name: Ford Ringwood Mines	☐ 1 week			
Site: Ringwood, NJ	☐ 2 days			Job / SDG No.
PO # 209-4213111-003	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8260D TCL VOCs SIM	6020B - As, Pb	6020B Diss As, Pb	8270E 1,4-Dioxane SIM	Sample Specific Notes:
OB-31-022625	2/26/25	1205	G	GW	8	N	N	X	X	X	X	-1
OB-27-022625 MS/MSD		1325	G	GW	24	N	Y	X	X	X	X	-2
OB-19-022625		1050	G	GW	8	N	N	X	X	X	X	-3
RW-5-022625		0955	G	GW	8	N	N	X	X	X	X	-4
DUP-02-022625		1200	G	GW	8	N	N	X	X	X	X	-5
RW-14S-(135-153)-022625		1120	G	GW	8	N	N	X	X	X	X	-6
RW-14D-(175-185)-022625		1145	G	GW	8	N	N	X	X	X	X	-7
RW-3DS-(155-160)-022625		1215	G	GW	8	N	N	X	X	X	X	-8
RW-3DD-(175-180)-022625		1240	G	GW	8	N	N	X	X	X	X	-9
RW-3-(72-82)-022625		1320	G	GW	8	N	N	X	X	X	X	-10
RW-11D-(262-267)-022625		1415	G	GW	8	N	N	X	X	X	X	-11
RW-11S-(236-241)-022625		1445	G	GW	8	N	N	X	X	X	X	-12

321140

460-321140 Chain of Custody

ELAP CERT 2929

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other _____

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments. 6020B Diss-As Pb lab Filtered
8270E - 1,4-Dioxane Isotope Dilution- SIM

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ Therm ID No.: _____	
Relinquished by: David Wheeler	Company: TT	Date/Time: 02/27/25 0800	Received by: [signature]
Relinquished by: [signature]	Company: FTA	Date/Time: 02-27-25 1700	Received by: [signature]
Relinquished by: [signature]	Company: EET 2-27-25	Date/Time: 1830	Received in Laboratory by: [signature]

Company	Date/Time
FTA	02-27-25 1110
EET 2-27-25	1530
Eurofins	2/27/25 1820

NO ICB RR #4 1.2/1.6-1.3/1.7-1.2/1.6

3/11/2025

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Chain of Custody Record

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Address. _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Tim Rapp	Site Contact:	Date:	COC No:
Company Name: Tetra Tech/Conestoga	Tel/Email: Tim.Rapp@tetratech.com	Lab Contact:	Carrier:	_____ of _____ COCs
Address: 100 Crystal Run Ste 101	Analysis Turnaround Time			Sampler:
City/State/Zip. Middletown, NY 10941	☒ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 845-695-6200	TAT if different from Below _____			Walk-in Client:
Fax:	☒ 2 weeks			Lab Sampling
Project Name: Ford Ringwood Mines	☐ 1 week			
Site: Ringwood, NJ	☐ 2 days			Job / SDG No.
PO# 209-42131-1-003	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8260D TCL VOC + STM	6020B - As, Pb	6020B - Diss As, Pb	8270E 1,4 Dioxane ID/STM	Sample Specific Notes:
												321140
Trip Blank-02-022625	02/26/25	—	G	BW	2	N	N	X				-13
OB-17-022625	2/26/25	0950	G	GW	8	N	N	X	X	X	X	-14
OB-16-022625	2/26/25	1110	G	GW	8	N	N	X	X	X	X	-15
OB-14A-022625	2/26/25	1245	G	GW	8	N	N	X	X	X	X	-16
OB-24-022625	2/26/25	1400	G	GW	8	N	N	X	X	X	X	-17
RW-16-022625	2/26/25	1500	G	GW	8	N	N	X	X	X	X	-18

ELAP 27

Page 77 of 79

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH, 6= Other _____

Possible Hazard Identification

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments 6020B - Diss As,Pb Lab Filtered
8270E - 1,4 Dioxane Isotope Dilution - STM

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No | Cooler Temp. (°C) Obs'd._____ Corr'd._____ Therm ID No._____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Daniel Wheeler	Tt	02/27/25 0800		EEA	02-27-25 1110
	EEA	02-27-25 1700		EET 2-27-25	15:30
	EET 2-27-25	18:20	Received in Laboratory by:		2/27/25 1820

3/11/2025

no/cs ZE #4 Cr 1.2/1.6-4.3/1.7-1.2/1.6

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 321140

Number of Coolers: 3 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.2°C	1.6°C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	1.3°C	1.7°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	1.2°C	1.6°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
1 14				<2 <2											
2 15				<2 <2											
3 16				<2 <2											
4 17				<2 <2											
5 18				<2 <2											
6				<2											
7				<2											
8				<2											
9				<2											
10				<2											
11				<2											
12				<2											
13															

If pH adjustments are required record the information below*

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml)* _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038 Rev 4.1
10/22/2019

Initials: ML Date: 2-27-25

Login Sample Receipt Checklist

Client: Cornerstone Environmental Group, LLC

Job Number: 460-321140-1

Login Number: 321140
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Robert Schellberg
Cornerstone Environmental Group, LLC
100 Crystal Run Road
Suite 101
Middletown, New York 10941

Generated 3/17/2025 2:11:29 PM

JOB DESCRIPTION

FORD Ringwood Mines E203361

JOB NUMBER

460-321264-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Job Notes

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

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

Authorization

Maria Luisa M. Cruz

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3/17/2025 2:11:29 PM

Authorized for release by
Maria Luisa Cruz, Project Manager II
Maria.Cruz@et.eurofinsus.com
(732)549-3900

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Definitions/Glossary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

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

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name: Eurofins Edison

Client: Cornerstone Environmental Group, LLC

Project Location: FORD Ringwood Mines E203361

Project Number: 460-321264-1

Laboratory Sample ID(s): 460-321264-1, 460-321264-2, 460-321264-3, 460-321264-4, 460-321264-5, 460-321264-6, 460-321264-7, 460-321264-8, 460-321264-9, 460-321264-10, 460-321264-11, 460-321264-12, 460-321264-13, 460-321264-14, 460-321264-15, 460-321264-16, 460-321264-17, 460-321264-18, 460-321264-19, 460-321264-20, 460-321264-21, 460-321264-22

Sampling Date(s): 02/27/2025, 02/28/2025

List DKQP Methods Used: 8260D, 8260D SIM, 6020B

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☑Yes ☐No
1A	Were the method specified handling, preservation, and holding time requirements met?	☐Yes ☐No ☑ See case narrative
1B	*EPH Method:* Was the EPH method conducted without significant modifications? (see Section 11.3 of respective DKQ methods)	☐Yes ☐No ☑N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody documents(s)?	☐Yes ☐No ☑ See case narrative
3	Were samples received at an appropriate temperature (4±2° C)?	☑Yes ☐No ☐N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐Yes ☑No
5	a) Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt?	☐Yes ☐No ☑ See case narrative
	b) Were these reporting limits met?	☐Yes ☐No ☐N/A ☑ See case narrative
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☑Yes ☐No
7	Are project-specific matrix spike and/or laboratory duplicates included in this data set?	☐Yes ☑No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet requirements for "Data of Known Quality."

Job Narrative
460-321264-1

Receipt
The samples were received on 2/28/2025 6:45 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.7º C, 1.8º C and 1.9º C.

Receipt Exceptions

Per laboratory policy, the Trip Blank sample date/time was changed to reflect the latest sample date/time of the sampling event.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1024626 recovered above the upper control limit for Chloroethane and Methyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1024626 recovered outside control limits for the following analytes: Chloroethane and Methyl acetate. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1024626 recovered outside control limits for the following analytes: Bromomethane and Methyl acetate.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1024560 recovered above the upper control limit for 1,1-Dichloroethene, Chloroethane and Methyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1024560 recovered outside control limits for the following analytes: Chloroethane. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1024560 recovered outside control limits for the following analyte: Bromomethane.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1025578 was outside the method criteria for the following analytes: Dichlorodifluoromethane, Chloromethane and Methyl acetate (biased high); any detection for the affected analyte(s) is considered estimated.

Method 8260D SIM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1024981 recovered outside control limits for the following analytes: Ethylene Dibromide.

Method 8260D SIM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1025129 recovered outside control limit for 1,2,3-Trichloropropane.

Method 8260D SIM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1025428 recovered outside control limit for 1,2,3-Trichloropropane.

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

GC/MS Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
Method FILTRATION: The following samples were not filtered and preserved within 15 minutes of sample collection in accordance with 40 CFR Part 136 Table II, Footnote 7, method 6020B. The samples were filtered prior to analysis at the laboratory.

OB-3-022725 (460-321264-1), OB-10-022725 (460-321264-2), OB-29-022725 (460-321264-3), FB-03-022725 (460-321264-4), OB-11R-022725 (460-321264-5), OB-32-022725 (460-321264-6), RW-6A-022725 (460-321264-7), RW-6-022725 (460-321264-8), OB-20B-022725 (460-321264-9), RW-2D-(452-462)-022725 (460-321264-11), RW-2S-(279-289)-022725 (460-321264-12), RW-12S-(55-65)-022725 (460-321264-13), RW-12D-(130-140)-022725 (460-321264-14) and RW-10S-(120-130)-022725 (460-321264-15)

Method FILTRATION: The following samples were not filtered and preserved within 15 minutes of sample collection in accordance with 40 CFR Part 136 Table II, Footnote 7, method 6020B. The samples were filtered prior to analysis at the laboratory.

RW-10D-(185-195)-022725 (460-321264-16), RW-9S-(139-149)-022725 (460-321264-17), RW-9D-(206-216)-022725 (460-321264-18), RW-8D-(204-214)-022825 (460-321264-19), RW-8S-(163-173)-022825 (460-321264-20), RW-15D-(127-137)-022825 (460-321264-21) and RW-15S-(110-120)-022825 (460-321264-22)

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

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

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

Detection Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: OB-3-022725 — Lab Sample ID: 460-321264-1

No Detections.

Client Sample ID: OB-10-022725 — Lab Sample ID: 460-321264-2

No Detections.

Client Sample ID: OB-29-022725 — Lab Sample ID: 460-321264-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.74	J	1.2	0.42	ug/L	1		6020B	Total Recoverable

Client Sample ID: FB-03-022725 — Lab Sample ID: 460-321264-4

No Detections.

Client Sample ID: OB-11R-022725 — Lab Sample ID: 460-321264-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.077		0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Chloroethane	35		1.0	0.32	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.46	J	1.0	0.22	ug/L	1		8260D	Total/NA
Cyclohexane	2.4		1.0	0.32	ug/L	1		8260D	Total/NA
Isopropylbenzene	0.77	J	1.0	0.34	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.26	J	1.0	0.22	ug/L	1		8260D	Total/NA
1,4-Dioxane	3.8		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA
Arsenic	31.9		2.0	1.2	ug/L	1		6020B	Total Recoverable

Client Sample ID: OB-32-022725 — Lab Sample ID: 460-321264-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.6	J	5.0	4.4	ug/L	1		8260D	Total/NA
Cyclohexane	0.46	J	1.0	0.32	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.87	J	1.0	0.22	ug/L	1		8260D	Total/NA
Arsenic	20.4		2.0	1.2	ug/L	1		6020B	Total Recoverable

Client Sample ID: RW-6A-022725 — Lab Sample ID: 460-321264-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.5		0.45	0.070	ug/L	1		8260D	Total/NA
Chloroethane	0.87	J	1.0	0.32	ug/L	1		8260D	Total/NA
Cyclohexane	1.9		1.0	0.32	ug/L	1		8260D	Total/NA
Dichlorodifluoromethane	0.31	J	1.0	0.31	ug/L	1		8260D	Total/NA
Isopropylbenzene	3.7		1.0	0.34	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.48	J	1.0	0.22	ug/L	1		8260D	Total/NA
Methylcyclohexane	0.81	J	1.0	0.71	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.82		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA
Lead	0.58	J	1.2	0.42	ug/L	1		6020B	Total Recoverable

Client Sample ID: RW-6-022725 — Lab Sample ID: 460-321264-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.025	J	0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Chloroethane	1.4		1.0	0.32	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: RW-6-022725 (Continued) — Lab Sample ID: 460-321264-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyclohexane	0.46	J	1.0	0.32	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.38	J	1.0	0.22	ug/L	1		8260D	Total/NA

Client Sample ID: OB-20B-022725 — Lab Sample ID: 460-321264-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	19		5.0	4.4	ug/L	1		8260D	Total/NA
Chloroethane	0.44	J	1.0	0.32	ug/L	1		8260D	Total/NA
Cyclohexane	0.61	J	1.0	0.32	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.58	J	1.0	0.22	ug/L	1		8260D	Total/NA
Arsenic	2.1		2.0	1.2	ug/L	1		6020B	Total Recoverable
Lead	0.58	J	1.2	0.42	ug/L	1		6020B	Total Recoverable

Client Sample ID: Trip Blank-03-022725 — Lab Sample ID: 460-321264-10

No Detections.

Client Sample ID: RW-2D-(452-462)-022725 — Lab Sample ID: 460-321264-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.14		0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Acetone	14		5.0	4.4	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.46	J	1.0	0.22	ug/L	1		8260D	Total/NA
Toluene	0.48	J	1.0	0.38	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.62		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA
Arsenic	5.5		2.0	1.2	ug/L	1		6020B	Total Recoverable
Arsenic	5.8		2.0	1.2	ug/L	1		6020B	Dissolved

Client Sample ID: RW-2S-(279-289)-022725 — Lab Sample ID: 460-321264-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.13		0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Chlorobenzene	1.9		1.0	0.38	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.55	J	1.0	0.22	ug/L	1		8260D	Total/NA
Toluene	0.80	J	1.0	0.38	ug/L	1		8260D	Total/NA
1,4-Dioxane	4.9		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA
Arsenic	2.1		2.0	1.2	ug/L	1		6020B	Total Recoverable
Lead	0.44	J	1.2	0.42	ug/L	1		6020B	Total Recoverable
Arsenic	3.1		2.0	1.2	ug/L	1		6020B	Dissolved

Client Sample ID: RW-12S-(55-65)-022725 — Lab Sample ID: 460-321264-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.95	J	1.0	0.82	ug/L	1		8260D	Total/NA
Chloromethane	0.53	J	1.0	0.40	ug/L	1		8260D	Total/NA
Toluene	0.62	J	1.0	0.38	ug/L	1		8260D	Total/NA
Trichloroethene	0.53		0.28	0.074	ug/L	1		8260D	Total/NA
Arsenic	6.5		2.0	1.2	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: RW-12S-(55-65)-022725 (Continued) — Lab Sample ID: 460-321264-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	2.3		1.2	0.42	ug/L	1		6020B	Total Recoverable
Arsenic	8.4		2.0	1.2	ug/L	1		6020B	Dissolved

Client Sample ID: RW-12D-(130-140)-022725 — Lab Sample ID: 460-321264-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	11.2		2.0	1.2	ug/L	1		6020B	Total Recoverable
Lead	4.2		1.2	0.42	ug/L	1		6020B	Total Recoverable
Arsenic	8.5		2.0	1.2	ug/L	1		6020B	Dissolved

Client Sample ID: RW-10S-(120-130)-022725 — Lab Sample ID: 460-321264-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.059		0.035	0.0050	ug/L	1		8260D SIM	Total/NA
2-Butanone (MEK)	3.5	J	5.0	1.9	ug/L	1		8260D	Total/NA
Acetone	43		5.0	4.4	ug/L	1		8260D	Total/NA
Carbon disulfide	1.1		1.0	0.82	ug/L	1		8260D	Total/NA
Arsenic	6.6		2.0	1.2	ug/L	1		6020B	Total Recoverable
Arsenic	7.6		2.0	1.2	ug/L	1		6020B	Dissolved

Client Sample ID: RW-10D-(185-195)-022725 — Lab Sample ID: 460-321264-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.11		0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Acetone	9.4		5.0	4.4	ug/L	1		8260D	Total/NA
Carbon disulfide	0.92	J	1.0	0.82	ug/L	1		8260D	Total/NA
Toluene	0.43	J	1.0	0.38	ug/L	1		8260D	Total/NA
Arsenic	5.6		2.0	1.2	ug/L	1		6020B	Total Recoverable
Arsenic	5.2		2.0	1.2	ug/L	1		6020B	Dissolved

Client Sample ID: RW-9S-(139-149)-022725 — Lab Sample ID: 460-321264-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.076		0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Carbon disulfide	2.4		1.0	0.82	ug/L	1		8260D	Total/NA
Arsenic	2.2		2.0	1.2	ug/L	1		6020B	Total Recoverable
Arsenic	1.3	J	2.0	1.2	ug/L	1		6020B	Dissolved

Client Sample ID: RW-9D-(206-216)-022725 — Lab Sample ID: 460-321264-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.13		0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Toluene	0.44	J	1.0	0.38	ug/L	1		8260D	Total/NA
Arsenic	1.5	J	2.0	1.2	ug/L	1		6020B	Total Recoverable
Lead	0.47	J	1.2	0.42	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: RW-8D-(204-214)-022825 — Lab Sample ID: 460-321264-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.089		0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Benzene	0.87		0.45	0.070	ug/L	1		8260D	Total/NA
Arsenic	1.7	J	2.0	1.2	ug/L	1		6020B	Total Recoverable
Lead	0.76	J	1.2	0.42	ug/L	1		6020B	Total Recoverable

Client Sample ID: RW-8S-(163-173)-022825 — Lab Sample ID: 460-321264-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.79		0.45	0.070	ug/L	1		8260D	Total/NA
Arsenic	1.5	J	2.0	1.2	ug/L	1		6020B	Total Recoverable

Client Sample ID: RW-15D-(127-137)-022825 — Lab Sample ID: 460-321264-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.29		0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Acetone	21		5.0	4.4	ug/L	1		8260D	Total/NA
Carbon disulfide	16		1.0	0.82	ug/L	1		8260D	Total/NA
Toluene	0.81	J	1.0	0.38	ug/L	1		8260D	Total/NA
1,4-Dioxane	0.62		0.20	0.072	ug/L	1		8270E SIM ID	Total/NA
Arsenic	17.4		2.0	1.2	ug/L	1		6020B	Total Recoverable
Arsenic	13.5		2.0	1.2	ug/L	1		6020B	Dissolved

Client Sample ID: RW-15S-(110-120)-022825 — Lab Sample ID: 460-321264-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.12		0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Toluene	1.2		1.0	0.38	ug/L	1		8260D	Total/NA
Arsenic	2.0		2.0	1.2	ug/L	1		6020B	Total Recoverable
Arsenic	1.8	J	2.0	1.2	ug/L	1		6020B	Dissolved

This Detection Summary does not include radiochemical test results.

Client Sample ID: OB-3-022725
Lab Sample ID: 460-321264-1

Date Collected: 02/27/25 09:50
Matrix: Water

Date Received: 02/28/25 18:45

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/10/25 12:27	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/10/25 12:27	1
Ethylene Dibromide	0.0079	U *1	0.020	0.0079	ug/L			03/10/25 12:27	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/10/25 12:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*100*		*70 - 130*		*03/10/25 12:27*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 01:14	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 01:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 01:14	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 01:14	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 01:14	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 01:14	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 01:14	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 01:14	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 01:14	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 01:14	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 01:14	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 01:14	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 01:14	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 01:14	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 01:14	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 01:14	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 01:14	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 01:14	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 01:14	1
Bromomethane	0.55	U *1	1.0	0.55	ug/L			03/07/25 01:14	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 01:14	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 01:14	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 01:14	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 01:14	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 01:14	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/07/25 01:14	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 01:14	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 01:14	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 01:14	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 01:14	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 01:14	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 01:14	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 01:14	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 01:14	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 01:14	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/07/25 01:14	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 01:14	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 01:14	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 01:14	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 01:14	1

Client Sample ID: OB-3-022725
Lab Sample ID: 460-321264-1
Date Collected: 02/27/25 09:50
Matrix: Water
Date Received: 02/28/25 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 01:14	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 01:14	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 01:14	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 01:14	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 01:14	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 01:14	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 130*		*03/07/25 01:14*	*1*
4-Bromofluorobenzene	*108*		*70 - 130*		*03/07/25 01:14*	*1*
Dibromofluoromethane (Surr)	*108*		*70 - 130*		*03/07/25 01:14*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*03/07/25 01:14*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 08:40	03/05/25 23:59	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*41*		*10 - 150*	*03/05/25 08:40*	*03/05/25 23:59*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/12/25 11:45	03/12/25 14:26	1
Lead	0.42	U	1.2	0.42	ug/L		03/12/25 11:45	03/12/25 14:26	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:41	03/11/25 13:59	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:41	03/11/25 13:59	1

Client Sample ID: OB-10-022725
Lab Sample ID: 460-321264-2
Date Collected: 02/27/25 11:15
Matrix: Water
Date Received: 02/28/25 18:45

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/10/25 12:48	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/10/25 12:48	1
Ethylene Dibromide	0.0079	U *1	0.020	0.0079	ug/L			03/10/25 12:48	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/10/25 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/10/25 12:48*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 01:38	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 01:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 01:38	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 01:38	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 01:38	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: OB-10-022725
Date Collected: 02/27/25 11:15
Date Received: 02/28/25 18:45

Lab Sample ID: 460-321264-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 01:38	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 01:38	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 01:38	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 01:38	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 01:38	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 01:38	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 01:38	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 01:38	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 01:38	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 01:38	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 01:38	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 01:38	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 01:38	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 01:38	1
Bromomethane	0.55	U *1	1.0	0.55	ug/L			03/07/25 01:38	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 01:38	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 01:38	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 01:38	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 01:38	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 01:38	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/07/25 01:38	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 01:38	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 01:38	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 01:38	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 01:38	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 01:38	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 01:38	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 01:38	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 01:38	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 01:38	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/07/25 01:38	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 01:38	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 01:38	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 01:38	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 01:38	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 01:38	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 01:38	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 01:38	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 01:38	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 01:38	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 01:38	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 130*		*03/07/25 01:38*	*1*
4-Bromofluorobenzene	*111*		*70 - 130*		*03/07/25 01:38*	*1*
Dibromofluoromethane (Surr)	*107*		*70 - 130*		*03/07/25 01:38*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*03/07/25 01:38*	*1*

Client Sample ID: OB-10-022725
Lab Sample ID: 460-321264-2
Date Collected: 02/27/25 11:15
Matrix: Water
Date Received: 02/28/25 18:45

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 08:40	03/06/25 00:14	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*38*		*10 - 150*	*03/05/25 08:40*	*03/06/25 00:14*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/12/25 11:45	03/12/25 17:19	1
Lead	0.42	U	1.2	0.42	ug/L		03/12/25 11:45	03/12/25 17:19	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:41	03/11/25 14:04	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:41	03/11/25 14:04	1

Client Sample ID: OB-29-022725
Lab Sample ID: 460-321264-3
Date Collected: 02/27/25 12:40
Matrix: Water
Date Received: 02/28/25 18:45

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/10/25 13:10	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/10/25 13:10	1
Ethylene Dibromide	0.0079	U *1	0.020	0.0079	ug/L			03/10/25 13:10	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/10/25 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*03/10/25 13:10*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 02:03	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 02:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 02:03	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 02:03	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 02:03	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 02:03	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 02:03	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 02:03	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 02:03	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 02:03	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 02:03	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 02:03	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 02:03	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 02:03	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 02:03	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 02:03	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 02:03	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 02:03	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 02:03	1
Bromomethane	0.55	U *1	1.0	0.55	ug/L			03/07/25 02:03	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 02:03	1

Client Sample ID: OB-29-022725
Lab Sample ID: 460-321264-3

Date Collected: 02/27/25 12:40
Matrix: Water

Date Received: 02/28/25 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 02:03	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 02:03	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 02:03	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 02:03	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/07/25 02:03	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 02:03	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 02:03	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 02:03	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 02:03	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 02:03	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 02:03	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 02:03	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 02:03	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 02:03	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/07/25 02:03	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 02:03	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 02:03	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 02:03	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 02:03	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 02:03	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 02:03	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 02:03	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 02:03	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 02:03	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 02:03	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 130*		*03/07/25 02:03*	*1*
4-Bromofluorobenzene	*106*		*70 - 130*		*03/07/25 02:03*	*1*
Dibromofluoromethane (Surr)	*110*		*70 - 130*		*03/07/25 02:03*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*03/07/25 02:03*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 08:40	03/06/25 00:30	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*40*		*10 - 150*	*03/05/25 08:40*	*03/06/25 00:30*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/12/25 11:45	03/12/25 15:36	1
Lead	**0.74**	**J**	1.2	0.42	ug/L		03/12/25 11:45	03/12/25 15:36	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:41	03/11/25 14:06	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:41	03/11/25 14:06	1

Client Sample ID: FB-03-022725

Date Collected: 02/27/25 13:00
Date Received: 02/28/25 18:45

Lab Sample ID: 460-321264-4

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/10/25 13:32	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/10/25 13:32	1
Ethylene Dibromide	0.0079	U *1	0.020	0.0079	ug/L			03/10/25 13:32	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/10/25 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/10/25 13:32*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 00:25	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 00:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 00:25	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 00:25	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 00:25	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 00:25	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 00:25	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 00:25	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 00:25	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 00:25	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 00:25	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 00:25	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 00:25	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 00:25	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 00:25	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 00:25	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 00:25	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 00:25	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 00:25	1
Bromomethane	0.55	U *1	1.0	0.55	ug/L			03/07/25 00:25	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 00:25	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 00:25	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 00:25	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 00:25	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 00:25	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/07/25 00:25	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 00:25	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 00:25	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 00:25	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 00:25	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 00:25	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 00:25	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 00:25	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 00:25	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 00:25	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/07/25 00:25	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 00:25	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 00:25	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 00:25	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 00:25	1

Client Sample ID: FB-03-022725
Lab Sample ID: 460-321264-4
Date Collected: 02/27/25 13:00
Matrix: Water
Date Received: 02/28/25 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 00:25	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 00:25	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 00:25	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 00:25	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 00:25	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 00:25	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 00:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*		*03/07/25 00:25*	*1*
4-Bromofluorobenzene	*105*		*70 - 130*		*03/07/25 00:25*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*03/07/25 00:25*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*03/07/25 00:25*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 08:40	03/06/25 00:46	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*43*		*10 - 150*	*03/05/25 08:40*	*03/06/25 00:46*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/13/25 10:04	03/13/25 19:38	1
Lead	0.42	U	1.2	0.42	ug/L		03/13/25 10:04	03/13/25 19:38	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:41	03/11/25 14:09	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:41	03/11/25 14:09	1

Client Sample ID: OB-11R-022725
Lab Sample ID: 460-321264-5
Date Collected: 02/27/25 13:50
Matrix: Water
Date Received: 02/28/25 18:45

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/10/25 13:53	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/10/25 13:53	1
Ethylene Dibromide	0.0079	U *1	0.020	0.0079	ug/L			03/10/25 13:53	1
Vinyl chloride	**0.077**		0.035	0.0050	ug/L			03/10/25 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*105*		*70 - 130*		*03/10/25 13:53*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/13/25 12:35	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/13/25 12:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/13/25 12:35	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/13/25 12:35	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/13/25 12:35	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: OB-11R-022725
Date Collected: 02/27/25 13:50
Date Received: 02/28/25 18:45

Lab Sample ID: 460-321264-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/13/25 12:35	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/13/25 12:35	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/13/25 12:35	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/13/25 12:35	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/13/25 12:35	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/13/25 12:35	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/13/25 12:35	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/13/25 12:35	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/13/25 12:35	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/13/25 12:35	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/13/25 12:35	1
Acetone	4.4	U	5.0	4.4	ug/L			03/13/25 12:35	1
Benzene	0.070	U	0.45	0.070	ug/L			03/13/25 12:35	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/13/25 12:35	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/13/25 12:35	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/13/25 12:35	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/13/25 12:35	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/13/25 12:35	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/13/25 12:35	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/13/25 12:35	1
Chloroethane	**35**		1.0	0.32	ug/L			03/13/25 12:35	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/13/25 12:35	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/13/25 12:35	1
cis-1,2-Dichloroethene	**0.46**	**J**	1.0	0.22	ug/L			03/13/25 12:35	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/13/25 12:35	1
Cyclohexane	**2.4**		1.0	0.32	ug/L			03/13/25 12:35	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/13/25 12:35	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/13/25 12:35	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/13/25 12:35	1
Isopropylbenzene	**0.77**	**J**	1.0	0.34	ug/L			03/13/25 12:35	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/13/25 12:35	1
Methyl tert-butyl ether	**0.26**	**J**	1.0	0.22	ug/L			03/13/25 12:35	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/13/25 12:35	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/13/25 12:35	1
Styrene	0.42	U	1.0	0.42	ug/L			03/13/25 12:35	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/13/25 12:35	1
Toluene	0.38	U	1.0	0.38	ug/L			03/13/25 12:35	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/13/25 12:35	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/13/25 12:35	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/13/25 12:35	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/13/25 12:35	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/13/25 12:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*		*03/13/25 12:35*	*1*
4-Bromofluorobenzene	*106*		*70 - 130*		*03/13/25 12:35*	*1*
Dibromofluoromethane (Surr)	*109*		*70 - 130*		*03/13/25 12:35*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*03/13/25 12:35*	*1*

Client Sample ID: OB-11R-022725
Lab Sample ID: 460-321264-5
Date Collected: 02/27/25 13:50
Matrix: Water
Date Received: 02/28/25 18:45

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	3.8		0.20	0.072	ug/L		03/05/25 08:40	03/06/25 01:02	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*32*		*10 - 150*	*03/05/25 08:40*	*03/06/25 01:02*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	31.9		2.0	1.2	ug/L		03/13/25 10:04	03/13/25 19:41	1
Lead	0.42	U	1.2	0.42	ug/L		03/13/25 10:04	03/13/25 19:41	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:41	03/11/25 14:12	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:41	03/11/25 14:12	1

Client Sample ID: OB-32-022725
Lab Sample ID: 460-321264-6
Date Collected: 02/27/25 12:45
Matrix: Water
Date Received: 02/28/25 18:45

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/10/25 14:15	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/10/25 14:15	1
Ethylene Dibromide	0.0079	U *1	0.020	0.0079	ug/L			03/10/25 14:15	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/10/25 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/10/25 14:15*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 02:52	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 02:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 02:52	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 02:52	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 02:52	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 02:52	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 02:52	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 02:52	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 02:52	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 02:52	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 02:52	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 02:52	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 02:52	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 02:52	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 02:52	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 02:52	1
Acetone	4.6	J	5.0	4.4	ug/L			03/07/25 02:52	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 02:52	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 02:52	1
Bromomethane	0.55	U *1	1.0	0.55	ug/L			03/07/25 02:52	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 02:52	1

Client Sample ID: OB-32-022725
Lab Sample ID: 460-321264-6

Date Collected: 02/27/25 12:45
Matrix: Water

Date Received: 02/28/25 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 02:52	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 02:52	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 02:52	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 02:52	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/07/25 02:52	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 02:52	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 02:52	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 02:52	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 02:52	1
Cyclohexane	**0.46**	**J**	1.0	0.32	ug/L			03/07/25 02:52	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 02:52	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 02:52	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 02:52	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 02:52	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/07/25 02:52	1
Methyl tert-butyl ether	**0.87**	**J**	1.0	0.22	ug/L			03/07/25 02:52	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 02:52	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 02:52	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 02:52	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 02:52	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 02:52	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 02:52	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 02:52	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 02:52	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 02:52	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*		*03/07/25 02:52*	*1*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/07/25 02:52*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*03/07/25 02:52*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*03/07/25 02:52*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 08:40	03/06/25 01:18	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*62*		*10 - 150*	*03/05/25 08:40*	*03/06/25 01:18*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**20.4**		2.0	1.2	ug/L		03/13/25 10:04	03/13/25 19:17	1
Lead	0.42	U	1.2	0.42	ug/L		03/13/25 10:04	03/13/25 19:17	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:41	03/12/25 14:31	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:41	03/12/25 14:31	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: RW-6A-022725

Date Collected: 02/27/25 11:35
Date Received: 02/28/25 18:45

Lab Sample ID: 460-321264-7

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U *1	0.0050	0.0030	ug/L			03/12/25 11:57	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/12/25 11:57	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/12/25 11:57	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/12/25 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*70 - 130*		*03/12/25 11:57*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/13/25 00:53	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/13/25 00:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/13/25 00:53	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/13/25 00:53	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/13/25 00:53	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/13/25 00:53	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/13/25 00:53	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/13/25 00:53	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/13/25 00:53	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/13/25 00:53	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/13/25 00:53	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/13/25 00:53	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/13/25 00:53	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/13/25 00:53	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/13/25 00:53	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/13/25 00:53	1
Acetone	4.4	U	5.0	4.4	ug/L			03/13/25 00:53	1
Benzene	**1.5**		0.45	0.070	ug/L			03/13/25 00:53	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/13/25 00:53	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/13/25 00:53	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/13/25 00:53	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/13/25 00:53	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/13/25 00:53	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/13/25 00:53	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/13/25 00:53	1
Chloroethane	**0.87**	**J**	1.0	0.32	ug/L			03/13/25 00:53	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/13/25 00:53	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/13/25 00:53	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/13/25 00:53	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/13/25 00:53	1
Cyclohexane	**1.9**		1.0	0.32	ug/L			03/13/25 00:53	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/13/25 00:53	1
Dichlorodifluoromethane	**0.31**	**J**	1.0	0.31	ug/L			03/13/25 00:53	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/13/25 00:53	1
Isopropylbenzene	**3.7**		1.0	0.34	ug/L			03/13/25 00:53	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/13/25 00:53	1
Methyl tert-butyl ether	**0.48**	**J**	1.0	0.22	ug/L			03/13/25 00:53	1
Methylcyclohexane	**0.81**	**J**	1.0	0.71	ug/L			03/13/25 00:53	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/13/25 00:53	1
Styrene	0.42	U	1.0	0.42	ug/L			03/13/25 00:53	1

Client Sample ID: RW-6A-022725
Lab Sample ID: 460-321264-7
Date Collected: 02/27/25 11:35
Matrix: Water
Date Received: 02/28/25 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/13/25 00:53	1
Toluene	0.38	U	1.0	0.38	ug/L			03/13/25 00:53	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/13/25 00:53	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/13/25 00:53	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/13/25 00:53	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/13/25 00:53	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/13/25 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 130*		*03/13/25 00:53*	*1*
4-Bromofluorobenzene	*105*		*70 - 130*		*03/13/25 00:53*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*03/13/25 00:53*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*03/13/25 00:53*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.82**		0.20	0.072	ug/L		03/05/25 08:40	03/06/25 01:33	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*46*		*10 - 150*	*03/05/25 08:40*	*03/06/25 01:33*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/13/25 10:04	03/13/25 19:43	1
Lead	**0.58**	**J**	1.2	0.42	ug/L		03/13/25 10:04	03/13/25 19:43	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:41	03/11/25 16:48	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:41	03/11/25 16:48	1

Client Sample ID: RW-6-022725
Lab Sample ID: 460-321264-8
Date Collected: 02/27/25 10:30
Matrix: Water
Date Received: 02/28/25 18:45

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U *1	0.0050	0.0030	ug/L			03/12/25 11:36	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/12/25 11:36	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/12/25 11:36	1
Vinyl chloride	**0.025**	**J**	0.035	0.0050	ug/L			03/12/25 11:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*70 - 130*		*03/12/25 11:36*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/13/25 01:16	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/13/25 01:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/13/25 01:16	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/13/25 01:16	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/13/25 01:16	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: RW-6-022725
Date Collected: 02/27/25 10:30
Date Received: 02/28/25 18:45

Lab Sample ID: 460-321264-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/13/25 01:16	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/13/25 01:16	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/13/25 01:16	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/13/25 01:16	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/13/25 01:16	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/13/25 01:16	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/13/25 01:16	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/13/25 01:16	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/13/25 01:16	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/13/25 01:16	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/13/25 01:16	1
Acetone	4.4	U	5.0	4.4	ug/L			03/13/25 01:16	1
Benzene	0.070	U	0.45	0.070	ug/L			03/13/25 01:16	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/13/25 01:16	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/13/25 01:16	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/13/25 01:16	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/13/25 01:16	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/13/25 01:16	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/13/25 01:16	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/13/25 01:16	1
Chloroethane	**1.4**		1.0	0.32	ug/L			03/13/25 01:16	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/13/25 01:16	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/13/25 01:16	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/13/25 01:16	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/13/25 01:16	1
Cyclohexane	**0.46**	**J**	1.0	0.32	ug/L			03/13/25 01:16	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/13/25 01:16	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/13/25 01:16	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/13/25 01:16	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/13/25 01:16	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/13/25 01:16	1
Methyl tert-butyl ether	**0.38**	**J**	1.0	0.22	ug/L			03/13/25 01:16	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/13/25 01:16	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/13/25 01:16	1
Styrene	0.42	U	1.0	0.42	ug/L			03/13/25 01:16	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/13/25 01:16	1
Toluene	0.38	U	1.0	0.38	ug/L			03/13/25 01:16	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/13/25 01:16	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/13/25 01:16	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/13/25 01:16	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/13/25 01:16	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/13/25 01:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*03/13/25 01:16*	*1*
4-Bromofluorobenzene	*105*		*70 - 130*		*03/13/25 01:16*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*03/13/25 01:16*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*03/13/25 01:16*	*1*

Client Sample ID: RW-6-022725
Lab Sample ID: 460-321264-8
Date Collected: 02/27/25 10:30
Matrix: Water
Date Received: 02/28/25 18:45

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 08:40	03/06/25 01:49	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*38*		*10 - 150*	*03/05/25 08:40*	*03/06/25 01:49*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/13/25 10:04	03/13/25 19:46	1
Lead	0.42	U	1.2	0.42	ug/L		03/13/25 10:04	03/13/25 19:46	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:41	03/11/25 16:50	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:41	03/11/25 16:50	1

Client Sample ID: OB-20B-022725
Lab Sample ID: 460-321264-9
Date Collected: 02/27/25 09:25
Matrix: Water
Date Received: 02/28/25 18:45

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U *1	0.0050	0.0030	ug/L			03/12/25 11:14	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/12/25 11:14	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/12/25 11:14	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/12/25 11:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*03/12/25 11:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/13/25 01:38	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/13/25 01:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/13/25 01:38	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/13/25 01:38	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/13/25 01:38	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/13/25 01:38	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/13/25 01:38	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/13/25 01:38	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/13/25 01:38	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/13/25 01:38	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/13/25 01:38	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/13/25 01:38	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/13/25 01:38	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/13/25 01:38	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/13/25 01:38	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/13/25 01:38	1
Acetone	**19**		5.0	4.4	ug/L			03/13/25 01:38	1
Benzene	0.070	U	0.45	0.070	ug/L			03/13/25 01:38	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/13/25 01:38	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/13/25 01:38	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/13/25 01:38	1

Client Sample ID: OB-20B-022725
Date Collected: 02/27/25 09:25
Date Received: 02/28/25 18:45

Lab Sample ID: 460-321264-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/13/25 01:38	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/13/25 01:38	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/13/25 01:38	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/13/25 01:38	1
Chloroethane	**0.44**	**J**	1.0	0.32	ug/L			03/13/25 01:38	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/13/25 01:38	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/13/25 01:38	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/13/25 01:38	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/13/25 01:38	1
Cyclohexane	**0.61**	**J**	1.0	0.32	ug/L			03/13/25 01:38	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/13/25 01:38	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/13/25 01:38	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/13/25 01:38	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/13/25 01:38	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/13/25 01:38	1
Methyl tert-butyl ether	**0.58**	**J**	1.0	0.22	ug/L			03/13/25 01:38	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/13/25 01:38	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/13/25 01:38	1
Styrene	0.42	U	1.0	0.42	ug/L			03/13/25 01:38	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/13/25 01:38	1
Toluene	0.38	U	1.0	0.38	ug/L			03/13/25 01:38	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/13/25 01:38	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/13/25 01:38	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/13/25 01:38	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/13/25 01:38	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/13/25 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 130*		*03/13/25 01:38*	*1*
4-Bromofluorobenzene	*112*		*70 - 130*		*03/13/25 01:38*	*1*
Dibromofluoromethane (Surr)	*112*		*70 - 130*		*03/13/25 01:38*	*1*
Toluene-d8 (Surr)	*114*		*70 - 130*		*03/13/25 01:38*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 08:40	03/06/25 02:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*45*		*10 - 150*	*03/05/25 08:40*	*03/06/25 02:05*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.1**		2.0	1.2	ug/L		03/13/25 10:04	03/13/25 19:49	1
Lead	**0.58**	**J**	1.2	0.42	ug/L		03/13/25 10:04	03/13/25 19:49	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:41	03/11/25 16:53	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:41	03/11/25 16:53	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: Trip Blank-03-022725

Lab Sample ID: 460-321264-10

Date Collected: 02/27/25 00:00

Matrix: Water

Date Received: 02/28/25 18:45

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U *1	0.0050	0.0030	ug/L			03/11/25 08:20	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/11/25 08:20	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/11/25 08:20	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/11/25 08:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/11/25 08:20*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 00:50	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 00:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 00:50	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 00:50	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 00:50	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 00:50	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 00:50	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 00:50	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 00:50	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 00:50	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 00:50	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 00:50	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 00:50	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 00:50	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 00:50	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 00:50	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 00:50	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 00:50	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 00:50	1
Bromomethane	0.55	U *1	1.0	0.55	ug/L			03/07/25 00:50	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 00:50	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 00:50	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 00:50	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 00:50	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 00:50	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/07/25 00:50	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 00:50	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 00:50	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 00:50	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 00:50	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 00:50	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 00:50	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 00:50	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 00:50	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 00:50	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/07/25 00:50	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 00:50	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 00:50	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 00:50	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 00:50	1

Client Sample ID: Trip Blank-03-022725
Lab Sample ID: 460-321264-10
Date Collected: 02/27/25 00:00
Matrix: Water
Date Received: 02/28/25 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 00:50	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 00:50	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 00:50	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 00:50	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 00:50	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 00:50	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 00:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 130*		*03/07/25 00:50*	*1*
4-Bromofluorobenzene	*107*		*70 - 130*		*03/07/25 00:50*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*03/07/25 00:50*	*1*
Toluene-d8 (Surr)	*98*		*70 - 130*		*03/07/25 00:50*	*1*

Client Sample ID: RW-2D-(452-462)-022725
Lab Sample ID: 460-321264-11
Date Collected: 02/27/25 09:45
Matrix: Water
Date Received: 02/28/25 18:45

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U *1	0.0050	0.0030	ug/L			03/11/25 08:42	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/11/25 08:42	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/11/25 08:42	1
Vinyl chloride	**0.14**		0.035	0.0050	ug/L			03/11/25 08:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*112*		*70 - 130*		*03/11/25 08:42*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/13/25 00:31	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/13/25 00:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/13/25 00:31	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/13/25 00:31	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/13/25 00:31	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/13/25 00:31	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/13/25 00:31	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/13/25 00:31	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/13/25 00:31	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/13/25 00:31	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/13/25 00:31	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/13/25 00:31	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/13/25 00:31	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/13/25 00:31	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/13/25 00:31	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/13/25 00:31	1
Acetone	**14**		5.0	4.4	ug/L			03/13/25 00:31	1
Benzene	0.070	U	0.45	0.070	ug/L			03/13/25 00:31	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/13/25 00:31	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/13/25 00:31	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/13/25 00:31	1

Client Sample ID: RW-2D-(452-462)-022725
Date Collected: 02/27/25 09:45
Date Received: 02/28/25 18:45

Lab Sample ID: 460-321264-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/13/25 00:31	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/13/25 00:31	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/13/25 00:31	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/13/25 00:31	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/13/25 00:31	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/13/25 00:31	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/13/25 00:31	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/13/25 00:31	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/13/25 00:31	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/13/25 00:31	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/13/25 00:31	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/13/25 00:31	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/13/25 00:31	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/13/25 00:31	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/13/25 00:31	1
Methyl tert-butyl ether	**0.46**	**J**	1.0	0.22	ug/L			03/13/25 00:31	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/13/25 00:31	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/13/25 00:31	1
Styrene	0.42	U	1.0	0.42	ug/L			03/13/25 00:31	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/13/25 00:31	1
Toluene	**0.48**	**J**	1.0	0.38	ug/L			03/13/25 00:31	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/13/25 00:31	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/13/25 00:31	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/13/25 00:31	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/13/25 00:31	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/13/25 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 130*		*03/13/25 00:31*	*1*
4-Bromofluorobenzene	*103*		*70 - 130*		*03/13/25 00:31*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*03/13/25 00:31*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*03/13/25 00:31*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.62**		0.20	0.072	ug/L		03/05/25 08:40	03/06/25 02:21	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*39*		*10 - 150*	*03/05/25 08:40*	*03/06/25 02:21*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**5.5**		2.0	1.2	ug/L		03/13/25 10:04	03/13/25 19:51	1
Lead	0.42	U	1.2	0.42	ug/L		03/13/25 10:04	03/13/25 19:51	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**5.8**		2.0	1.2	ug/L		03/11/25 10:41	03/11/25 16:55	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:41	03/11/25 16:55	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: RW-2S-(279-289)-022725

Date Collected: 02/27/25 10:15
Date Received: 02/28/25 18:45

Lab Sample ID: 460-321264-12

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U *1	0.0050	0.0030	ug/L			03/11/25 09:03	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/11/25 09:03	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/11/25 09:03	1
Vinyl chloride	**0.13**		0.035	0.0050	ug/L			03/11/25 09:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*111*		*70 - 130*		*03/11/25 09:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 05:24	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 05:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 05:24	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 05:24	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 05:24	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 05:24	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 05:24	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 05:24	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 05:24	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 05:24	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 05:24	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 05:24	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 05:24	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 05:24	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 05:24	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 05:24	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 05:24	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 05:24	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 05:24	1
Bromomethane	0.55	U *1	1.0	0.55	ug/L			03/07/25 05:24	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 05:24	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 05:24	1
Chlorobenzene	**1.9**		1.0	0.38	ug/L			03/07/25 05:24	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 05:24	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 05:24	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/07/25 05:24	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 05:24	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 05:24	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 05:24	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 05:24	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 05:24	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 05:24	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 05:24	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 05:24	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 05:24	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/07/25 05:24	1
Methyl tert-butyl ether	**0.55**	**J**	1.0	0.22	ug/L			03/07/25 05:24	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 05:24	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 05:24	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 05:24	1

Client Sample ID: RW-2S-(279-289)-022725
Lab Sample ID: 460-321264-12
Date Collected: 02/27/25 10:15
Matrix: Water
Date Received: 02/28/25 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 05:24	1
Toluene	**0.80**	**J**	1.0	0.38	ug/L			03/07/25 05:24	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 05:24	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 05:24	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 05:24	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 05:24	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 05:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*03/07/25 05:24*	*1*
4-Bromofluorobenzene	*110*		*70 - 130*		*03/07/25 05:24*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*03/07/25 05:24*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*03/07/25 05:24*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**4.9**		0.20	0.072	ug/L		03/05/25 08:40	03/06/25 02:37	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*40*		*10 - 150*	*03/05/25 08:40*	*03/06/25 02:37*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.1**		2.0	1.2	ug/L		03/13/25 10:04	03/13/25 19:54	1
Lead	**0.44**	**J**	1.2	0.42	ug/L		03/13/25 10:04	03/13/25 19:54	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**3.1**		2.0	1.2	ug/L		03/11/25 10:41	03/11/25 16:58	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:41	03/11/25 16:58	1

Client Sample ID: RW-12S-(55-65)-022725
Lab Sample ID: 460-321264-13
Date Collected: 02/27/25 11:10
Matrix: Water
Date Received: 02/28/25 18:45

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U *1	0.0050	0.0030	ug/L			03/11/25 09:25	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/11/25 09:25	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/11/25 09:25	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/11/25 09:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*111*		*70 - 130*		*03/11/25 09:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 05:48	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 05:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 05:48	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 05:48	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 05:48	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: RW-12S-(55-65)-022725
Date Collected: 02/27/25 11:10
Date Received: 02/28/25 18:45

Lab Sample ID: 460-321264-13
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 05:48	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 05:48	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 05:48	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 05:48	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 05:48	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 05:48	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 05:48	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 05:48	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 05:48	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 05:48	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 05:48	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 05:48	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 05:48	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 05:48	1
Bromomethane	0.55	U *1	1.0	0.55	ug/L			03/07/25 05:48	1
Carbon disulfide	**0.95**	**J**	1.0	0.82	ug/L			03/07/25 05:48	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 05:48	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 05:48	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 05:48	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 05:48	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/07/25 05:48	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 05:48	1
Chloromethane	**0.53**	**J**	1.0	0.40	ug/L			03/07/25 05:48	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 05:48	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 05:48	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 05:48	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 05:48	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 05:48	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 05:48	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 05:48	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/07/25 05:48	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 05:48	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 05:48	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 05:48	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 05:48	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 05:48	1
Toluene	**0.62**	**J**	1.0	0.38	ug/L			03/07/25 05:48	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 05:48	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 05:48	1
Trichloroethene	**0.53**		0.28	0.074	ug/L			03/07/25 05:48	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 05:48	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 05:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*		*03/07/25 05:48*	*1*
4-Bromofluorobenzene	*109*		*70 - 130*		*03/07/25 05:48*	*1*
Dibromofluoromethane (Surr)	*108*		*70 - 130*		*03/07/25 05:48*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*03/07/25 05:48*	*1*

Client Sample ID: RW-12S-(55-65)-022725
Lab Sample ID: 460-321264-13
Date Collected: 02/27/25 11:10
Matrix: Water
Date Received: 02/28/25 18:45

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 08:40	03/06/25 02:52	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*41*		*10 - 150*	*03/05/25 08:40*	*03/06/25 02:52*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**6.5**		2.0	1.2	ug/L		03/13/25 10:04	03/13/25 19:56	1
Lead	**2.3**		1.2	0.42	ug/L		03/13/25 10:04	03/13/25 19:56	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.4**		2.0	1.2	ug/L		03/11/25 10:41	03/11/25 17:01	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:41	03/11/25 17:01	1

Client Sample ID: RW-12D-(130-140)-022725
Lab Sample ID: 460-321264-14
Date Collected: 02/27/25 11:45
Matrix: Water
Date Received: 02/28/25 18:45

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U *1	0.0050	0.0030	ug/L			03/11/25 09:47	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/11/25 09:47	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/11/25 09:47	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/11/25 09:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*70 - 130*		*03/11/25 09:47*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 14:57	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 14:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 14:57	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 14:57	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 14:57	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 14:57	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 14:57	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 14:57	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 14:57	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 14:57	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 14:57	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 14:57	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 14:57	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 14:57	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 14:57	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 14:57	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 14:57	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 14:57	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 14:57	1
Bromomethane	0.55	U *1	1.0	0.55	ug/L			03/07/25 14:57	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 14:57	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: RW-12D-(130-140)-022725
Date Collected: 02/27/25 11:45
Date Received: 02/28/25 18:45

Lab Sample ID: 460-321264-14
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 14:57	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 14:57	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 14:57	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 14:57	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/07/25 14:57	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 14:57	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 14:57	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 14:57	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 14:57	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 14:57	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 14:57	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 14:57	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 14:57	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 14:57	1
Methyl acetate	0.79	U *+ *1	5.0	0.79	ug/L			03/07/25 14:57	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 14:57	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 14:57	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 14:57	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 14:57	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 14:57	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 14:57	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 14:57	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 14:57	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 14:57	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 14:57	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 130*		*03/07/25 14:57*	*1*
4-Bromofluorobenzene	*109*		*70 - 130*		*03/07/25 14:57*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*03/07/25 14:57*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*03/07/25 14:57*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 19:13	03/06/25 09:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*31*		*10 - 150*	*03/05/25 19:13*	*03/06/25 09:54*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11.2**		2.0	1.2	ug/L		03/13/25 10:04	03/13/25 19:59	1
Lead	**4.2**		1.2	0.42	ug/L		03/13/25 10:04	03/13/25 19:59	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.5**		2.0	1.2	ug/L		03/11/25 10:41	03/11/25 17:03	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:41	03/11/25 17:03	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: RW-10S-(120-130)-022725
Date Collected: 02/27/25 12:40
Date Received: 02/28/25 18:45

Lab Sample ID: 460-321264-15
Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U *1	0.0050	0.0030	ug/L			03/11/25 10:08	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/11/25 10:08	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/11/25 10:08	1
Vinyl chloride	**0.059**		0.035	0.0050	ug/L			03/11/25 10:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*70 - 130*		*03/11/25 10:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 15:21	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 15:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 15:21	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 15:21	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 15:21	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 15:21	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 15:21	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 15:21	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 15:21	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 15:21	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 15:21	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 15:21	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 15:21	1
2-Butanone (MEK)	**3.5**	**J**	5.0	1.9	ug/L			03/07/25 15:21	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 15:21	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 15:21	1
Acetone	**43**		5.0	4.4	ug/L			03/07/25 15:21	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 15:21	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 15:21	1
Bromomethane	0.55	U *1	1.0	0.55	ug/L			03/07/25 15:21	1
Carbon disulfide	**1.1**		1.0	0.82	ug/L			03/07/25 15:21	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 15:21	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 15:21	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 15:21	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 15:21	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/07/25 15:21	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 15:21	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 15:21	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 15:21	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 15:21	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 15:21	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 15:21	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 15:21	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 15:21	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 15:21	1
Methyl acetate	0.79	U *+ *1	5.0	0.79	ug/L			03/07/25 15:21	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 15:21	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 15:21	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 15:21	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 15:21	1

Client Sample ID: RW-10S-(120-130)-022725
Lab Sample ID: 460-321264-15
Date Collected: 02/27/25 12:40
Matrix: Water
Date Received: 02/28/25 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 15:21	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 15:21	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 15:21	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 15:21	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 15:21	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 15:21	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 130*		*03/07/25 15:21*	*1*
4-Bromofluorobenzene	*107*		*70 - 130*		*03/07/25 15:21*	*1*
Dibromofluoromethane (Surr)	*110*		*70 - 130*		*03/07/25 15:21*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*03/07/25 15:21*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 19:13	03/06/25 10:10	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*36*		*10 - 150*	*03/05/25 19:13*	*03/06/25 10:10*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**6.6**		2.0	1.2	ug/L		03/13/25 10:04	03/13/25 20:01	1
Lead	0.42	U	1.2	0.42	ug/L		03/13/25 10:04	03/13/25 20:01	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.6**		2.0	1.2	ug/L		03/11/25 10:41	03/11/25 17:06	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:41	03/11/25 17:06	1

Client Sample ID: RW-10D-(185-195)-022725
Lab Sample ID: 460-321264-16
Date Collected: 02/27/25 13:15
Matrix: Water
Date Received: 02/28/25 18:45

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U *1	0.0050	0.0030	ug/L			03/11/25 10:30	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/11/25 10:30	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/11/25 10:30	1
Vinyl chloride	**0.11**		0.035	0.0050	ug/L			03/11/25 10:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*03/11/25 10:30*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 15:45	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 15:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 15:45	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 15:45	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 15:45	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: RW-10D-(185-195)-022725
Date Collected: 02/27/25 13:15
Date Received: 02/28/25 18:45

Lab Sample ID: 460-321264-16
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 15:45	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 15:45	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 15:45	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 15:45	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 15:45	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 15:45	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 15:45	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 15:45	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 15:45	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 15:45	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 15:45	1
Acetone	**9.4**		5.0	4.4	ug/L			03/07/25 15:45	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 15:45	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 15:45	1
Bromomethane	0.55	U *1	1.0	0.55	ug/L			03/07/25 15:45	1
Carbon disulfide	**0.92**	**J**	1.0	0.82	ug/L			03/07/25 15:45	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 15:45	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 15:45	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 15:45	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 15:45	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/07/25 15:45	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 15:45	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 15:45	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 15:45	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 15:45	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 15:45	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 15:45	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 15:45	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 15:45	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 15:45	1
Methyl acetate	0.79	U *+ *1	5.0	0.79	ug/L			03/07/25 15:45	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 15:45	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 15:45	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 15:45	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 15:45	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 15:45	1
Toluene	**0.43**	**J**	1.0	0.38	ug/L			03/07/25 15:45	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 15:45	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 15:45	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 15:45	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 15:45	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*81*		*70 - 130*		*03/07/25 15:45*	*1*
4-Bromofluorobenzene	*106*		*70 - 130*		*03/07/25 15:45*	*1*
Dibromofluoromethane (Surr)	*107*		*70 - 130*		*03/07/25 15:45*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*03/07/25 15:45*	*1*

Client Sample ID: RW-10D-(185-195)-022725
Lab Sample ID: 460-321264-16
Date Collected: 02/27/25 13:15
Matrix: Water
Date Received: 02/28/25 18:45

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 19:13	03/06/25 10:26	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*37*		*10 - 150*	*03/05/25 19:13*	*03/06/25 10:26*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**5.6**		2.0	1.2	ug/L		03/13/25 10:04	03/13/25 20:09	1
Lead	0.42	U	1.2	0.42	ug/L		03/13/25 10:04	03/13/25 20:09	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**5.2**		2.0	1.2	ug/L		03/12/25 10:18	03/12/25 13:20	1
Lead	0.42	U	1.2	0.42	ug/L		03/12/25 10:18	03/12/25 13:20	1

Client Sample ID: RW-9S-(139-149)-022725
Lab Sample ID: 460-321264-17
Date Collected: 02/27/25 14:45
Matrix: Water
Date Received: 02/28/25 18:45

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U *1	0.0050	0.0030	ug/L			03/11/25 10:52	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/11/25 10:52	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/11/25 10:52	1
Vinyl chloride	**0.076**		0.035	0.0050	ug/L			03/11/25 10:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*112*		*70 - 130*		*03/11/25 10:52*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 16:10	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 16:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 16:10	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 16:10	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 16:10	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 16:10	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 16:10	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 16:10	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 16:10	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 16:10	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 16:10	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 16:10	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 16:10	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 16:10	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 16:10	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 16:10	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 16:10	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 16:10	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 16:10	1
Bromomethane	0.55	U *1	1.0	0.55	ug/L			03/07/25 16:10	1
Carbon disulfide	**2.4**		1.0	0.82	ug/L			03/07/25 16:10	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: RW-9S-(139-149)-022725
Date Collected: 02/27/25 14:45
Date Received: 02/28/25 18:45

Lab Sample ID: 460-321264-17
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 16:10	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 16:10	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 16:10	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 16:10	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/07/25 16:10	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 16:10	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 16:10	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 16:10	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 16:10	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 16:10	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 16:10	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 16:10	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 16:10	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 16:10	1
Methyl acetate	0.79	U *+ *1	5.0	0.79	ug/L			03/07/25 16:10	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 16:10	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 16:10	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 16:10	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 16:10	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 16:10	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 16:10	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 16:10	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 16:10	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 16:10	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 16:10	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 130*		*03/07/25 16:10*	*1*
4-Bromofluorobenzene	*106*		*70 - 130*		*03/07/25 16:10*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*03/07/25 16:10*	*1*
Toluene-d8 (Surr)	*94*		*70 - 130*		*03/07/25 16:10*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 19:13	03/06/25 10:42	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*39*		*10 - 150*	*03/05/25 19:13*	*03/06/25 10:42*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.2**		2.0	1.2	ug/L		03/13/25 10:04	03/13/25 20:12	1
Lead	0.42	U	1.2	0.42	ug/L		03/13/25 10:04	03/13/25 20:12	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.3**	**J**	2.0	1.2	ug/L		03/12/25 10:18	03/12/25 13:23	1
Lead	0.42	U	1.2	0.42	ug/L		03/12/25 10:18	03/12/25 13:23	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: RW-9D-(206-216)-022725
Date Collected: 02/27/25 14:00
Date Received: 02/28/25 18:45

Lab Sample ID: 460-321264-18
Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U *1	0.0050	0.0030	ug/L			03/11/25 11:13	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/11/25 11:13	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/11/25 11:13	1
Vinyl chloride	**0.13**		0.035	0.0050	ug/L			03/11/25 11:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*70 - 130*		*03/11/25 11:13*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 16:34	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 16:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 16:34	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 16:34	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 16:34	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 16:34	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 16:34	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 16:34	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 16:34	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 16:34	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 16:34	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 16:34	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 16:34	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 16:34	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 16:34	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 16:34	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 16:34	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 16:34	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 16:34	1
Bromomethane	0.55	U *1	1.0	0.55	ug/L			03/07/25 16:34	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 16:34	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 16:34	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 16:34	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 16:34	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 16:34	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/07/25 16:34	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 16:34	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 16:34	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 16:34	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 16:34	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 16:34	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 16:34	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 16:34	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 16:34	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 16:34	1
Methyl acetate	0.79	U *+ *1	5.0	0.79	ug/L			03/07/25 16:34	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 16:34	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 16:34	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 16:34	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 16:34	1

Client Sample ID: RW-9D-(206-216)-022725
Lab Sample ID: 460-321264-18
Date Collected: 02/27/25 14:00
Matrix: Water
Date Received: 02/28/25 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 16:34	1
Toluene	**0.44**	**J**	1.0	0.38	ug/L			03/07/25 16:34	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 16:34	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 16:34	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 16:34	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 16:34	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*77*		*70 - 130*		*03/07/25 16:34*	*1*
4-Bromofluorobenzene	*105*		*70 - 130*		*03/07/25 16:34*	*1*
Dibromofluoromethane (Surr)	*109*		*70 - 130*		*03/07/25 16:34*	*1*
Toluene-d8 (Surr)	*90*		*70 - 130*		*03/07/25 16:34*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 19:13	03/06/25 10:57	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*36*		*10 - 150*	*03/05/25 19:13*	*03/06/25 10:57*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.5**	**J**	2.0	1.2	ug/L		03/13/25 10:04	03/13/25 20:14	1
Lead	**0.47**	**J**	1.2	0.42	ug/L		03/13/25 10:04	03/13/25 20:14	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/12/25 10:18	03/12/25 13:26	1
Lead	0.42	U	1.2	0.42	ug/L		03/12/25 10:18	03/12/25 13:26	1

Client Sample ID: RW-8D-(204-214)-022825
Lab Sample ID: 460-321264-19
Date Collected: 02/28/25 08:40
Matrix: Water
Date Received: 02/28/25 18:45

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U *1	0.0050	0.0030	ug/L			03/11/25 11:35	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/11/25 11:35	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/11/25 11:35	1
Vinyl chloride	**0.089**		0.035	0.0050	ug/L			03/11/25 11:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/11/25 11:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 16:58	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 16:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 16:58	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 16:58	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 16:58	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: RW-8D-(204-214)-022825
Date Collected: 02/28/25 08:40
Date Received: 02/28/25 18:45

Lab Sample ID: 460-321264-19
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 16:58	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 16:58	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 16:58	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 16:58	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 16:58	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 16:58	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 16:58	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 16:58	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 16:58	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 16:58	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 16:58	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 16:58	1
Benzene	**0.87**		0.45	0.070	ug/L			03/07/25 16:58	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 16:58	1
Bromomethane	0.55	U *1	1.0	0.55	ug/L			03/07/25 16:58	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 16:58	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 16:58	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 16:58	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 16:58	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 16:58	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/07/25 16:58	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 16:58	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 16:58	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 16:58	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 16:58	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 16:58	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 16:58	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 16:58	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 16:58	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 16:58	1
Methyl acetate	0.79	U *+ *1	5.0	0.79	ug/L			03/07/25 16:58	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 16:58	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 16:58	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 16:58	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 16:58	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 16:58	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 16:58	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 16:58	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 16:58	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 16:58	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 16:58	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 130*		*03/07/25 16:58*	*1*
4-Bromofluorobenzene	*109*		*70 - 130*		*03/07/25 16:58*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*03/07/25 16:58*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*03/07/25 16:58*	*1*

Client Sample ID: RW-8D-(204-214)-022825
Lab Sample ID: 460-321264-19
Date Collected: 02/28/25 08:40
Matrix: Water
Date Received: 02/28/25 18:45

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 19:13	03/06/25 11:13	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*30*		*10 - 150*	*03/05/25 19:13*	*03/06/25 11:13*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.7**	**J**	2.0	1.2	ug/L		03/13/25 10:04	03/13/25 20:17	1
Lead	**0.76**	**J**	1.2	0.42	ug/L		03/13/25 10:04	03/13/25 20:17	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/12/25 10:18	03/12/25 13:28	1
Lead	0.42	U	1.2	0.42	ug/L		03/12/25 10:18	03/12/25 13:28	1

Client Sample ID: RW-8S-(163-173)-022825
Lab Sample ID: 460-321264-20
Date Collected: 02/28/25 09:20
Matrix: Water
Date Received: 02/28/25 18:45

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U *1	0.0050	0.0030	ug/L			03/11/25 11:56	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/11/25 11:56	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/11/25 11:56	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/11/25 11:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*109*		*70 - 130*		*03/11/25 11:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 17:23	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 17:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 17:23	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 17:23	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 17:23	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 17:23	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 17:23	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 17:23	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 17:23	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 17:23	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 17:23	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 17:23	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 17:23	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 17:23	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 17:23	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 17:23	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 17:23	1
Benzene	**0.79**		0.45	0.070	ug/L			03/07/25 17:23	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 17:23	1
Bromomethane	0.55	U *1	1.0	0.55	ug/L			03/07/25 17:23	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 17:23	1

Client Sample ID: RW-8S-(163-173)-022825
Date Collected: 02/28/25 09:20
Date Received: 02/28/25 18:45

Lab Sample ID: 460-321264-20
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 17:23	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 17:23	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 17:23	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 17:23	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/07/25 17:23	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 17:23	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 17:23	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 17:23	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 17:23	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 17:23	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 17:23	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 17:23	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 17:23	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 17:23	1
Methyl acetate	0.79	U *+ *1	5.0	0.79	ug/L			03/07/25 17:23	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 17:23	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 17:23	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 17:23	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 17:23	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 17:23	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 17:23	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 17:23	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 17:23	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 17:23	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 17:23	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*75*		*70 - 130*		*03/07/25 17:23*	*1*
4-Bromofluorobenzene	*107*		*70 - 130*		*03/07/25 17:23*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*		*03/07/25 17:23*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*		*03/07/25 17:23*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 19:13	03/06/25 11:29	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*31*		*10 - 150*	*03/05/25 19:13*	*03/06/25 11:29*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.5**	**J**	2.0	1.2	ug/L		03/13/25 10:04	03/13/25 20:20	1
Lead	0.42	U	1.2	0.42	ug/L		03/13/25 10:04	03/13/25 20:20	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/12/25 10:18	03/12/25 13:31	1
Lead	0.42	U	1.2	0.42	ug/L		03/12/25 10:18	03/12/25 13:31	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: RW-15D-(127-137)-022825
Date Collected: 02/28/25 10:05
Date Received: 02/28/25 18:45

Lab Sample ID: 460-321264-21
Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U *1	0.0050	0.0030	ug/L			03/11/25 12:18	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/11/25 12:18	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/11/25 12:18	1
Vinyl chloride	**0.29**		0.035	0.0050	ug/L			03/11/25 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*108*		*70 - 130*		*03/11/25 12:18*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 17:47	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 17:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 17:47	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 17:47	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 17:47	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 17:47	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 17:47	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 17:47	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 17:47	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 17:47	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 17:47	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 17:47	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 17:47	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 17:47	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 17:47	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 17:47	1
Acetone	**21**		5.0	4.4	ug/L			03/07/25 17:47	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 17:47	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 17:47	1
Bromomethane	0.55	U *1	1.0	0.55	ug/L			03/07/25 17:47	1
Carbon disulfide	**16**		1.0	0.82	ug/L			03/07/25 17:47	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 17:47	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 17:47	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 17:47	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 17:47	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/07/25 17:47	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 17:47	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 17:47	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 17:47	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 17:47	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 17:47	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 17:47	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 17:47	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 17:47	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 17:47	1
Methyl acetate	0.79	U *+ *1	5.0	0.79	ug/L			03/07/25 17:47	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 17:47	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 17:47	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 17:47	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 17:47	1

Client Sample ID: RW-15D-(127-137)-022825
Lab Sample ID: 460-321264-21
Date Collected: 02/28/25 10:05
Matrix: Water
Date Received: 02/28/25 18:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 17:47	1
Toluene	**0.81**	**J**	1.0	0.38	ug/L			03/07/25 17:47	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 17:47	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 17:47	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 17:47	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 17:47	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 130*		*03/07/25 17:47*	*1*
4-Bromofluorobenzene	*106*		*70 - 130*		*03/07/25 17:47*	*1*
Dibromofluoromethane (Surr)	*100*		*70 - 130*		*03/07/25 17:47*	*1*
Toluene-d8 (Surr)	*93*		*70 - 130*		*03/07/25 17:47*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	**0.62**		0.20	0.072	ug/L		03/05/25 19:13	03/06/25 11:45	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*35*		*10 - 150*	*03/05/25 19:13*	*03/06/25 11:45*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**17.4**		2.0	1.2	ug/L		03/13/25 10:04	03/13/25 20:22	1
Lead	0.42	U	1.2	0.42	ug/L		03/13/25 10:04	03/13/25 20:22	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13.5**		2.0	1.2	ug/L		03/12/25 10:18	03/12/25 13:33	1
Lead	0.42	U	1.2	0.42	ug/L		03/12/25 10:18	03/12/25 13:33	1

Client Sample ID: RW-15S-(110-120)-022825
Lab Sample ID: 460-321264-22
Date Collected: 02/28/25 10:40
Matrix: Water
Date Received: 02/28/25 18:45

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U *1	0.0050	0.0030	ug/L			03/11/25 12:40	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/11/25 12:40	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/11/25 12:40	1
Vinyl chloride	**0.12**		0.035	0.0050	ug/L			03/11/25 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*110*		*70 - 130*		*03/11/25 12:40*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/07/25 18:11	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 18:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 18:11	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 18:11	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 18:11	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: RW-15S-(110-120)-022825
Date Collected: 02/28/25 10:40
Date Received: 02/28/25 18:45

Lab Sample ID: 460-321264-22
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 18:11	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 18:11	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 18:11	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 18:11	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 18:11	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 18:11	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 18:11	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 18:11	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 18:11	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 18:11	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 18:11	1
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 18:11	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 18:11	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 18:11	1
Bromomethane	0.55	U *1	1.0	0.55	ug/L			03/07/25 18:11	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 18:11	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 18:11	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 18:11	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 18:11	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 18:11	1
Chloroethane	0.32	U *+	1.0	0.32	ug/L			03/07/25 18:11	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 18:11	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 18:11	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 18:11	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 18:11	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 18:11	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 18:11	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 18:11	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 18:11	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 18:11	1
Methyl acetate	0.79	U *+ *1	5.0	0.79	ug/L			03/07/25 18:11	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 18:11	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 18:11	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 18:11	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 18:11	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 18:11	1
Toluene	**1.2**		1.0	0.38	ug/L			03/07/25 18:11	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 18:11	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 18:11	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 18:11	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 18:11	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 130*		*03/07/25 18:11*	*1*
4-Bromofluorobenzene	*104*		*70 - 130*		*03/07/25 18:11*	*1*
Dibromofluoromethane (Surr)	*106*		*70 - 130*		*03/07/25 18:11*	*1*
Toluene-d8 (Surr)	*91*		*70 - 130*		*03/07/25 18:11*	*1*

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: RW-15S-(110-120)-022825
Date Collected: 02/28/25 10:40
Date Received: 02/28/25 18:45

Lab Sample ID: 460-321264-22
Matrix: Water

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 19:13	03/06/25 12:00	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*34*		*10 - 150*	*03/05/25 19:13*	*03/06/25 12:00*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.0**		2.0	1.2	ug/L		03/13/25 10:04	03/13/25 20:25	1
Lead	0.42	U	1.2	0.42	ug/L		03/13/25 10:04	03/13/25 20:25	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.8**	**J**	2.0	1.2	ug/L		03/12/25 10:18	03/12/25 13:41	1
Lead	0.42	U	1.2	0.42	ug/L		03/12/25 10:18	03/12/25 13:41	1

Surrogate Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)	(70-130)
460-321264-1	OB-3-022725	88	108	108	96
460-321264-2	OB-10-022725	84	111	107	96
460-321264-3	OB-29-022725	89	106	110	94
460-321264-4	FB-03-022725	95	105	103	96
460-321264-5	OB-11R-022725	110	106	109	106
460-321264-6	OB-32-022725	94	104	102	96
460-321264-7	RW-6A-022725	101	105	104	107
460-321264-8	RW-6-022725	108	105	103	106
460-321264-9	OB-20B-022725	112	112	112	114
460-321264-10	Trip Blank-03-022725	93	107	103	98
460-321264-11	RW-2D-(452-462)-022725	105	103	105	102
460-321264-12	RW-2S-(279-289)-022725	90	110	105	96
460-321264-13	RW-12S-(55-65)-022725	86	109	108	94
460-321264-14	RW-12D-(130-140)-022725	86	109	104	94
460-321264-15	RW-10S-(120-130)-022725	85	107	110	93
460-321264-16	RW-10D-(185-195)-022725	81	106	107	92
460-321264-17	RW-9S-(139-149)-022725	90	106	105	94
460-321264-18	RW-9D-(206-216)-022725	77	105	109	90
460-321264-19	RW-8D-(204-214)-022825	91	109	103	96
460-321264-20	RW-8S-(163-173)-022825	75	107	106	91
460-321264-21	RW-15D-(127-137)-022825	84	106	100	93
460-321264-22	RW-15S-(110-120)-022825	82	104	106	91
LCS 460-1024560/4	Lab Control Sample	96	109	99	98
LCS 460-1024626/4	Lab Control Sample	95	108	97	98
LCS 460-1025578/3	Lab Control Sample	98	103	99	104
LCS 460-1025653/4	Lab Control Sample	108	108	100	105
LCSD 460-1024560/5	Lab Control Sample Dup	96	107	98	98
LCSD 460-1024626/5	Lab Control Sample Dup	94	108	97	97
LCSD 460-1025578/5	Lab Control Sample Dup	102	107	99	103
LCSD 460-1025653/5	Lab Control Sample Dup	99	104	100	102
MB 460-1024560/9	Method Blank	90	105	103	94
MB 460-1024626/9	Method Blank	84	108	105	92
MB 460-1025578/8	Method Blank	97	98	99	103
MB 460-1025653/9	Method Blank	111	106	107	105

Surrogate Legend

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

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
		BFB
Lab Sample ID	Client Sample ID	(70-130)
460-321264-1	OB-3-022725	100
460-321264-2	OB-10-022725	104
460-321264-3	OB-29-022725	106

Surrogate Summary

Client: Cornerstone Environmental Group, LLC
Job ID: 460-321264-1
Project/Site: FORD Ringwood Mines E203361

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	BFB (70-130)						
460-321264-4	FB-03-022725	103						
460-321264-5	OB-11R-022725	105						
460-321264-6	OB-32-022725	103						
460-321264-7	RW-6A-022725	91						
460-321264-8	RW-6-022725	101						
460-321264-9	OB-20B-022725	95						
460-321264-10	Trip Blank-03-022725	104						
460-321264-11	RW-2D-(452-462)-022725	112						
460-321264-12	RW-2S-(279-289)-022725	111						
460-321264-13	RW-12S-(55-65)-022725	111						
460-321264-14	RW-12D-(130-140)-022725	110						
460-321264-15	RW-10S-(120-130)-022725	110						
460-321264-16	RW-10D-(185-195)-022725	109						
460-321264-17	RW-9S-(139-149)-022725	112						
460-321264-18	RW-9D-(206-216)-022725	110						
460-321264-19	RW-8D-(204-214)-022825	104						
460-321264-20	RW-8S-(163-173)-022825	109						
460-321264-21	RW-15D-(127-137)-022825	108						
460-321264-22	RW-15S-(110-120)-022825	110						
LCS 460-1024981/3	Lab Control Sample	104						
LCS 460-1025129/3	Lab Control Sample	105						
LCS 460-1025428/2	Lab Control Sample	105						
LCSD 460-1024981/4	Lab Control Sample Dup	110						
LCSD 460-1025129/4	Lab Control Sample Dup	105						
LCSD 460-1025428/3	Lab Control Sample Dup	86						
MB 460-1024981/7	Method Blank	99						
MB 460-1025129/7	Method Blank	106						
MB 460-1025428/7	Method Blank	95						

Surrogate Legend

BFB = 4-Bromofluorobenzene

Isotope Dilution Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DXE (10-150)						
460-321264-1	OB-3-022725	41						
460-321264-2	OB-10-022725	38						
460-321264-3	OB-29-022725	40						
460-321264-4	FB-03-022725	43						
460-321264-5	OB-11R-022725	32						
460-321264-6	OB-32-022725	62						
460-321264-7	RW-6A-022725	46						
460-321264-8	RW-6-022725	38						
460-321264-9	OB-20B-022725	45						
460-321264-11	RW-2D-(452-462)-022725	39						
460-321264-12	RW-2S-(279-289)-022725	40						
460-321264-13	RW-12S-(55-65)-022725	41						
460-321264-14	RW-12D-(130-140)-022725	31						
460-321264-15	RW-10S-(120-130)-022725	36						
460-321264-16	RW-10D-(185-195)-022725	37						
460-321264-17	RW-9S-(139-149)-022725	39						
460-321264-18	RW-9D-(206-216)-022725	36						
460-321264-19	RW-8D-(204-214)-022825	30						
460-321264-20	RW-8S-(163-173)-022825	31						
460-321264-21	RW-15D-(127-137)-022825	35						
460-321264-22	RW-15S-(110-120)-022825	34						
LCS 460-1024155/2-A	Lab Control Sample	43						
LCS 460-1024277/2-A	Lab Control Sample	39						
LCSD 460-1024155/3-A	Lab Control Sample Dup	33						
LCSD 460-1024277/3-A	Lab Control Sample Dup	36						
MB 460-1024155/1-A	Method Blank	33						
MB 460-1024277/1-A	Method Blank	37						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 460-1024560/9
Matrix: Water
Analysis Batch: 1024560

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	0.24	U	1.0	0.24	ug/L			03/06/25 22:23	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/06/25 22:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/06/25 22:23	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/06/25 22:23	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/06/25 22:23	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/06/25 22:23	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/06/25 22:23	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/06/25 22:23	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/06/25 22:23	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/06/25 22:23	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/06/25 22:23	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/06/25 22:23	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/06/25 22:23	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/06/25 22:23	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/06/25 22:23	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/06/25 22:23	1
Acetone	4.4	U	5.0	4.4	ug/L			03/06/25 22:23	1
Benzene	0.070	U	0.45	0.070	ug/L			03/06/25 22:23	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/06/25 22:23	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/06/25 22:23	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/06/25 22:23	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/06/25 22:23	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/06/25 22:23	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/06/25 22:23	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/06/25 22:23	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/06/25 22:23	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/06/25 22:23	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/06/25 22:23	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/06/25 22:23	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/06/25 22:23	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/06/25 22:23	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/06/25 22:23	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/06/25 22:23	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/06/25 22:23	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/06/25 22:23	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/06/25 22:23	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/06/25 22:23	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/06/25 22:23	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/06/25 22:23	1
Styrene	0.42	U	1.0	0.42	ug/L			03/06/25 22:23	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/06/25 22:23	1
Toluene	0.38	U	1.0	0.38	ug/L			03/06/25 22:23	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/06/25 22:23	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/06/25 22:23	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/06/25 22:23	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/06/25 22:23	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/06/25 22:23	1

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

Lab Sample ID: MB 460-1024560/9
Matrix: Water
Analysis Batch: 1024560

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		70 - 130		03/06/25 22:23	1
4-Bromofluorobenzene	105		70 - 130		03/06/25 22:23	1
Dibromofluoromethane (Surr)	103		70 - 130		03/06/25 22:23	1
Toluene-d8 (Surr)	94		70 - 130		03/06/25 22:23	1

Lab Sample ID: LCS 460-1024560/4
Matrix: Water
Analysis Batch: 1024560

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	20.0	20.0		ug/L		100	70 - 130
1,1,2,2-Tetrachloroethane	20.0	20.6		ug/L		103	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.6		ug/L		98	70 - 130
1,1,2-Trichloroethane	20.0	19.0		ug/L		95	70 - 130
1,1-Dichloroethane	20.0	20.2		ug/L		101	70 - 130
1,1-Dichloroethene	20.0	16.1		ug/L		80	70 - 130
1,2,3-Trichlorobenzene	20.0	21.9		ug/L		110	70 - 130
1,2,4-Trichlorobenzene	20.0	22.8		ug/L		114	70 - 130
1,2-Dichlorobenzene	20.0	20.9		ug/L		105	70 - 130
1,2-Dichloroethane	20.0	18.5		ug/L		92	70 - 130
1,2-Dichloropropane	20.0	19.5		ug/L		97	70 - 130
1,3-Dichlorobenzene	20.0	20.8		ug/L		104	70 - 130
1,4-Dichlorobenzene	20.0	20.4		ug/L		102	70 - 130
2-Butanone (MEK)	100	103		ug/L		103	40 - 160
2-Hexanone	100	126		ug/L		126	40 - 160
4-Methyl-2-pentanone (MIBK)	100	116		ug/L		116	40 - 160
Acetone	100	72.5		ug/L		73	40 - 160
Benzene	20.0	19.1		ug/L		95	70 - 130
Bromoform	20.0	20.2		ug/L		101	70 - 130
Bromomethane	20.0	25.9		ug/L		130	40 - 160
Carbon disulfide	20.0	18.0		ug/L		90	40 - 160
Carbon tetrachloride	20.0	18.7		ug/L		94	70 - 130
Chlorobenzene	20.0	20.5		ug/L		102	70 - 130
Chlorobromomethane	20.0	16.6		ug/L		83	70 - 130
Chlorodibromomethane	20.0	20.5		ug/L		102	70 - 130
Chloroethane	20.0	35.2	*+	ug/L		176	40 - 160
Chloroform	20.0	21.3		ug/L		107	70 - 130
Chloromethane	20.0	18.7		ug/L		93	40 - 160
cis-1,2-Dichloroethene	20.0	20.5		ug/L		102	70 - 130
cis-1,3-Dichloropropene	20.0	18.7		ug/L		94	70 - 130
Cyclohexane	20.0	17.7		ug/L		89	70 - 130
Dichlorobromomethane	20.0	19.6		ug/L		98	70 - 130
Dichlorodifluoromethane	20.0	21.0		ug/L		105	40 - 160
Ethylbenzene	20.0	20.3		ug/L		102	70 - 130
Isopropylbenzene	20.0	20.8		ug/L		104	70 - 130
Methyl acetate	40.0	41.1		ug/L		103	70 - 130
Methyl tert-butyl ether	20.0	16.3		ug/L		82	70 - 130
Methylcyclohexane	20.0	19.1		ug/L		95	70 - 130

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

Lab Sample ID: LCS 460-1024560/4
Matrix: Water
Analysis Batch: 1024560

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	20.0	20.5		ug/L		103	70 - 130
Styrene	20.0	21.3		ug/L		107	70 - 130
Tetrachloroethene	20.0	19.3		ug/L		97	70 - 130
Toluene	20.0	20.0		ug/L		100	70 - 130
trans-1,2-Dichloroethene	20.0	21.0		ug/L		105	70 - 130
trans-1,3-Dichloropropene	20.0	19.7		ug/L		98	70 - 130
Trichloroethene	20.0	19.8		ug/L		99	70 - 130
Trichlorofluoromethane	20.0	15.5		ug/L		77	40 - 160
Xylenes, Total	40.0	41.9		ug/L		105	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*
4-Bromofluorobenzene	*109*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 460-1024560/5
Matrix: Water
Analysis Batch: 1024560

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	19.3		ug/L		97	70 - 130	3	20
1,1,2,2-Tetrachloroethane	20.0	19.5		ug/L		97	70 - 130	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.4		ug/L		97	70 - 130	1	20
1,1,2-Trichloroethane	20.0	17.9		ug/L		90	70 - 130	5	20
1,1-Dichloroethane	20.0	19.2		ug/L		96	70 - 130	5	20
1,1-Dichloroethene	20.0	19.0		ug/L		95	70 - 130	17	20
1,2,3-Trichlorobenzene	20.0	19.4		ug/L		97	70 - 130	12	20
1,2,4-Trichlorobenzene	20.0	21.0		ug/L		105	70 - 130	8	20
1,2-Dichlorobenzene	20.0	19.3		ug/L		97	70 - 130	8	20
1,2-Dichloroethane	20.0	17.2		ug/L		86	70 - 130	7	20
1,2-Dichloropropane	20.0	18.6		ug/L		93	70 - 130	4	20
1,3-Dichlorobenzene	20.0	19.2		ug/L		96	70 - 130	8	20
1,4-Dichlorobenzene	20.0	18.6		ug/L		93	70 - 130	9	20
2-Butanone (MEK)	100	93.6		ug/L		94	40 - 160	9	20
2-Hexanone	100	106		ug/L		106	40 - 160	17	20
4-Methyl-2-pentanone (MIBK)	100	100		ug/L		100	40 - 160	14	20
Acetone	100	76.2		ug/L		76	40 - 160	5	20
Benzene	20.0	18.1		ug/L		91	70 - 130	5	20
Bromoform	20.0	18.3		ug/L		91	70 - 130	10	20
Bromomethane	20.0	20.5	*1	ug/L		102	40 - 160	23	20
Carbon disulfide	20.0	17.4		ug/L		87	40 - 160	3	20
Carbon tetrachloride	20.0	17.6		ug/L		88	70 - 130	6	20
Chlorobenzene	20.0	18.5		ug/L		92	70 - 130	10	20
Chlorobromomethane	20.0	17.0		ug/L		85	70 - 130	2	20
Chlorodibromomethane	20.0	18.8		ug/L		94	70 - 130	8	20
Chloroethane	20.0	32.2	*+	ug/L		161	40 - 160	9	20
Chloroform	20.0	19.6		ug/L		98	70 - 130	8	20

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

Lab Sample ID: LCSD 460-1024560/5
Matrix: Water
Analysis Batch: 1024560

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane			20.0	17.5		ug/L		87	40 - 160	7	20
cis-1,2-Dichloroethene			20.0	19.2		ug/L		96	70 - 130	6	20
cis-1,3-Dichloropropene			20.0	18.3		ug/L		92	70 - 130	2	20
Cyclohexane			20.0	17.9		ug/L		89	70 - 130	1	20
Dichlorobromomethane			20.0	18.5		ug/L		93	70 - 130	6	20
Dichlorodifluoromethane			20.0	18.9		ug/L		95	40 - 160	10	20
Ethylbenzene			20.0	18.5		ug/L		92	70 - 130	10	20
Isopropylbenzene			20.0	18.7		ug/L		93	70 - 130	11	20
Methyl acetate			40.0	46.9		ug/L		117	70 - 130	13	20
Methyl tert-butyl ether			20.0	18.1		ug/L		90	70 - 130	10	20
Methylcyclohexane			20.0	17.1		ug/L		86	70 - 130	11	20
Methylene Chloride			20.0	18.2		ug/L		91	70 - 130	12	20
Styrene			20.0	19.2		ug/L		96	70 - 130	10	20
Tetrachloroethene			20.0	17.0		ug/L		85	70 - 130	13	20
Toluene			20.0	18.4		ug/L		92	70 - 130	9	20
trans-1,2-Dichloroethene			20.0	20.0		ug/L		100	70 - 130	5	20
trans-1,3-Dichloropropene			20.0	19.3		ug/L		96	70 - 130	2	20
Trichloroethene			20.0	18.5		ug/L		92	70 - 130	7	20
Trichlorofluoromethane			20.0	18.3		ug/L		91	40 - 160	17	20
Xylenes, Total			40.0	37.7		ug/L		94	70 - 130	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*70 - 130*
4-Bromofluorobenzene	*107*		*70 - 130*
Dibromofluoromethane (Surr)	*98*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: MB 460-1024626/9
Matrix: Water
Analysis Batch: 1024626

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	0.24	U	1.0	0.24	ug/L			03/07/25 10:32	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/07/25 10:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/07/25 10:32	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/07/25 10:32	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/07/25 10:32	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/07/25 10:32	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/07/25 10:32	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/07/25 10:32	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/07/25 10:32	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/07/25 10:32	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/07/25 10:32	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/07/25 10:32	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/07/25 10:32	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/07/25 10:32	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/07/25 10:32	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/07/25 10:32	1

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

Lab Sample ID: MB 460-1024626/9
Matrix: Water
Analysis Batch: 1024626

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	4.4	U	5.0	4.4	ug/L			03/07/25 10:32	1
Benzene	0.070	U	0.45	0.070	ug/L			03/07/25 10:32	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/07/25 10:32	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/07/25 10:32	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/07/25 10:32	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/07/25 10:32	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/07/25 10:32	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/07/25 10:32	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/07/25 10:32	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/07/25 10:32	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/07/25 10:32	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/07/25 10:32	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/07/25 10:32	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/07/25 10:32	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/07/25 10:32	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/07/25 10:32	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/07/25 10:32	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/07/25 10:32	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/07/25 10:32	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/07/25 10:32	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/07/25 10:32	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/07/25 10:32	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/07/25 10:32	1
Styrene	0.42	U	1.0	0.42	ug/L			03/07/25 10:32	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/07/25 10:32	1
Toluene	0.38	U	1.0	0.38	ug/L			03/07/25 10:32	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/07/25 10:32	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/07/25 10:32	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/07/25 10:32	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/07/25 10:32	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/07/25 10:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 130*		*03/07/25 10:32*	*1*
4-Bromofluorobenzene	*108*		*70 - 130*		*03/07/25 10:32*	*1*
Dibromofluoromethane (Surr)	*105*		*70 - 130*		*03/07/25 10:32*	*1*
Toluene-d8 (Surr)	*92*		*70 - 130*		*03/07/25 10:32*	*1*

Lab Sample ID: LCS 460-1024626/4
Matrix: Water
Analysis Batch: 1024626

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	20.0	22.0		ug/L		110	70 - 130
1,1,2,2-Tetrachloroethane	20.0	20.5		ug/L		102	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	25.8		ug/L		129	70 - 130
1,1,2-Trichloroethane	20.0	19.7		ug/L		98	70 - 130
1,1-Dichloroethane	20.0	21.1		ug/L		105	70 - 130

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

Lab Sample ID: LCS 460-1024626/4
Matrix: Water
Analysis Batch: 1024626

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	20.0	22.7		ug/L		114	70 - 130
1,2,3-Trichlorobenzene	20.0	20.6		ug/L		103	70 - 130
1,2,4-Trichlorobenzene	20.0	21.2		ug/L		106	70 - 130
1,2-Dichlorobenzene	20.0	20.3		ug/L		101	70 - 130
1,2-Dichloroethane	20.0	18.6		ug/L		93	70 - 130
1,2-Dichloropropane	20.0	20.6		ug/L		103	70 - 130
1,3-Dichlorobenzene	20.0	20.4		ug/L		102	70 - 130
1,4-Dichlorobenzene	20.0	19.7		ug/L		99	70 - 130
2-Butanone (MEK)	100	96.8		ug/L		97	40 - 160
2-Hexanone	100	109		ug/L		109	40 - 160
4-Methyl-2-pentanone (MIBK)	100	104		ug/L		104	40 - 160
Acetone	100	81.4		ug/L		81	40 - 160
Benzene	20.0	20.5		ug/L		103	70 - 130
Bromoform	20.0	19.1		ug/L		96	70 - 130
Bromomethane	20.0	19.5		ug/L		97	40 - 160
Carbon disulfide	20.0	23.1		ug/L		116	40 - 160
Carbon tetrachloride	20.0	21.2		ug/L		106	70 - 130
Chlorobenzene	20.0	20.1		ug/L		101	70 - 130
Chlorobromomethane	20.0	19.3		ug/L		96	70 - 130
Chlorodibromomethane	20.0	20.6		ug/L		103	70 - 130
Chloroethane	20.0	34.9	*+	ug/L		174	40 - 160
Chloroform	20.0	20.8		ug/L		104	70 - 130
Chloromethane	20.0	19.3		ug/L		97	40 - 160
cis-1,2-Dichloroethene	20.0	20.5		ug/L		103	70 - 130
cis-1,3-Dichloropropene	20.0	19.8		ug/L		99	70 - 130
Cyclohexane	20.0	24.2		ug/L		121	70 - 130
Dichlorobromomethane	20.0	20.3		ug/L		102	70 - 130
Dichlorodifluoromethane	20.0	22.7		ug/L		114	40 - 160
Ethylbenzene	20.0	20.5		ug/L		103	70 - 130
Isopropylbenzene	20.0	20.2		ug/L		101	70 - 130
Methyl acetate	40.0	54.8	*+	ug/L		137	70 - 130
Methyl tert-butyl ether	20.0	20.3		ug/L		101	70 - 130
Methylcyclohexane	20.0	23.2		ug/L		116	70 - 130
Methylene Chloride	20.0	19.7		ug/L		99	70 - 130
Styrene	20.0	20.5		ug/L		102	70 - 130
Tetrachloroethene	20.0	19.2		ug/L		96	70 - 130
Toluene	20.0	20.0		ug/L		100	70 - 130
trans-1,2-Dichloroethene	20.0	22.7		ug/L		113	70 - 130
trans-1,3-Dichloropropene	20.0	20.3		ug/L		101	70 - 130
Trichloroethene	20.0	21.6		ug/L		108	70 - 130
Trichlorofluoromethane	20.0	21.6		ug/L		108	40 - 160
Xylenes, Total	40.0	40.6		ug/L		101	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 130*
4-Bromofluorobenzene	*108*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*98*		*70 - 130*

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

Lab Sample ID: LCSD 460-1024626/5
Matrix: Water
Analysis Batch: 1024626

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	21.6		ug/L		108	70 - 130	2	20
1,1,2,2-Tetrachloroethane			20.0	19.5		ug/L		98	70 - 130	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	25.0		ug/L		125	70 - 130	3	20
1,1,2-Trichloroethane			20.0	19.4		ug/L		97	70 - 130	1	20
1,1-Dichloroethane			20.0	21.7		ug/L		108	70 - 130	3	20
1,1-Dichloroethene			20.0	25.5		ug/L		127	70 - 130	12	20
1,2,3-Trichlorobenzene			20.0	20.4		ug/L		102	70 - 130	1	20
1,2,4-Trichlorobenzene			20.0	21.7		ug/L		109	70 - 130	2	20
1,2-Dichlorobenzene			20.0	19.9		ug/L		99	70 - 130	2	20
1,2-Dichloroethane			20.0	18.2		ug/L		91	70 - 130	2	20
1,2-Dichloropropane			20.0	20.8		ug/L		104	70 - 130	1	20
1,3-Dichlorobenzene			20.0	20.2		ug/L		101	70 - 130	1	20
1,4-Dichlorobenzene			20.0	19.7		ug/L		99	70 - 130	0	20
2-Butanone (MEK)			100	100		ug/L		100	40 - 160	4	20
2-Hexanone			100	106		ug/L		106	40 - 160	2	20
4-Methyl-2-pentanone (MIBK)			100	102		ug/L		102	40 - 160	1	20
Acetone			100	86.2		ug/L		86	40 - 160	6	20
Benzene			20.0	20.5		ug/L		102	70 - 130	0	20
Bromoform			20.0	18.4		ug/L		92	70 - 130	4	20
Bromomethane			20.0	25.6	*1	ug/L		128	40 - 160	27	20
Carbon disulfide			20.0	23.0		ug/L		115	40 - 160	1	20
Carbon tetrachloride			20.0	21.1		ug/L		105	70 - 130	1	20
Chlorobenzene			20.0	19.8		ug/L		99	70 - 130	2	20
Chlorobromomethane			20.0	19.7		ug/L		99	70 - 130	2	20
Chlorodibromomethane			20.0	20.5		ug/L		102	70 - 130	0	20
Chloroethane			20.0	34.4	*+	ug/L		172	40 - 160	1	20
Chloroform			20.0	20.6		ug/L		103	70 - 130	1	20
Chloromethane			20.0	20.5		ug/L		102	40 - 160	6	20
cis-1,2-Dichloroethene			20.0	21.2		ug/L		106	70 - 130	3	20
cis-1,3-Dichloropropene			20.0	20.0		ug/L		100	70 - 130	1	20
Cyclohexane			20.0	23.7		ug/L		119	70 - 130	2	20
Dichlorobromomethane			20.0	20.0		ug/L		100	70 - 130	1	20
Dichlorodifluoromethane			20.0	22.8		ug/L		114	40 - 160	0	20
Ethylbenzene			20.0	19.9		ug/L		99	70 - 130	3	20
Isopropylbenzene			20.0	19.8		ug/L		99	70 - 130	2	20
Methyl acetate			40.0	68.9	*+ *1	ug/L		172	70 - 130	23	20
Methyl tert-butyl ether			20.0	20.1		ug/L		101	70 - 130	1	20
Methylcyclohexane			20.0	22.7		ug/L		114	70 - 130	2	20
Methylene Chloride			20.0	20.2		ug/L		101	70 - 130	2	20
Styrene			20.0	20.1		ug/L		100	70 - 130	2	20
Tetrachloroethene			20.0	19.1		ug/L		95	70 - 130	1	20
Toluene			20.0	20.2		ug/L		101	70 - 130	1	20
trans-1,2-Dichloroethene			20.0	22.9		ug/L		114	70 - 130	1	20
trans-1,3-Dichloropropene			20.0	20.2		ug/L		101	70 - 130	1	20
Trichloroethene			20.0	21.3		ug/L		106	70 - 130	1	20
Trichlorofluoromethane			20.0	24.7		ug/L		124	40 - 160	13	20
Xylenes, Total			40.0	39.8		ug/L		100	70 - 130	2	20

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

Lab Sample ID: LCSD 460-1024626/5
Matrix: Water
Analysis Batch: 1024626

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*94*		*70 - 130*
4-Bromofluorobenzene	*108*		*70 - 130*
Dibromofluoromethane (Surr)	*97*		*70 - 130*
Toluene-d8 (Surr)	*97*		*70 - 130*

Lab Sample ID: MB 460-1025578/8
Matrix: Water
Analysis Batch: 1025578

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	0.24	U	1.0	0.24	ug/L			03/12/25 22:16	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/12/25 22:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/12/25 22:16	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/12/25 22:16	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/12/25 22:16	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/12/25 22:16	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/12/25 22:16	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/12/25 22:16	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/12/25 22:16	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/12/25 22:16	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/12/25 22:16	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/12/25 22:16	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/12/25 22:16	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/12/25 22:16	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/12/25 22:16	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/12/25 22:16	1
Acetone	4.4	U	5.0	4.4	ug/L			03/12/25 22:16	1
Benzene	0.070	U	0.45	0.070	ug/L			03/12/25 22:16	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/12/25 22:16	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/12/25 22:16	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/12/25 22:16	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/12/25 22:16	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/12/25 22:16	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/12/25 22:16	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/12/25 22:16	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/12/25 22:16	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/12/25 22:16	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/12/25 22:16	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/12/25 22:16	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/12/25 22:16	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/12/25 22:16	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/12/25 22:16	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/12/25 22:16	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/12/25 22:16	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/12/25 22:16	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/12/25 22:16	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/12/25 22:16	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/12/25 22:16	1

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

Lab Sample ID: MB 460-1025578/8
Matrix: Water
Analysis Batch: 1025578

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/12/25 22:16	1
Styrene	0.42	U	1.0	0.42	ug/L			03/12/25 22:16	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/12/25 22:16	1
Toluene	0.38	U	1.0	0.38	ug/L			03/12/25 22:16	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/12/25 22:16	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/12/25 22:16	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/12/25 22:16	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/12/25 22:16	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/12/25 22:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 130*		*03/12/25 22:16*	*1*
4-Bromofluorobenzene	*98*		*70 - 130*		*03/12/25 22:16*	*1*
Dibromofluoromethane (Surr)	*99*		*70 - 130*		*03/12/25 22:16*	*1*
Toluene-d8 (Surr)	*103*		*70 - 130*		*03/12/25 22:16*	*1*

Lab Sample ID: LCS 460-1025578/3
Matrix: Water
Analysis Batch: 1025578

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	20.0	20.5		ug/L		102	70 - 130
1,1,2,2-Tetrachloroethane	20.0	19.0		ug/L		95	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.0		ug/L		105	70 - 130
1,1,2-Trichloroethane	20.0	21.3		ug/L		106	70 - 130
1,1-Dichloroethane	20.0	22.1		ug/L		110	70 - 130
1,1-Dichloroethene	20.0	20.0		ug/L		100	70 - 130
1,2,3-Trichlorobenzene	20.0	21.5		ug/L		107	70 - 130
1,2,4-Trichlorobenzene	20.0	20.3		ug/L		102	70 - 130
1,2-Dichlorobenzene	20.0	20.1		ug/L		100	70 - 130
1,2-Dichloroethane	20.0	20.8		ug/L		104	70 - 130
1,2-Dichloropropane	20.0	21.2		ug/L		106	70 - 130
1,3-Dichlorobenzene	20.0	19.6		ug/L		98	70 - 130
1,4-Dichlorobenzene	20.0	20.0		ug/L		100	70 - 130
2-Butanone (MEK)	100	93.6		ug/L		94	40 - 160
2-Hexanone	100	113		ug/L		113	40 - 160
4-Methyl-2-pentanone (MIBK)	100	109		ug/L		109	40 - 160
Acetone	100	93.8		ug/L		94	40 - 160
Benzene	20.0	21.0		ug/L		105	70 - 130
Bromoform	20.0	15.4		ug/L		77	70 - 130
Bromomethane	20.0	18.5		ug/L		92	40 - 160
Carbon disulfide	20.0	21.5		ug/L		107	40 - 160
Carbon tetrachloride	20.0	18.8		ug/L		94	70 - 130
Chlorobenzene	20.0	20.1		ug/L		101	70 - 130
Chlorobromomethane	20.0	19.7		ug/L		98	70 - 130
Chlorodibromomethane	20.0	17.3		ug/L		87	70 - 130
Chloroethane	20.0	24.9		ug/L		125	40 - 160
Chloroform	20.0	20.5		ug/L		102	70 - 130

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

Lab Sample ID: LCS 460-1025578/3
Matrix: Water
Analysis Batch: 1025578

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloromethane			20.0	24.9		ug/L		125	40 - 160		
cis-1,2-Dichloroethene			20.0	21.1		ug/L		105	70 - 130		
cis-1,3-Dichloropropene			20.0	20.2		ug/L		101	70 - 130		
Cyclohexane			20.0	21.6		ug/L		108	70 - 130		
Dichlorobromomethane			20.0	18.5		ug/L		92	70 - 130		
Dichlorodifluoromethane			20.0	27.5		ug/L		138	40 - 160		
Ethylbenzene			20.0	19.8		ug/L		99	70 - 130		
Isopropylbenzene			20.0	20.6		ug/L		103	70 - 130		
Methyl acetate			40.0	46.3		ug/L		116	70 - 130		
Methyl tert-butyl ether			20.0	21.0		ug/L		105	70 - 130		
Methylcyclohexane			20.0	22.1		ug/L		111	70 - 130		
Methylene Chloride			20.0	22.0		ug/L		110	70 - 130		
Styrene			20.0	19.8		ug/L		99	70 - 130		
Tetrachloroethene			20.0	20.3		ug/L		102	70 - 130		
Toluene			20.0	20.1		ug/L		100	70 - 130		
trans-1,2-Dichloroethene			20.0	20.2		ug/L		101	70 - 130		
trans-1,3-Dichloropropene			20.0	18.4		ug/L		92	70 - 130		
Trichloroethene			20.0	19.6		ug/L		98	70 - 130		
Trichlorofluoromethane			20.0	22.5		ug/L		112	40 - 160		
Xylenes, Total			40.0	41.2		ug/L		103	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 130*
4-Bromofluorobenzene	*103*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 460-1025578/5
Matrix: Water
Analysis Batch: 1025578

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	20.5		ug/L		103	70 - 130	0	20
1,1,2,2-Tetrachloroethane			20.0	18.1		ug/L		90	70 - 130	5	20
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	21.1		ug/L		106	70 - 130	1	20
1,1,2-Trichloroethane			20.0	20.3		ug/L		102	70 - 130	5	20
1,1-Dichloroethane			20.0	21.5		ug/L		108	70 - 130	3	20
1,1-Dichloroethene			20.0	20.0		ug/L		100	70 - 130	0	20
1,2,3-Trichlorobenzene			20.0	21.2		ug/L		106	70 - 130	1	20
1,2,4-Trichlorobenzene			20.0	20.1		ug/L		100	70 - 130	1	20
1,2-Dichlorobenzene			20.0	19.2		ug/L		96	70 - 130	4	20
1,2-Dichloroethane			20.0	19.9		ug/L		100	70 - 130	4	20
1,2-Dichloropropane			20.0	20.8		ug/L		104	70 - 130	2	20
1,3-Dichlorobenzene			20.0	19.4		ug/L		97	70 - 130	1	20
1,4-Dichlorobenzene			20.0	18.8		ug/L		94	70 - 130	6	20
2-Butanone (MEK)			100	81.9		ug/L		82	40 - 160	13	20
2-Hexanone			100	103		ug/L		103	40 - 160	9	20
4-Methyl-2-pentanone (MIBK)			100	102		ug/L		102	40 - 160	7	20

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

Lab Sample ID: LCSD 460-1025578/5
Matrix: Water
Analysis Batch: 1025578

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			100	85.1		ug/L		85	40 - 160	10	20
Benzene			20.0	20.3		ug/L		102	70 - 130	3	20
Bromoform			20.0	14.8		ug/L		74	70 - 130	4	20
Bromomethane			20.0	19.7		ug/L		99	40 - 160	7	20
Carbon disulfide			20.0	21.9		ug/L		110	40 - 160	2	20
Carbon tetrachloride			20.0	18.9		ug/L		95	70 - 130	1	20
Chlorobenzene			20.0	19.5		ug/L		97	70 - 130	3	20
Chlorobromomethane			20.0	19.0		ug/L		95	70 - 130	4	20
Chlorodibromomethane			20.0	16.3		ug/L		81	70 - 130	6	20
Chloroethane			20.0	25.3		ug/L		127	40 - 160	2	20
Chloroform			20.0	20.4		ug/L		102	70 - 130	0	20
Chloromethane			20.0	24.4		ug/L		122	40 - 160	2	20
cis-1,2-Dichloroethene			20.0	20.3		ug/L		102	70 - 130	4	20
cis-1,3-Dichloropropene			20.0	19.8		ug/L		99	70 - 130	2	20
Cyclohexane			20.0	22.3		ug/L		111	70 - 130	3	20
Dichlorobromomethane			20.0	18.4		ug/L		92	70 - 130	1	20
Dichlorodifluoromethane			20.0	29.1		ug/L		146	40 - 160	6	20
Ethylbenzene			20.0	19.6		ug/L		98	70 - 130	1	20
Isopropylbenzene			20.0	20.1		ug/L		101	70 - 130	2	20
Methyl acetate			40.0	45.2		ug/L		113	70 - 130	2	20
Methyl tert-butyl ether			20.0	20.5		ug/L		103	70 - 130	3	20
Methylcyclohexane			20.0	21.9		ug/L		110	70 - 130	1	20
Methylene Chloride			20.0	21.4		ug/L		107	70 - 130	3	20
Styrene			20.0	19.6		ug/L		98	70 - 130	1	20
Tetrachloroethene			20.0	19.7		ug/L		98	70 - 130	3	20
Toluene			20.0	19.6		ug/L		98	70 - 130	3	20
trans-1,2-Dichloroethene			20.0	19.9		ug/L		100	70 - 130	2	20
trans-1,3-Dichloropropene			20.0	17.9		ug/L		90	70 - 130	2	20
Trichloroethene			20.0	19.4		ug/L		97	70 - 130	1	20
Trichlorofluoromethane			20.0	22.6		ug/L		113	40 - 160	1	20
Xylenes, Total			40.0	39.1		ug/L		98	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 130*
4-Bromofluorobenzene	*107*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 460-1025653/9
Matrix: Water
Analysis Batch: 1025653

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	0.24	U	1.0	0.24	ug/L			03/13/25 11:05	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/13/25 11:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/13/25 11:05	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/13/25 11:05	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/13/25 11:05	1

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

Lab Sample ID: MB 460-1025653/9
Matrix: Water
Analysis Batch: 1025653

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/13/25 11:05	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/13/25 11:05	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/13/25 11:05	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/13/25 11:05	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/13/25 11:05	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/13/25 11:05	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/13/25 11:05	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/13/25 11:05	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/13/25 11:05	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/13/25 11:05	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/13/25 11:05	1
Acetone	4.4	U	5.0	4.4	ug/L			03/13/25 11:05	1
Benzene	0.070	U	0.45	0.070	ug/L			03/13/25 11:05	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/13/25 11:05	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/13/25 11:05	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/13/25 11:05	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/13/25 11:05	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/13/25 11:05	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/13/25 11:05	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/13/25 11:05	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/13/25 11:05	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/13/25 11:05	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/13/25 11:05	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/13/25 11:05	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/13/25 11:05	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/13/25 11:05	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/13/25 11:05	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/13/25 11:05	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/13/25 11:05	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/13/25 11:05	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/13/25 11:05	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/13/25 11:05	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/13/25 11:05	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/13/25 11:05	1
Styrene	0.42	U	1.0	0.42	ug/L			03/13/25 11:05	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/13/25 11:05	1
Toluene	0.38	U	1.0	0.38	ug/L			03/13/25 11:05	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/13/25 11:05	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/13/25 11:05	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/13/25 11:05	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/13/25 11:05	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/13/25 11:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 130*		*03/13/25 11:05*	*1*
4-Bromofluorobenzene	*106*		*70 - 130*		*03/13/25 11:05*	*1*
Dibromofluoromethane (Surr)	*107*		*70 - 130*		*03/13/25 11:05*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/13/25 11:05*	*1*

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

Lab Sample ID: LCS 460-1025653/4
Matrix: Water
Analysis Batch: 1025653

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	20.0	18.7		ug/L		93	70 - 130
1,1,2,2-Tetrachloroethane	20.0	17.9		ug/L		90	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.5		ug/L		98	70 - 130
1,1,2-Trichloroethane	20.0	19.3		ug/L		96	70 - 130
1,1-Dichloroethane	20.0	19.7		ug/L		99	70 - 130
1,1-Dichloroethene	20.0	18.2		ug/L		91	70 - 130
1,2,3-Trichlorobenzene	20.0	19.7		ug/L		98	70 - 130
1,2,4-Trichlorobenzene	20.0	19.3		ug/L		96	70 - 130
1,2-Dichlorobenzene	20.0	18.0		ug/L		90	70 - 130
1,2-Dichloroethane	20.0	18.9		ug/L		95	70 - 130
1,2-Dichloropropane	20.0	19.5		ug/L		98	70 - 130
1,3-Dichlorobenzene	20.0	17.5		ug/L		88	70 - 130
1,4-Dichlorobenzene	20.0	17.3		ug/L		86	70 - 130
2-Butanone (MEK)	100	87.1		ug/L		87	40 - 160
2-Hexanone	100	105		ug/L		105	40 - 160
4-Methyl-2-pentanone (MIBK)	100	102		ug/L		102	40 - 160
Acetone	100	88.3		ug/L		88	40 - 160
Benzene	20.0	18.3		ug/L		92	70 - 130
Bromoform	20.0	15.1		ug/L		76	70 - 130
Bromomethane	20.0	16.6		ug/L		83	40 - 160
Carbon disulfide	20.0	18.8		ug/L		94	40 - 160
Carbon tetrachloride	20.0	17.2		ug/L		86	70 - 130
Chlorobenzene	20.0	18.3		ug/L		91	70 - 130
Chlorobromomethane	20.0	18.2		ug/L		91	70 - 130
Chlorodibromomethane	20.0	16.4		ug/L		82	70 - 130
Chloroethane	20.0	19.4		ug/L		97	40 - 160
Chloroform	20.0	18.8		ug/L		94	70 - 130
Chloromethane	20.0	21.9		ug/L		110	40 - 160
cis-1,2-Dichloroethene	20.0	18.7		ug/L		94	70 - 130
cis-1,3-Dichloropropene	20.0	19.0		ug/L		95	70 - 130
Cyclohexane	20.0	20.5		ug/L		102	70 - 130
Dichlorobromomethane	20.0	17.2		ug/L		86	70 - 130
Dichlorodifluoromethane	20.0	27.0		ug/L		135	40 - 160
Ethylbenzene	20.0	17.9		ug/L		90	70 - 130
Isopropylbenzene	20.0	18.9		ug/L		94	70 - 130
Methyl acetate	40.0	43.4		ug/L		108	70 - 130
Methyl tert-butyl ether	20.0	19.9		ug/L		99	70 - 130
Methylcyclohexane	20.0	21.1		ug/L		105	70 - 130
Methylene Chloride	20.0	18.9		ug/L		95	70 - 130
Styrene	20.0	18.2		ug/L		91	70 - 130
Tetrachloroethene	20.0	17.8		ug/L		89	70 - 130
Toluene	20.0	18.4		ug/L		92	70 - 130
trans-1,2-Dichloroethene	20.0	17.9		ug/L		89	70 - 130
trans-1,3-Dichloropropene	20.0	17.3		ug/L		87	70 - 130
Trichloroethene	20.0	17.5		ug/L		88	70 - 130
Trichlorofluoromethane	20.0	20.9		ug/L		105	40 - 160
Xylenes, Total	40.0	36.5		ug/L		91	70 - 130

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

Lab Sample ID: LCS 460-1025653/4
Matrix: Water
Analysis Batch: 1025653

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*
4-Bromofluorobenzene	*108*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 460-1025653/5
Matrix: Water
Analysis Batch: 1025653

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	20.2		ug/L		101	70 - 130	8	20
1,1,2,2-Tetrachloroethane			20.0	18.5		ug/L		93	70 - 130	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	20.8		ug/L		104	70 - 130	6	20
1,1,2-Trichloroethane			20.0	20.1		ug/L		100	70 - 130	4	20
1,1-Dichloroethane			20.0	21.3		ug/L		107	70 - 130	8	20
1,1-Dichloroethene			20.0	18.8		ug/L		94	70 - 130	3	20
1,2,3-Trichlorobenzene			20.0	20.1		ug/L		100	70 - 130	2	20
1,2,4-Trichlorobenzene			20.0	19.6		ug/L		98	70 - 130	1	20
1,2-Dichlorobenzene			20.0	18.7		ug/L		93	70 - 130	4	20
1,2-Dichloroethane			20.0	19.9		ug/L		100	70 - 130	5	20
1,2-Dichloropropane			20.0	20.1		ug/L		100	70 - 130	3	20
1,3-Dichlorobenzene			20.0	18.3		ug/L		91	70 - 130	4	20
1,4-Dichlorobenzene			20.0	18.2		ug/L		91	70 - 130	5	20
2-Butanone (MEK)			100	90.7		ug/L		91	40 - 160	4	20
2-Hexanone			100	107		ug/L		107	40 - 160	2	20
4-Methyl-2-pentanone (MIBK)			100	104		ug/L		104	40 - 160	2	20
Acetone			100	87.7		ug/L		88	40 - 160	1	20
Benzene			20.0	19.3		ug/L		97	70 - 130	5	20
Bromoform			20.0	16.9		ug/L		84	70 - 130	11	20
Bromomethane			20.0	19.7		ug/L		99	40 - 160	17	20
Carbon disulfide			20.0	19.9		ug/L		100	40 - 160	6	20
Carbon tetrachloride			20.0	18.3		ug/L		92	70 - 130	6	20
Chlorobenzene			20.0	19.0		ug/L		95	70 - 130	4	20
Chlorobromomethane			20.0	18.4		ug/L		92	70 - 130	1	20
Chlorodibromomethane			20.0	17.2		ug/L		86	70 - 130	5	20
Chloroethane			20.0	20.5		ug/L		102	40 - 160	5	20
Chloroform			20.0	20.1		ug/L		100	70 - 130	6	20
Chloromethane			20.0	22.7		ug/L		113	40 - 160	3	20
cis-1,2-Dichloroethene			20.0	19.9		ug/L		99	70 - 130	6	20
cis-1,3-Dichloropropene			20.0	19.4		ug/L		97	70 - 130	2	20
Cyclohexane			20.0	21.4		ug/L		107	70 - 130	4	20
Dichlorobromomethane			20.0	17.7		ug/L		88	70 - 130	2	20
Dichlorodifluoromethane			20.0	28.5		ug/L		142	40 - 160	5	20
Ethylbenzene			20.0	18.8		ug/L		94	70 - 130	5	20
Isopropylbenzene			20.0	19.8		ug/L		99	70 - 130	5	20
Methyl acetate			40.0	46.7		ug/L		117	70 - 130	7	20
Methyl tert-butyl ether			20.0	20.1		ug/L		101	70 - 130	1	20
Methylcyclohexane			20.0	21.5		ug/L		108	70 - 130	2	20

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

Lab Sample ID: LCSD 460-1025653/5
Matrix: Water
Analysis Batch: 1025653

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methylene Chloride			20.0	20.6		ug/L		103	70 - 130	8	20
Styrene			20.0	18.9		ug/L		95	70 - 130	4	20
Tetrachloroethene			20.0	18.7		ug/L		93	70 - 130	4	20
Toluene			20.0	19.0		ug/L		95	70 - 130	3	20
trans-1,2-Dichloroethene			20.0	19.2		ug/L		96	70 - 130	7	20
trans-1,3-Dichloropropene			20.0	17.8		ug/L		89	70 - 130	3	20
Trichloroethene			20.0	19.0		ug/L		95	70 - 130	8	20
Trichlorofluoromethane			20.0	21.8		ug/L		109	40 - 160	4	20
Xylenes, Total			40.0	37.8		ug/L		95	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 130*
4-Bromofluorobenzene	*104*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

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

Lab Sample ID: MB 460-1024981/7
Matrix: Water
Analysis Batch: 1024981

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/10/25 08:07	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/10/25 08:07	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/10/25 08:07	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/10/25 08:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*70 - 130*		*03/10/25 08:07*	*1*

Lab Sample ID: LCS 460-1024981/3
Matrix: Water
Analysis Batch: 1024981

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane			0.0500	0.0526		ug/L		105	40 - 160
1,2-Dibromo-3-Chloropropane			0.0500	0.0579		ug/L		116	40 - 160
Ethylene Dibromide			0.0500	0.0426		ug/L		85	70 - 130
Vinyl chloride			0.250	0.193		ug/L		77	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*104*		*70 - 130*

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

Lab Sample ID: LCSD 460-1024981/4
Matrix: Water
Analysis Batch: 1024981

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,3-Trichloropropane			0.0500	0.0560		ug/L		112	40 - 160	6	20
1,2-Dibromo-3-Chloropropane			0.0500	0.0563		ug/L		113	40 - 160	3	20
Ethylene Dibromide			0.0500	0.0537	*1	ug/L		107	70 - 130	23	20
Vinyl chloride			0.250	0.219		ug/L		88	70 - 130	12	20

Surrogate			*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene			*110*		*70 - 130*

Lab Sample ID: MB 460-1025129/7
Matrix: Water
Analysis Batch: 1025129

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/11/25 07:58	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/11/25 07:58	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/11/25 07:58	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/11/25 07:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*106*		*70 - 130*		*03/11/25 07:58*	*1*

Lab Sample ID: LCS 460-1025129/3
Matrix: Water
Analysis Batch: 1025129

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,3-Trichloropropane			0.0500	0.0469		ug/L		94	40 - 160		
1,2-Dibromo-3-Chloropropane			0.0500	0.0635		ug/L		127	40 - 160		
Ethylene Dibromide			0.0500	0.0408		ug/L		82	70 - 130		
Vinyl chloride			0.250	0.195		ug/L		78	70 - 130		

Surrogate			*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene			*105*		*70 - 130*

Lab Sample ID: LCSD 460-1025129/4
Matrix: Water
Analysis Batch: 1025129

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,3-Trichloropropane			0.0500	0.0577	*1	ug/L		115	40 - 160	21	20
1,2-Dibromo-3-Chloropropane			0.0500	0.0555		ug/L		111	40 - 160	13	20
Ethylene Dibromide			0.0500	0.0440		ug/L		88	70 - 130	8	20
Vinyl chloride			0.250	0.177		ug/L		71	70 - 130	10	20

Surrogate			*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene			*105*		*70 - 130*

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

Lab Sample ID: MB 460-1025428/7
Matrix: Water
Analysis Batch: 1025428

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/12/25 10:31	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/12/25 10:31	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/12/25 10:31	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/12/25 10:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*03/12/25 10:31*	*1*

Lab Sample ID: LCS 460-1025428/2
Matrix: Water
Analysis Batch: 1025428

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,2,3-Trichloropropane			0.0500	0.0688		ug/L		138	40 - 160		
1,2-Dibromo-3-Chloropropane			0.0500	0.0636		ug/L		127	40 - 160		
Ethylene Dibromide			0.0500	0.0565		ug/L		113	70 - 130		
Vinyl chloride			0.250	0.315		ug/L		126	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*105*		*70 - 130*

Lab Sample ID: LCSD 460-1025428/3
Matrix: Water
Analysis Batch: 1025428

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,3-Trichloropropane			0.0500	0.0470	*1	ug/L		94	40 - 160	38	20
1,2-Dibromo-3-Chloropropane			0.0500	0.0594		ug/L		119	40 - 160	7	20
Ethylene Dibromide			0.0500	0.0634		ug/L		127	70 - 130	12	20
Vinyl chloride			0.250	0.279		ug/L		111	70 - 130	12	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*86*		*70 - 130*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 460-1024155/1-A
Matrix: Water
Analysis Batch: 1024287

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1024155

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 08:40	03/05/25 21:33	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*33*		*10 - 150*	*03/05/25 08:40*	*03/05/25 21:33*	*1*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Lab Sample ID: LCS 460-1024155/2-A
Matrix: Water
Analysis Batch: 1024287

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1024155

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			1.60	1.76		ug/L		110	42 - 142		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*43*		*10 - 150*

Lab Sample ID: LCSD 460-1024155/3-A
Matrix: Water
Analysis Batch: 1024287

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1024155

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			1.60	1.46		ug/L		92	42 - 142	19	20

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*33*		*10 - 150*

Lab Sample ID: MB 460-1024277/1-A
Matrix: Water
Analysis Batch: 1024399

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1024277

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/05/25 19:13	03/06/25 09:39	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*37*		*10 - 150*	*03/05/25 19:13*	*03/06/25 09:39*	*1*

Lab Sample ID: LCS 460-1024277/2-A
Matrix: Water
Analysis Batch: 1024399

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1024277

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			1.60	1.21		ug/L		75	42 - 142		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*39*		*10 - 150*

Lab Sample ID: LCSD 460-1024277/3-A
Matrix: Water
Analysis Batch: 1024399

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1024277

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			1.60	1.23		ug/L		77	42 - 142	2	20

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*36*		*10 - 150*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 460-1025233/2-A
Matrix: Water
Analysis Batch: 1025274

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1025233

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	50.0	55.08		ug/L		110	80 - 120
Lead	25.0	26.57		ug/L		106	80 - 120

Lab Sample ID: LCS 460-1025450/3-A
Matrix: Water
Analysis Batch: 1025482

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1025450

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	50.0	50.21		ug/L		100	80 - 120
Lead	25.0	24.38		ug/L		98	80 - 120

Lab Sample ID: MB 460-1025474/1-A
Matrix: Water
Analysis Batch: 1025482

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 1025474

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/12/25 11:45	03/12/25 14:13	1
Lead	0.42	U	1.2	0.42	ug/L		03/12/25 11:45	03/12/25 14:13	1

Lab Sample ID: LCS 460-1025474/2-A
Matrix: Water
Analysis Batch: 1025482

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1025474

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	50.0	54.75		ug/L		109	80 - 120
Lead	25.0	25.68		ug/L		103	80 - 120

Lab Sample ID: 460-321264-1 MS
Matrix: Water
Analysis Batch: 1025482

Client Sample ID: OB-3-022725
Prep Type: Total Recoverable
Prep Batch: 1025474

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	1.2	U	50.0	49.14		ug/L		98	75 - 125
Lead	0.42	U	25.0	23.23		ug/L		93	75 - 125

Lab Sample ID: 460-321264-1 DU
Matrix: Water
Analysis Batch: 1025482

Client Sample ID: OB-3-022725
Prep Type: Total Recoverable
Prep Batch: 1025474

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	1.2	U	1.2	U	ug/L		NC	20
Lead	0.42	U	0.42	U	ug/L		NC	20

Lab Sample ID: MB 460-1025716/1-A
Matrix: Water
Analysis Batch: 1025819

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 1025716

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/13/25 10:04	03/13/25 19:04	1
Lead	0.42	U	1.2	0.42	ug/L		03/13/25 10:04	03/13/25 19:04	1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 460-1025716/2-A
Matrix: Water
Analysis Batch: 1025819

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1025716

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			50.0	52.52		ug/L		105	80 - 120		
Lead			25.0	25.03		ug/L		100	80 - 120		

Lab Sample ID: 460-321264-6 MS
Matrix: Water
Analysis Batch: 1025819

Client Sample ID: OB-32-022725
Prep Type: Total Recoverable
Prep Batch: 1025716

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	20.4		50.0	75.71		ug/L		111	75 - 125		
Lead	0.42	U	25.0	26.30		ug/L		105	75 - 125		

Lab Sample ID: 460-321264-6 DU
Matrix: Water
Analysis Batch: 1025819

Client Sample ID: OB-32-022725
Prep Type: Total Recoverable
Prep Batch: 1025716

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Arsenic	20.4			21.18		ug/L				4	20
Lead	0.42	U		0.42	U	ug/L				NC	20

Lab Sample ID: MB 460-1025228/1-B
Matrix: Water
Analysis Batch: 1025274

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 1025233

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/11/25 10:41	03/11/25 13:48	1
Lead	0.42	U	1.2	0.42	ug/L		03/11/25 10:41	03/11/25 13:48	1

Lab Sample ID: 460-321264-1 MS
Matrix: Water
Analysis Batch: 1025274

Client Sample ID: OB-3-022725
Prep Type: Dissolved
Prep Batch: 1025233

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	1.2	U	50.0	51.48		ug/L		103	75 - 125		
Lead	0.42	U	25.0	25.33		ug/L		101	75 - 125		

Lab Sample ID: 460-321264-1 DU
Matrix: Water
Analysis Batch: 1025274

Client Sample ID: OB-3-022725
Prep Type: Dissolved
Prep Batch: 1025233

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Arsenic	1.2	U		1.2	U	ug/L				NC	20
Lead	0.42	U		0.42	U	ug/L				NC	20

Lab Sample ID: 460-321845-F-13-D MS
Matrix: Water
Analysis Batch: 1025482

Client Sample ID: Matrix Spike
Prep Type: Dissolved
Prep Batch: 1025450

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	1.2	U	50.0	51.60		ug/L		103	75 - 125		
Lead	0.42	U	25.0	24.90		ug/L		100	75 - 125		

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: 460-321845-F-13-C DU
Matrix: Water
Analysis Batch: 1025482

Client Sample ID: Duplicate
Prep Type: Dissolved
Prep Batch: 1025450

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Arsenic	1.2	U		1.2	U	ug/L				NC	20
Lead	0.42	U		0.42	U	ug/L				NC	20

GC/MS VOA

Analysis Batch: 1024560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-1	OB-3-022725	Total/NA	Water	8260D	
460-321264-2	OB-10-022725	Total/NA	Water	8260D	
460-321264-3	OB-29-022725	Total/NA	Water	8260D	
460-321264-4	FB-03-022725	Total/NA	Water	8260D	
460-321264-6	OB-32-022725	Total/NA	Water	8260D	
460-321264-10	Trip Blank-03-022725	Total/NA	Water	8260D	
460-321264-12	RW-2S-(279-289)-022725	Total/NA	Water	8260D	
460-321264-13	RW-12S-(55-65)-022725	Total/NA	Water	8260D	
MB 460-1024560/9	Method Blank	Total/NA	Water	8260D	
LCS 460-1024560/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1024560/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 1024626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-14	RW-12D-(130-140)-022725	Total/NA	Water	8260D	
460-321264-15	RW-10S-(120-130)-022725	Total/NA	Water	8260D	
460-321264-16	RW-10D-(185-195)-022725	Total/NA	Water	8260D	
460-321264-17	RW-9S-(139-149)-022725	Total/NA	Water	8260D	
460-321264-18	RW-9D-(206-216)-022725	Total/NA	Water	8260D	
460-321264-19	RW-8D-(204-214)-022825	Total/NA	Water	8260D	
460-321264-20	RW-8S-(163-173)-022825	Total/NA	Water	8260D	
460-321264-21	RW-15D-(127-137)-022825	Total/NA	Water	8260D	
460-321264-22	RW-15S-(110-120)-022825	Total/NA	Water	8260D	
MB 460-1024626/9	Method Blank	Total/NA	Water	8260D	
LCS 460-1024626/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1024626/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 1024981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-1	OB-3-022725	Total/NA	Water	8260D SIM	
460-321264-2	OB-10-022725	Total/NA	Water	8260D SIM	
460-321264-3	OB-29-022725	Total/NA	Water	8260D SIM	
460-321264-4	FB-03-022725	Total/NA	Water	8260D SIM	
460-321264-5	OB-11R-022725	Total/NA	Water	8260D SIM	
460-321264-6	OB-32-022725	Total/NA	Water	8260D SIM	
MB 460-1024981/7	Method Blank	Total/NA	Water	8260D SIM	
LCS 460-1024981/3	Lab Control Sample	Total/NA	Water	8260D SIM	
LCSD 460-1024981/4	Lab Control Sample Dup	Total/NA	Water	8260D SIM	

Analysis Batch: 1025129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-10	Trip Blank-03-022725	Total/NA	Water	8260D SIM	
460-321264-11	RW-2D-(452-462)-022725	Total/NA	Water	8260D SIM	
460-321264-12	RW-2S-(279-289)-022725	Total/NA	Water	8260D SIM	
460-321264-13	RW-12S-(55-65)-022725	Total/NA	Water	8260D SIM	
460-321264-14	RW-12D-(130-140)-022725	Total/NA	Water	8260D SIM	
460-321264-15	RW-10S-(120-130)-022725	Total/NA	Water	8260D SIM	
460-321264-16	RW-10D-(185-195)-022725	Total/NA	Water	8260D SIM	
460-321264-17	RW-9S-(139-149)-022725	Total/NA	Water	8260D SIM	
460-321264-18	RW-9D-(206-216)-022725	Total/NA	Water	8260D SIM	
460-321264-19	RW-8D-(204-214)-022825	Total/NA	Water	8260D SIM	

GC/MS VOA (Continued)

Analysis Batch: 1025129 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-20	RW-8S-(163-173)-022825	Total/NA	Water	8260D SIM	
460-321264-21	RW-15D-(127-137)-022825	Total/NA	Water	8260D SIM	
460-321264-22	RW-15S-(110-120)-022825	Total/NA	Water	8260D SIM	
MB 460-1025129/7	Method Blank	Total/NA	Water	8260D SIM	
LCS 460-1025129/3	Lab Control Sample	Total/NA	Water	8260D SIM	
LCSD 460-1025129/4	Lab Control Sample Dup	Total/NA	Water	8260D SIM	

Analysis Batch: 1025428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-7	RW-6A-022725	Total/NA	Water	8260D SIM	
460-321264-8	RW-6-022725	Total/NA	Water	8260D SIM	
460-321264-9	OB-20B-022725	Total/NA	Water	8260D SIM	
MB 460-1025428/7	Method Blank	Total/NA	Water	8260D SIM	
LCS 460-1025428/2	Lab Control Sample	Total/NA	Water	8260D SIM	
LCSD 460-1025428/3	Lab Control Sample Dup	Total/NA	Water	8260D SIM	

Analysis Batch: 1025578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-7	RW-6A-022725	Total/NA	Water	8260D	
460-321264-8	RW-6-022725	Total/NA	Water	8260D	
460-321264-9	OB-20B-022725	Total/NA	Water	8260D	
460-321264-11	RW-2D-(452-462)-022725	Total/NA	Water	8260D	
MB 460-1025578/8	Method Blank	Total/NA	Water	8260D	
LCS 460-1025578/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1025578/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 1025653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-5	OB-11R-022725	Total/NA	Water	8260D	
MB 460-1025653/9	Method Blank	Total/NA	Water	8260D	
LCS 460-1025653/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1025653/5	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 1024155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-1	OB-3-022725	Total/NA	Water	3510C	
460-321264-2	OB-10-022725	Total/NA	Water	3510C	
460-321264-3	OB-29-022725	Total/NA	Water	3510C	
460-321264-4	FB-03-022725	Total/NA	Water	3510C	
460-321264-5	OB-11R-022725	Total/NA	Water	3510C	
460-321264-6	OB-32-022725	Total/NA	Water	3510C	
460-321264-7	RW-6A-022725	Total/NA	Water	3510C	
460-321264-8	RW-6-022725	Total/NA	Water	3510C	
460-321264-9	OB-20B-022725	Total/NA	Water	3510C	
460-321264-11	RW-2D-(452-462)-022725	Total/NA	Water	3510C	
460-321264-12	RW-2S-(279-289)-022725	Total/NA	Water	3510C	
460-321264-13	RW-12S-(55-65)-022725	Total/NA	Water	3510C	
MB 460-1024155/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1024155/2-A	Lab Control Sample	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Prep Batch: 1024155 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 460-1024155/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 1024277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-14	RW-12D-(130-140)-022725	Total/NA	Water	3510C	
460-321264-15	RW-10S-(120-130)-022725	Total/NA	Water	3510C	
460-321264-16	RW-10D-(185-195)-022725	Total/NA	Water	3510C	
460-321264-17	RW-9S-(139-149)-022725	Total/NA	Water	3510C	
460-321264-18	RW-9D-(206-216)-022725	Total/NA	Water	3510C	
460-321264-19	RW-8D-(204-214)-022825	Total/NA	Water	3510C	
460-321264-20	RW-8S-(163-173)-022825	Total/NA	Water	3510C	
460-321264-21	RW-15D-(127-137)-022825	Total/NA	Water	3510C	
460-321264-22	RW-15S-(110-120)-022825	Total/NA	Water	3510C	
MB 460-1024277/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1024277/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1024277/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 1024287

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-1	OB-3-022725	Total/NA	Water	8270E SIM ID	1024155
460-321264-2	OB-10-022725	Total/NA	Water	8270E SIM ID	1024155
460-321264-3	OB-29-022725	Total/NA	Water	8270E SIM ID	1024155
460-321264-4	FB-03-022725	Total/NA	Water	8270E SIM ID	1024155
460-321264-5	OB-11R-022725	Total/NA	Water	8270E SIM ID	1024155
460-321264-6	OB-32-022725	Total/NA	Water	8270E SIM ID	1024155
460-321264-7	RW-6A-022725	Total/NA	Water	8270E SIM ID	1024155
460-321264-8	RW-6-022725	Total/NA	Water	8270E SIM ID	1024155
460-321264-9	OB-20B-022725	Total/NA	Water	8270E SIM ID	1024155
460-321264-11	RW-2D-(452-462)-022725	Total/NA	Water	8270E SIM ID	1024155
460-321264-12	RW-2S-(279-289)-022725	Total/NA	Water	8270E SIM ID	1024155
460-321264-13	RW-12S-(55-65)-022725	Total/NA	Water	8270E SIM ID	1024155
MB 460-1024155/1-A	Method Blank	Total/NA	Water	8270E SIM ID	1024155
LCS 460-1024155/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	1024155
LCSD 460-1024155/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	1024155

Analysis Batch: 1024399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-14	RW-12D-(130-140)-022725	Total/NA	Water	8270E SIM ID	1024277
460-321264-15	RW-10S-(120-130)-022725	Total/NA	Water	8270E SIM ID	1024277
460-321264-16	RW-10D-(185-195)-022725	Total/NA	Water	8270E SIM ID	1024277
460-321264-17	RW-9S-(139-149)-022725	Total/NA	Water	8270E SIM ID	1024277
460-321264-18	RW-9D-(206-216)-022725	Total/NA	Water	8270E SIM ID	1024277
460-321264-19	RW-8D-(204-214)-022825	Total/NA	Water	8270E SIM ID	1024277
460-321264-20	RW-8S-(163-173)-022825	Total/NA	Water	8270E SIM ID	1024277
460-321264-21	RW-15D-(127-137)-022825	Total/NA	Water	8270E SIM ID	1024277
460-321264-22	RW-15S-(110-120)-022825	Total/NA	Water	8270E SIM ID	1024277
MB 460-1024277/1-A	Method Blank	Total/NA	Water	8270E SIM ID	1024277
LCS 460-1024277/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	1024277
LCSD 460-1024277/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	1024277

Metals

Filtration Batch: 1025228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-1	OB-3-022725	Dissolved	Water	FILTRATION	
460-321264-2	OB-10-022725	Dissolved	Water	FILTRATION	
460-321264-3	OB-29-022725	Dissolved	Water	FILTRATION	
460-321264-4	FB-03-022725	Dissolved	Water	FILTRATION	
460-321264-5	OB-11R-022725	Dissolved	Water	FILTRATION	
460-321264-6	OB-32-022725	Dissolved	Water	FILTRATION	
460-321264-7	RW-6A-022725	Dissolved	Water	FILTRATION	
460-321264-8	RW-6-022725	Dissolved	Water	FILTRATION	
460-321264-9	OB-20B-022725	Dissolved	Water	FILTRATION	
460-321264-11	RW-2D-(452-462)-022725	Dissolved	Water	FILTRATION	
460-321264-12	RW-2S-(279-289)-022725	Dissolved	Water	FILTRATION	
460-321264-13	RW-12S-(55-65)-022725	Dissolved	Water	FILTRATION	
460-321264-14	RW-12D-(130-140)-022725	Dissolved	Water	FILTRATION	
460-321264-15	RW-10S-(120-130)-022725	Dissolved	Water	FILTRATION	
MB 460-1025228/1-B	Method Blank	Dissolved	Water	FILTRATION	
460-321264-1 MS	OB-3-022725	Dissolved	Water	FILTRATION	
460-321264-1 DU	OB-3-022725	Dissolved	Water	FILTRATION	

Prep Batch: 1025233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-1	OB-3-022725	Dissolved	Water	3005A	1025228
460-321264-2	OB-10-022725	Dissolved	Water	3005A	1025228
460-321264-3	OB-29-022725	Dissolved	Water	3005A	1025228
460-321264-4	FB-03-022725	Dissolved	Water	3005A	1025228
460-321264-5	OB-11R-022725	Dissolved	Water	3005A	1025228
460-321264-6	OB-32-022725	Dissolved	Water	3005A	1025228
460-321264-7	RW-6A-022725	Dissolved	Water	3005A	1025228
460-321264-8	RW-6-022725	Dissolved	Water	3005A	1025228
460-321264-9	OB-20B-022725	Dissolved	Water	3005A	1025228
460-321264-11	RW-2D-(452-462)-022725	Dissolved	Water	3005A	1025228
460-321264-12	RW-2S-(279-289)-022725	Dissolved	Water	3005A	1025228
460-321264-13	RW-12S-(55-65)-022725	Dissolved	Water	3005A	1025228
460-321264-14	RW-12D-(130-140)-022725	Dissolved	Water	3005A	1025228
460-321264-15	RW-10S-(120-130)-022725	Dissolved	Water	3005A	1025228
MB 460-1025228/1-B	Method Blank	Dissolved	Water	3005A	1025228
LCS 460-1025233/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
460-321264-1 MS	OB-3-022725	Dissolved	Water	3005A	1025228
460-321264-1 DU	OB-3-022725	Dissolved	Water	3005A	1025228

Analysis Batch: 1025274

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-1	OB-3-022725	Dissolved	Water	6020B	1025233
460-321264-2	OB-10-022725	Dissolved	Water	6020B	1025233
460-321264-3	OB-29-022725	Dissolved	Water	6020B	1025233
460-321264-4	FB-03-022725	Dissolved	Water	6020B	1025233
460-321264-5	OB-11R-022725	Dissolved	Water	6020B	1025233
MB 460-1025228/1-B	Method Blank	Dissolved	Water	6020B	1025233
LCS 460-1025233/2-A	Lab Control Sample	Total Recoverable	Water	6020B	1025233
460-321264-1 MS	OB-3-022725	Dissolved	Water	6020B	1025233
460-321264-1 DU	OB-3-022725	Dissolved	Water	6020B	1025233

Metals

Analysis Batch: 1025317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-7	RW-6A-022725	Dissolved	Water	6020B	1025233
460-321264-8	RW-6-022725	Dissolved	Water	6020B	1025233
460-321264-9	OB-20B-022725	Dissolved	Water	6020B	1025233
460-321264-11	RW-2D-(452-462)-022725	Dissolved	Water	6020B	1025233
460-321264-12	RW-2S-(279-289)-022725	Dissolved	Water	6020B	1025233
460-321264-13	RW-12S-(55-65)-022725	Dissolved	Water	6020B	1025233
460-321264-14	RW-12D-(130-140)-022725	Dissolved	Water	6020B	1025233
460-321264-15	RW-10S-(120-130)-022725	Dissolved	Water	6020B	1025233

Filtration Batch: 1025449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-16	RW-10D-(185-195)-022725	Dissolved	Water	FILTRATION	
460-321264-17	RW-9S-(139-149)-022725	Dissolved	Water	FILTRATION	
460-321264-18	RW-9D-(206-216)-022725	Dissolved	Water	FILTRATION	
460-321264-19	RW-8D-(204-214)-022825	Dissolved	Water	FILTRATION	
460-321264-20	RW-8S-(163-173)-022825	Dissolved	Water	FILTRATION	
460-321264-21	RW-15D-(127-137)-022825	Dissolved	Water	FILTRATION	
460-321264-22	RW-15S-(110-120)-022825	Dissolved	Water	FILTRATION	
460-321845-F-13-D MS	Matrix Spike	Dissolved	Water	FILTRATION	
460-321845-F-13-C DU	Duplicate	Dissolved	Water	FILTRATION	

Prep Batch: 1025450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-16	RW-10D-(185-195)-022725	Dissolved	Water	3005A	1025449
460-321264-17	RW-9S-(139-149)-022725	Dissolved	Water	3005A	1025449
460-321264-18	RW-9D-(206-216)-022725	Dissolved	Water	3005A	1025449
460-321264-19	RW-8D-(204-214)-022825	Dissolved	Water	3005A	1025449
460-321264-20	RW-8S-(163-173)-022825	Dissolved	Water	3005A	1025449
460-321264-21	RW-15D-(127-137)-022825	Dissolved	Water	3005A	1025449
460-321264-22	RW-15S-(110-120)-022825	Dissolved	Water	3005A	1025449
LCS 460-1025450/3-A	Lab Control Sample	Total Recoverable	Water	3005A	
460-321845-F-13-D MS	Matrix Spike	Dissolved	Water	3005A	1025449
460-321845-F-13-C DU	Duplicate	Dissolved	Water	3005A	1025449

Prep Batch: 1025474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-1	OB-3-022725	Total Recoverable	Water	3005A	
460-321264-2	OB-10-022725	Total Recoverable	Water	3005A	
460-321264-3	OB-29-022725	Total Recoverable	Water	3005A	
MB 460-1025474/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 460-1025474/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
460-321264-1 MS	OB-3-022725	Total Recoverable	Water	3005A	
460-321264-1 DU	OB-3-022725	Total Recoverable	Water	3005A	

Analysis Batch: 1025482

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-1	OB-3-022725	Total Recoverable	Water	6020B	1025474
460-321264-2	OB-10-022725	Total Recoverable	Water	6020B	1025474
460-321264-3	OB-29-022725	Total Recoverable	Water	6020B	1025474
460-321264-6	OB-32-022725	Dissolved	Water	6020B	1025233
460-321264-16	RW-10D-(185-195)-022725	Dissolved	Water	6020B	1025450

Metals (Continued)

Analysis Batch: 1025482 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-17	RW-9S-(139-149)-022725	Dissolved	Water	6020B	1025450
460-321264-18	RW-9D-(206-216)-022725	Dissolved	Water	6020B	1025450
460-321264-19	RW-8D-(204-214)-022825	Dissolved	Water	6020B	1025450
460-321264-20	RW-8S-(163-173)-022825	Dissolved	Water	6020B	1025450
460-321264-21	RW-15D-(127-137)-022825	Dissolved	Water	6020B	1025450
460-321264-22	RW-15S-(110-120)-022825	Dissolved	Water	6020B	1025450
MB 460-1025474/1-A	Method Blank	Total Recoverable	Water	6020B	1025474
LCS 460-1025450/3-A	Lab Control Sample	Total Recoverable	Water	6020B	1025450
LCS 460-1025474/2-A	Lab Control Sample	Total Recoverable	Water	6020B	1025474
460-321264-1 MS	OB-3-022725	Total Recoverable	Water	6020B	1025474
460-321845-F-13-D MS	Matrix Spike	Dissolved	Water	6020B	1025450
460-321264-1 DU	OB-3-022725	Total Recoverable	Water	6020B	1025474
460-321845-F-13-C DU	Duplicate	Dissolved	Water	6020B	1025450

Prep Batch: 1025716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-4	FB-03-022725	Total Recoverable	Water	3005A	
460-321264-5	OB-11R-022725	Total Recoverable	Water	3005A	
460-321264-6	OB-32-022725	Total Recoverable	Water	3005A	
460-321264-7	RW-6A-022725	Total Recoverable	Water	3005A	
460-321264-8	RW-6-022725	Total Recoverable	Water	3005A	
460-321264-9	OB-20B-022725	Total Recoverable	Water	3005A	
460-321264-11	RW-2D-(452-462)-022725	Total Recoverable	Water	3005A	
460-321264-12	RW-2S-(279-289)-022725	Total Recoverable	Water	3005A	
460-321264-13	RW-12S-(55-65)-022725	Total Recoverable	Water	3005A	
460-321264-14	RW-12D-(130-140)-022725	Total Recoverable	Water	3005A	
460-321264-15	RW-10S-(120-130)-022725	Total Recoverable	Water	3005A	
460-321264-16	RW-10D-(185-195)-022725	Total Recoverable	Water	3005A	
460-321264-17	RW-9S-(139-149)-022725	Total Recoverable	Water	3005A	
460-321264-18	RW-9D-(206-216)-022725	Total Recoverable	Water	3005A	
460-321264-19	RW-8D-(204-214)-022825	Total Recoverable	Water	3005A	
460-321264-20	RW-8S-(163-173)-022825	Total Recoverable	Water	3005A	
460-321264-21	RW-15D-(127-137)-022825	Total Recoverable	Water	3005A	
460-321264-22	RW-15S-(110-120)-022825	Total Recoverable	Water	3005A	
MB 460-1025716/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 460-1025716/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
460-321264-6 MS	OB-32-022725	Total Recoverable	Water	3005A	
460-321264-6 DU	OB-32-022725	Total Recoverable	Water	3005A	

Analysis Batch: 1025819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-4	FB-03-022725	Total Recoverable	Water	6020B	1025716
460-321264-5	OB-11R-022725	Total Recoverable	Water	6020B	1025716
460-321264-6	OB-32-022725	Total Recoverable	Water	6020B	1025716
460-321264-7	RW-6A-022725	Total Recoverable	Water	6020B	1025716
460-321264-8	RW-6-022725	Total Recoverable	Water	6020B	1025716
460-321264-9	OB-20B-022725	Total Recoverable	Water	6020B	1025716
460-321264-11	RW-2D-(452-462)-022725	Total Recoverable	Water	6020B	1025716
460-321264-12	RW-2S-(279-289)-022725	Total Recoverable	Water	6020B	1025716
460-321264-13	RW-12S-(55-65)-022725	Total Recoverable	Water	6020B	1025716
460-321264-14	RW-12D-(130-140)-022725	Total Recoverable	Water	6020B	1025716

Metals (Continued)

Analysis Batch: 1025819 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321264-15	RW-10S-(120-130)-022725	Total Recoverable	Water	6020B	1025716
460-321264-16	RW-10D-(185-195)-022725	Total Recoverable	Water	6020B	1025716
460-321264-17	RW-9S-(139-149)-022725	Total Recoverable	Water	6020B	1025716
460-321264-18	RW-9D-(206-216)-022725	Total Recoverable	Water	6020B	1025716
460-321264-19	RW-8D-(204-214)-022825	Total Recoverable	Water	6020B	1025716
460-321264-20	RW-8S-(163-173)-022825	Total Recoverable	Water	6020B	1025716
460-321264-21	RW-15D-(127-137)-022825	Total Recoverable	Water	6020B	1025716
460-321264-22	RW-15S-(110-120)-022825	Total Recoverable	Water	6020B	1025716
MB 460-1025716/1-A	Method Blank	Total Recoverable	Water	6020B	1025716
LCS 460-1025716/2-A	Lab Control Sample	Total Recoverable	Water	6020B	1025716
460-321264-6 MS	OB-32-022725	Total Recoverable	Water	6020B	1025716
460-321264-6 DU	OB-32-022725	Total Recoverable	Water	6020B	1025716

Lab Chronicle

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: OB-3-022725

Lab Sample ID: 460-321264-1

Date Collected: 02/27/25 09:50

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024560	K1K	EET EDI	03/07/25 01:14
Total/NA	Analysis	8260D SIM		1	1024981	SZD	EET EDI	03/10/25 12:27
Total/NA	Prep	3510C			1024155	BXP	EET EDI	03/05/25 08:40
Total/NA	Analysis	8270E SIM ID		1	1024287	MME	EET EDI	03/05/25 23:59
Dissolved	Filtration	FILTRATION			1025228	CDC	EET EDI	03/11/25 10:25
Dissolved	Prep	3005A			1025233	CDC	EET EDI	03/11/25 10:41
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 13:59
Total Recoverable	Prep	3005A			1025474	NNW	EET EDI	03/12/25 11:45
Total Recoverable	Analysis	6020B		1	1025482	JKF	EET EDI	03/12/25 14:26

Client Sample ID: OB-10-022725

Lab Sample ID: 460-321264-2

Date Collected: 02/27/25 11:15

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024560	K1K	EET EDI	03/07/25 01:38
Total/NA	Analysis	8260D SIM		1	1024981	SZD	EET EDI	03/10/25 12:48
Total/NA	Prep	3510C			1024155	BXP	EET EDI	03/05/25 08:40
Total/NA	Analysis	8270E SIM ID		1	1024287	MME	EET EDI	03/06/25 00:14
Dissolved	Filtration	FILTRATION			1025228	CDC	EET EDI	03/11/25 10:25
Dissolved	Prep	3005A			1025233	CDC	EET EDI	03/11/25 10:41
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 14:04
Total Recoverable	Prep	3005A			1025474	NNW	EET EDI	03/12/25 11:45
Total Recoverable	Analysis	6020B		1	1025482	JKF	EET EDI	03/12/25 17:19

Client Sample ID: OB-29-022725

Lab Sample ID: 460-321264-3

Date Collected: 02/27/25 12:40

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024560	K1K	EET EDI	03/07/25 02:03
Total/NA	Analysis	8260D SIM		1	1024981	SZD	EET EDI	03/10/25 13:10
Total/NA	Prep	3510C			1024155	BXP	EET EDI	03/05/25 08:40
Total/NA	Analysis	8270E SIM ID		1	1024287	MME	EET EDI	03/06/25 00:30
Dissolved	Filtration	FILTRATION			1025228	CDC	EET EDI	03/11/25 10:25
Dissolved	Prep	3005A			1025233	CDC	EET EDI	03/11/25 10:41
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 14:06
Total Recoverable	Prep	3005A			1025474	NNW	EET EDI	03/12/25 11:45
Total Recoverable	Analysis	6020B		1	1025482	JKF	EET EDI	03/12/25 15:36

Lab Chronicle

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: FB-03-022725

Lab Sample ID: 460-321264-4

Date Collected: 02/27/25 13:00

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024560	K1K	EET EDI	03/07/25 00:25
Total/NA	Analysis	8260D SIM		1	1024981	SZD	EET EDI	03/10/25 13:32
Total/NA	Prep	3510C			1024155	BXP	EET EDI	03/05/25 08:40
Total/NA	Analysis	8270E SIM ID		1	1024287	MME	EET EDI	03/06/25 00:46
Dissolved	Filtration	FILTRATION			1025228	CDC	EET EDI	03/11/25 10:25
Dissolved	Prep	3005A			1025233	CDC	EET EDI	03/11/25 10:41
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 14:09
Total Recoverable	Prep	3005A			1025716	JKF	EET EDI	03/13/25 10:04
Total Recoverable	Analysis	6020B		1	1025819	JKF	EET EDI	03/13/25 19:38

Client Sample ID: OB-11R-022725

Lab Sample ID: 460-321264-5

Date Collected: 02/27/25 13:50

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1025653	MZS	EET EDI	03/13/25 12:35
Total/NA	Analysis	8260D SIM		1	1024981	SZD	EET EDI	03/10/25 13:53
Total/NA	Prep	3510C			1024155	BXP	EET EDI	03/05/25 08:40
Total/NA	Analysis	8270E SIM ID		1	1024287	MME	EET EDI	03/06/25 01:02
Dissolved	Filtration	FILTRATION			1025228	CDC	EET EDI	03/11/25 10:25
Dissolved	Prep	3005A			1025233	CDC	EET EDI	03/11/25 10:41
Dissolved	Analysis	6020B		1	1025274	CDC	EET EDI	03/11/25 14:12
Total Recoverable	Prep	3005A			1025716	JKF	EET EDI	03/13/25 10:04
Total Recoverable	Analysis	6020B		1	1025819	JKF	EET EDI	03/13/25 19:41

Client Sample ID: OB-32-022725

Lab Sample ID: 460-321264-6

Date Collected: 02/27/25 12:45

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024560	K1K	EET EDI	03/07/25 02:52
Total/NA	Analysis	8260D SIM		1	1024981	SZD	EET EDI	03/10/25 14:15
Total/NA	Prep	3510C			1024155	BXP	EET EDI	03/05/25 08:40
Total/NA	Analysis	8270E SIM ID		1	1024287	MME	EET EDI	03/06/25 01:18
Dissolved	Filtration	FILTRATION			1025228	CDC	EET EDI	03/11/25 10:25
Dissolved	Prep	3005A			1025233	CDC	EET EDI	03/11/25 10:41
Dissolved	Analysis	6020B		1	1025482	JKF	EET EDI	03/12/25 14:31
Total Recoverable	Prep	3005A			1025716	JKF	EET EDI	03/13/25 10:04
Total Recoverable	Analysis	6020B		1	1025819	JKF	EET EDI	03/13/25 19:17

Lab Chronicle

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: RW-6A-022725

Lab Sample ID: 460-321264-7

Date Collected: 02/27/25 11:35

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1025578	MZS	EET EDI	03/13/25 00:53
Total/NA	Analysis	8260D SIM		1	1025428	SZD	EET EDI	03/12/25 11:57
Total/NA	Prep	3510C			1024155	BXP	EET EDI	03/05/25 08:40
Total/NA	Analysis	8270E SIM ID		1	1024287	MME	EET EDI	03/06/25 01:33
Dissolved	Filtration	FILTRATION			1025228	CDC	EET EDI	03/11/25 10:25
Dissolved	Prep	3005A			1025233	CDC	EET EDI	03/11/25 10:41
Dissolved	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 16:48
Total Recoverable	Prep	3005A			1025716	JKF	EET EDI	03/13/25 10:04
Total Recoverable	Analysis	6020B		1	1025819	JKF	EET EDI	03/13/25 19:43

Client Sample ID: RW-6-022725

Lab Sample ID: 460-321264-8

Date Collected: 02/27/25 10:30

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1025578	MZS	EET EDI	03/13/25 01:16
Total/NA	Analysis	8260D SIM		1	1025428	SZD	EET EDI	03/12/25 11:36
Total/NA	Prep	3510C			1024155	BXP	EET EDI	03/05/25 08:40
Total/NA	Analysis	8270E SIM ID		1	1024287	MME	EET EDI	03/06/25 01:49
Dissolved	Filtration	FILTRATION			1025228	CDC	EET EDI	03/11/25 10:25
Dissolved	Prep	3005A			1025233	CDC	EET EDI	03/11/25 10:41
Dissolved	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 16:50
Total Recoverable	Prep	3005A			1025716	JKF	EET EDI	03/13/25 10:04
Total Recoverable	Analysis	6020B		1	1025819	JKF	EET EDI	03/13/25 19:46

Client Sample ID: OB-20B-022725

Lab Sample ID: 460-321264-9

Date Collected: 02/27/25 09:25

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1025578	MZS	EET EDI	03/13/25 01:38
Total/NA	Analysis	8260D SIM		1	1025428	SZD	EET EDI	03/12/25 11:14
Total/NA	Prep	3510C			1024155	BXP	EET EDI	03/05/25 08:40
Total/NA	Analysis	8270E SIM ID		1	1024287	MME	EET EDI	03/06/25 02:05
Dissolved	Filtration	FILTRATION			1025228	CDC	EET EDI	03/11/25 10:25
Dissolved	Prep	3005A			1025233	CDC	EET EDI	03/11/25 10:41
Dissolved	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 16:53
Total Recoverable	Prep	3005A			1025716	JKF	EET EDI	03/13/25 10:04
Total Recoverable	Analysis	6020B		1	1025819	JKF	EET EDI	03/13/25 19:49

Client Sample ID: Trip Blank-03-022725

Lab Sample ID: 460-321264-10

Date Collected: 02/27/25 00:00

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024560	K1K	EET EDI	03/07/25 00:50
Total/NA	Analysis	8260D SIM		1	1025129	SZD	EET EDI	03/11/25 08:20

Client Sample ID: RW-2D-(452-462)-022725

Lab Sample ID: 460-321264-11

Date Collected: 02/27/25 09:45

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1025578	MZS	EET EDI	03/13/25 00:31
Total/NA	Analysis	8260D SIM		1	1025129	SZD	EET EDI	03/11/25 08:42
Total/NA	Prep	3510C			1024155	BXP	EET EDI	03/05/25 08:40
Total/NA	Analysis	8270E SIM ID		1	1024287	MME	EET EDI	03/06/25 02:21
Dissolved	Filtration	FILTRATION			1025228	CDC	EET EDI	03/11/25 10:25
Dissolved	Prep	3005A			1025233	CDC	EET EDI	03/11/25 10:41
Dissolved	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 16:55
Total Recoverable	Prep	3005A			1025716	JKF	EET EDI	03/13/25 10:04
Total Recoverable	Analysis	6020B		1	1025819	JKF	EET EDI	03/13/25 19:51

Client Sample ID: RW-2S-(279-289)-022725

Lab Sample ID: 460-321264-12

Date Collected: 02/27/25 10:15

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024560	K1K	EET EDI	03/07/25 05:24
Total/NA	Analysis	8260D SIM		1	1025129	SZD	EET EDI	03/11/25 09:03
Total/NA	Prep	3510C			1024155	BXP	EET EDI	03/05/25 08:40
Total/NA	Analysis	8270E SIM ID		1	1024287	MME	EET EDI	03/06/25 02:37
Dissolved	Filtration	FILTRATION			1025228	CDC	EET EDI	03/11/25 10:25
Dissolved	Prep	3005A			1025233	CDC	EET EDI	03/11/25 10:41
Dissolved	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 16:58
Total Recoverable	Prep	3005A			1025716	JKF	EET EDI	03/13/25 10:04
Total Recoverable	Analysis	6020B		1	1025819	JKF	EET EDI	03/13/25 19:54

Client Sample ID: RW-12S-(55-65)-022725

Lab Sample ID: 460-321264-13

Date Collected: 02/27/25 11:10

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024560	K1K	EET EDI	03/07/25 05:48
Total/NA	Analysis	8260D SIM		1	1025129	SZD	EET EDI	03/11/25 09:25
Total/NA	Prep	3510C			1024155	BXP	EET EDI	03/05/25 08:40
Total/NA	Analysis	8270E SIM ID		1	1024287	MME	EET EDI	03/06/25 02:52
Dissolved	Filtration	FILTRATION			1025228	CDC	EET EDI	03/11/25 10:25
Dissolved	Prep	3005A			1025233	CDC	EET EDI	03/11/25 10:41
Dissolved	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 17:01

Client Sample ID: RW-12S-(55-65)-022725

Lab Sample ID: 460-321264-13

Date Collected: 02/27/25 11:10

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			1025716	JKF	EET EDI	03/13/25 10:04
Total Recoverable	Analysis	6020B		1	1025819	JKF	EET EDI	03/13/25 19:56

Client Sample ID: RW-12D-(130-140)-022725

Lab Sample ID: 460-321264-14

Date Collected: 02/27/25 11:45

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024626	CJM	EET EDI	03/07/25 14:57
Total/NA	Analysis	8260D SIM		1	1025129	SZD	EET EDI	03/11/25 09:47
Total/NA	Prep	3510C			1024277	JMS	EET EDI	03/05/25 19:13
Total/NA	Analysis	8270E SIM ID		1	1024399	DXD	EET EDI	03/06/25 09:54
Dissolved	Filtration	FILTRATION			1025228	CDC	EET EDI	03/11/25 10:25
Dissolved	Prep	3005A			1025233	CDC	EET EDI	03/11/25 10:41
Dissolved	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 17:03
Total Recoverable	Prep	3005A			1025716	JKF	EET EDI	03/13/25 10:04
Total Recoverable	Analysis	6020B		1	1025819	JKF	EET EDI	03/13/25 19:59

Client Sample ID: RW-10S-(120-130)-022725

Lab Sample ID: 460-321264-15

Date Collected: 02/27/25 12:40

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024626	CJM	EET EDI	03/07/25 15:21
Total/NA	Analysis	8260D SIM		1	1025129	SZD	EET EDI	03/11/25 10:08
Total/NA	Prep	3510C			1024277	JMS	EET EDI	03/05/25 19:13
Total/NA	Analysis	8270E SIM ID		1	1024399	DXD	EET EDI	03/06/25 10:10
Dissolved	Filtration	FILTRATION			1025228	CDC	EET EDI	03/11/25 10:25
Dissolved	Prep	3005A			1025233	CDC	EET EDI	03/11/25 10:41
Dissolved	Analysis	6020B		1	1025317	CDC	EET EDI	03/11/25 17:06
Total Recoverable	Prep	3005A			1025716	JKF	EET EDI	03/13/25 10:04
Total Recoverable	Analysis	6020B		1	1025819	JKF	EET EDI	03/13/25 20:01

Client Sample ID: RW-10D-(185-195)-022725

Lab Sample ID: 460-321264-16

Date Collected: 02/27/25 13:15

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024626	CJM	EET EDI	03/07/25 15:45
Total/NA	Analysis	8260D SIM		1	1025129	SZD	EET EDI	03/11/25 10:30
Total/NA	Prep	3510C			1024277	JMS	EET EDI	03/05/25 19:13
Total/NA	Analysis	8270E SIM ID		1	1024399	DXD	EET EDI	03/06/25 10:26
Dissolved	Filtration	FILTRATION			1025449	JKF	EET EDI	03/12/25 10:15
Dissolved	Prep	3005A			1025450	JKF	EET EDI	03/12/25 10:18
Dissolved	Analysis	6020B		1	1025482	JKF	EET EDI	03/12/25 13:20

Lab Chronicle

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: RW-10D-(185-195)-022725

Lab Sample ID: 460-321264-16

Date Collected: 02/27/25 13:15

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			1025716	JKF	EET EDI	03/13/25 10:04
Total Recoverable	Analysis	6020B		1	1025819	JKF	EET EDI	03/13/25 20:09

Client Sample ID: RW-9S-(139-149)-022725

Lab Sample ID: 460-321264-17

Date Collected: 02/27/25 14:45

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024626	CJM	EET EDI	03/07/25 16:10
Total/NA	Analysis	8260D SIM		1	1025129	SZD	EET EDI	03/11/25 10:52
Total/NA	Prep	3510C			1024277	JMS	EET EDI	03/05/25 19:13
Total/NA	Analysis	8270E SIM ID		1	1024399	DXD	EET EDI	03/06/25 10:42
Dissolved	Filtration	FILTRATION			1025449	JKF	EET EDI	03/12/25 10:15
Dissolved	Prep	3005A			1025450	JKF	EET EDI	03/12/25 10:18
Dissolved	Analysis	6020B		1	1025482	JKF	EET EDI	03/12/25 13:23
Total Recoverable	Prep	3005A			1025716	JKF	EET EDI	03/13/25 10:04
Total Recoverable	Analysis	6020B		1	1025819	JKF	EET EDI	03/13/25 20:12

Client Sample ID: RW-9D-(206-216)-022725

Lab Sample ID: 460-321264-18

Date Collected: 02/27/25 14:00

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024626	CJM	EET EDI	03/07/25 16:34
Total/NA	Analysis	8260D SIM		1	1025129	SZD	EET EDI	03/11/25 11:13
Total/NA	Prep	3510C			1024277	JMS	EET EDI	03/05/25 19:13
Total/NA	Analysis	8270E SIM ID		1	1024399	DXD	EET EDI	03/06/25 10:57
Dissolved	Filtration	FILTRATION			1025449	JKF	EET EDI	03/12/25 10:15
Dissolved	Prep	3005A			1025450	JKF	EET EDI	03/12/25 10:18
Dissolved	Analysis	6020B		1	1025482	JKF	EET EDI	03/12/25 13:26
Total Recoverable	Prep	3005A			1025716	JKF	EET EDI	03/13/25 10:04
Total Recoverable	Analysis	6020B		1	1025819	JKF	EET EDI	03/13/25 20:14

Client Sample ID: RW-8D-(204-214)-022825

Lab Sample ID: 460-321264-19

Date Collected: 02/28/25 08:40

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024626	CJM	EET EDI	03/07/25 16:58
Total/NA	Analysis	8260D SIM		1	1025129	SZD	EET EDI	03/11/25 11:35
Total/NA	Prep	3510C			1024277	JMS	EET EDI	03/05/25 19:13
Total/NA	Analysis	8270E SIM ID		1	1024399	DXD	EET EDI	03/06/25 11:13
Dissolved	Filtration	FILTRATION			1025449	JKF	EET EDI	03/12/25 10:15
Dissolved	Prep	3005A			1025450	JKF	EET EDI	03/12/25 10:18
Dissolved	Analysis	6020B		1	1025482	JKF	EET EDI	03/12/25 13:28

Client Sample ID: RW-8D-(204-214)-022825

Lab Sample ID: 460-321264-19

Date Collected: 02/28/25 08:40

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			1025716	JKF	EET EDI	03/13/25 10:04
Total Recoverable	Analysis	6020B		1	1025819	JKF	EET EDI	03/13/25 20:17

Client Sample ID: RW-8S-(163-173)-022825

Lab Sample ID: 460-321264-20

Date Collected: 02/28/25 09:20

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024626	CJM	EET EDI	03/07/25 17:23
Total/NA	Analysis	8260D SIM		1	1025129	SZD	EET EDI	03/11/25 11:56
Total/NA	Prep	3510C			1024277	JMS	EET EDI	03/05/25 19:13
Total/NA	Analysis	8270E SIM ID		1	1024399	DXD	EET EDI	03/06/25 11:29
Dissolved	Filtration	FILTRATION			1025449	JKF	EET EDI	03/12/25 10:15
Dissolved	Prep	3005A			1025450	JKF	EET EDI	03/12/25 10:18
Dissolved	Analysis	6020B		1	1025482	JKF	EET EDI	03/12/25 13:31
Total Recoverable	Prep	3005A			1025716	JKF	EET EDI	03/13/25 10:04
Total Recoverable	Analysis	6020B		1	1025819	JKF	EET EDI	03/13/25 20:20

Client Sample ID: RW-15D-(127-137)-022825

Lab Sample ID: 460-321264-21

Date Collected: 02/28/25 10:05

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024626	CJM	EET EDI	03/07/25 17:47
Total/NA	Analysis	8260D SIM		1	1025129	SZD	EET EDI	03/11/25 12:18
Total/NA	Prep	3510C			1024277	JMS	EET EDI	03/05/25 19:13
Total/NA	Analysis	8270E SIM ID		1	1024399	DXD	EET EDI	03/06/25 11:45
Dissolved	Filtration	FILTRATION			1025449	JKF	EET EDI	03/12/25 10:15
Dissolved	Prep	3005A			1025450	JKF	EET EDI	03/12/25 10:18
Dissolved	Analysis	6020B		1	1025482	JKF	EET EDI	03/12/25 13:33
Total Recoverable	Prep	3005A			1025716	JKF	EET EDI	03/13/25 10:04
Total Recoverable	Analysis	6020B		1	1025819	JKF	EET EDI	03/13/25 20:22

Client Sample ID: RW-15S-(110-120)-022825

Lab Sample ID: 460-321264-22

Date Collected: 02/28/25 10:40

Matrix: Water

Date Received: 02/28/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1024626	CJM	EET EDI	03/07/25 18:11
Total/NA	Analysis	8260D SIM		1	1025129	SZD	EET EDI	03/11/25 12:40
Total/NA	Prep	3510C			1024277	JMS	EET EDI	03/05/25 19:13
Total/NA	Analysis	8270E SIM ID		1	1024399	DXD	EET EDI	03/06/25 12:00
Dissolved	Filtration	FILTRATION			1025449	JKF	EET EDI	03/12/25 10:15
Dissolved	Prep	3005A			1025450	JKF	EET EDI	03/12/25 10:18
Dissolved	Analysis	6020B		1	1025482	JKF	EET EDI	03/12/25 13:41

Lab Chronicle

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Client Sample ID: RW-15S-(110-120)-022825

Date Collected: 02/28/25 10:40
Date Received: 02/28/25 18:45

Lab Sample ID: 460-321264-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			1025716	JKF	EET EDI	03/13/25 10:04
Total Recoverable	Analysis	6020B		1	1025819	JKF	EET EDI	03/13/25 20:25

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Cornerstone Environmental Group, LLC
Job ID: 460-321264-1
Project/Site: FORD Ringwood Mines E203361

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	12028	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D SIM		Water	1,2,3-Trichloropropane
8260D SIM		Water	1,2-Dibromo-3-Chloropropane
8260D SIM		Water	Ethylene Dibromide
8260D SIM		Water	Vinyl chloride

Method Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8260D SIM	Volatile Organic Compounds (GC/MS)	SW846	EET EDI
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET EDI
6020B	Metals (ICP/MS)	SW846	EET EDI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI
FILTRATION	Sample Filtration	None	EET EDI

Protocol References:

None = None

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

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321264-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-321264-1	OB-3-022725	Water	02/27/25 09:50	02/28/25 18:45
460-321264-2	OB-10-022725	Water	02/27/25 11:15	02/28/25 18:45
460-321264-3	OB-29-022725	Water	02/27/25 12:40	02/28/25 18:45
460-321264-4	FB-03-022725	Water	02/27/25 13:00	02/28/25 18:45
460-321264-5	OB-11R-022725	Water	02/27/25 13:50	02/28/25 18:45
460-321264-6	OB-32-022725	Water	02/27/25 12:45	02/28/25 18:45
460-321264-7	RW-6A-022725	Water	02/27/25 11:35	02/28/25 18:45
460-321264-8	RW-6-022725	Water	02/27/25 10:30	02/28/25 18:45
460-321264-9	OB-20B-022725	Water	02/27/25 09:25	02/28/25 18:45
460-321264-10	Trip Blank-03-022725	Water	02/27/25 00:00	02/28/25 18:45
460-321264-11	RW-2D-(452-462)-022725	Water	02/27/25 09:45	02/28/25 18:45
460-321264-12	RW-2S-(279-289)-022725	Water	02/27/25 10:15	02/28/25 18:45
460-321264-13	RW-12S-(55-65)-022725	Water	02/27/25 11:10	02/28/25 18:45
460-321264-14	RW-12D-(130-140)-022725	Water	02/27/25 11:45	02/28/25 18:45
460-321264-15	RW-10S-(120-130)-022725	Water	02/27/25 12:40	02/28/25 18:45
460-321264-16	RW-10D-(185-195)-022725	Water	02/27/25 13:15	02/28/25 18:45
460-321264-17	RW-9S-(139-149)-022725	Water	02/27/25 14:45	02/28/25 18:45
460-321264-18	RW-9D-(206-216)-022725	Water	02/27/25 14:00	02/28/25 18:45
460-321264-19	RW-8D-(204-214)-022825	Water	02/28/25 08:40	02/28/25 18:45
460-321264-20	RW-8S-(163-173)-022825	Water	02/28/25 09:20	02/28/25 18:45
460-321264-21	RW-15D-(127-137)-022825	Water	02/28/25 10:05	02/28/25 18:45
460-321264-22	RW-15S-(110-120)-022825	Water	02/28/25 10:40	02/28/25 18:45

Chain of Custody Record

635664

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Address: _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: T.m Reeper	Site Contact:	Date:	COC No:
Company Name: Tetra Tech / Cornerstone	Tel/Email: Tim.Reeper@tetratech.com	Lab Contact:	Carrier:	1 of 2 COCs
Address: 100 Crystal Run Rd Ste 101	Analysis Turnaround Time			Sampler:
City/State/Zip: Middletown, NY 10941	☒ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 845-695-0200	TAT if different from Below _____			Walk-in Client:
Fax:	☒ 2 weeks			Lab Sampling
Project Name: Ford Ringwood Mines	☐ 1 week			
Site: Ringwood, NJ	☐ 2 days			Job / SDG No
PO# 289-4213111-003	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8260D TCL VOL + SIM	6020B - As, Pb	6020B - Diss As, Pb	8270E 1,4-Dioxane SIM
OB-3-022725	2/27/25	0950	G	GW	8	N	N	X	X	X	X
OB-10-022725	2/27/25	1115	G	GW	8	N	N	X	X	X	X
OB-29-022725	2/27/25	1240	G	GW	8	N	N	X	X	X	X
FB-03-022725	2/27/25	1300	G	BW	8	N	N	X	X	X	X
OB-11R-022725	2/27/25	1350	G	GW	8	N	N	X	X	X	X
OB-32-022725	2/27/25	1245	G	GW	8	N	N	X	X	X	X
RW-6A-022725	2/27/25	1135	G	GW	8	N	N	X	X	X	X
RW-6-022725	2/27/25	1030	G	GW	8	N	N	X	X	X	X
OB-20B-022725	2/27/25	0925	G	GW	8	N	N	X	X	X	X
Trip Blank-03-022725	2/27/25	—	G	BW	2	N	N	X			
RW-20-(452-462)-022725	2/27/25	0945	G	GW	8	N	N	X	X	X	X
RW-25-(279-289)-022725	2/27/25	1015	G	GW	8	N	N	X	X	X	X

460-321264 Chain of Custody

321264

Sample Specific Notes:

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

ELMSFORD 272

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments. 6020B - Diss As, Pb Lab Filtered
8270E - 1,4-Dioxane Isotope Dilution - SIM

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No	Cooler Temp. (°C): Obs'd. _____ Corr'd. _____ Therm ID No. _____		
Relinquished by: David Wheeler	Company: TT	Date/Time: 02/28/25 1125	Received by: ETA	Company: ETA 2-28-25	Date/Time: 1250
Relinquished by: ETA	Company: 2-28-25	Date/Time: 1700	Received by:	Company: FEDEX 2-28-25	Date/Time: 16:30
Relinquished by:	Company: FEDEX 2-28-25	Date/Time: 18:45	Received in Laboratory by:	Company: FEDEX	Date/Time: 2/28/25 1845

10/08 DL#9 1.3/1.7-1.4/1.8-1.5/1.9

3/14/2025

Chain of Custody Record

635667

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Address. _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Tim Rosper	Site Contact:	Date:	COC No.
Company Name: TetraTech/Cornerstone	Tel/Email: Tim.Rosper@tetratech.com	Lab Contact:	Carrier:	2 of 2 COCs
Address: 100 Crystal Run Rd Ste 101	Analysis Turnaround Time			Sampler:
City/State/Zip: Middletown NY 10941	☒ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 845-695-0200	TAT if different from Below _____			Walk-in Client:
Fax:	☒ 2 weeks			Lab Sampling:
Project Name: Ford Ringwood Mines	☐ 1 week			
Site: Ringwood NJ	☐ 2 days			Job / SDG No.
PO# 209-421311-003	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8260D TCL VOC+SIM	6020B As,Pb	6020B Diss. As,Pb	8270E 1,4 Dioxane Isotope Dilution SIM	Sample Specific Notes.
RW-12S-(55-65)-022725	2/27/25	1110	G	GW	8	N	N	X	X	X	X	-13
RW-12D-(130-140)-022725	2/27/25	1145	G	GW	8	N	N	X	X	X	X	-14
RW-10S-(120-130)-022725	2/27/25	1240	G	GW	8	N	N	X	X	X	X	-15
RW-10D-(185-195)-022725	2/27/25	1315	G	GW	8	N	N	X	X	X	X	-16
RW-9S-(139-148)-022725	2/27/25	1445	G	GW	8	N	N	X	X	X	X	-17
RW-9D-(206-216)-022725	2/27/25	1400	G	GW	8	N	N	X	X	X	X	-18
RW-8D-(204-214)-022825	2/28/25	0840	G	GW	8	N	N	X	X	X	X	-19
RW-8S-(163-173)-022825	2/28/25	0920	G	GW	8	N	N	X	X	X	X	-20
RW-15D-(127-137)-022825	2/28/25	1005	G	GW	8	N	N	X	X	X	X	-21
RW-15S-(110-120)-022825	2/28/25	1040	G	GW	8	N	N	X	X	X	X	-22

321264

ELMSFORD 272

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification.
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments. 6020B - Diss As, Pb - Lab Filtered
8270E - 1,4 Dioxane Isotope Dilution - SIM

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No. | Cooler Temp. (°C): Obs'd._____ Corr'd._____ Therm ID No._____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Daniel Wheeler	TE	02/28/25 1125	[signature]	ETA	02-28-25 1250
[signature]	ETA	2-28-25 1700	[signature]	KET	2-28-25 16:30
[signature]	KET	2-28-25 18:45	[signature]	EGT6	2/28/25 1845

Received in Laboratory by

3/11/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 321264

Number of Coolers: 3

IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.3 °C	1.7 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	1.4 °C	1.8 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	1.5 °C	1.9 °C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
1 14				<2 <2											
2 15				<2 <2											
3 16				<2 <2											
4 17				<2 <2											
5 18				<2 <2											
6 19				<2 <2											
7 20				<2 <2											
8 21				<2 <2											
9 22				<2 <2											
10															
11				<2											
12				<2											
13				<2											

If pH adjustments are required record the information below*

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

**Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: _____ Date: 2-28-25

Login Sample Receipt Checklist

Client: Cornerstone Environmental Group, LLC

Job Number: 460-321264-1

Login Number: 321264
List Number: 1
Creator: Casallas, Angela C

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Robert Schellberg
Cornerstone Environmental Group, LLC
100 Crystal Run Road
Suite 101
Middletown, New York 10941

Generated 3/22/2025 5:01:57 PM

JOB DESCRIPTION

FORD Ringwood Mines E203361

JOB NUMBER

460-321595-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization

Maria Luisa M. Cruz

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3/22/2025 5:01:57 PM

Authorized for release by
Maria Luisa Cruz, Project Manager II
Maria.Cruz@et.eurofinsus.com
(732)549-3900

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Definitions/Glossary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321595-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

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

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name: Eurofins Edison

Client: Cornerstone Environmental Group, LLC

Project Location: FORD Ringwood Mines E203361

Project Number: 460-321595-1

Laboratory Sample ID(s): 460-321595-1, 460-321595-2, 460-321595-3, 460-321595-4, 460-321595-5, 460-321595-6, 460-321595-7, 460-321595-8, 460-321595-9, 460-321595-10

Sampling Date(s): 03/03/2025

List DKQP Methods Used: 8260D, 8260D SIM, 6020B

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☑Yes ☐No
1A	Were the method specified handling, preservation, and holding time requirements met?	☐Yes ☐No ☑ See case narrative
1B	*EPH Method:* Was the EPH method conducted without significant modifications? (see Section 11.3 of respective DKQ methods)	☐Yes ☐No ☑N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody documents(s)?	☐Yes ☐No ☑ See case narrative
3	Were samples received at an appropriate temperature (4±2° C)?	☑Yes ☐No ☐N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐Yes ☑No
5	a) Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt?	☐Yes ☐No ☑ See case narrative
	b) Were these reporting limits met?	☐Yes ☐No ☐N/A ☑ See case narrative
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☑Yes ☐No
7	Are project-specific matrix spike and/or laboratory duplicates included in this data set?	☑Yes ☐No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet requirements for "Data of Known Quality."

Job ID: 460-321595-1 Eurofins Edison

Job Narrative
460-321595-1

Receipt
The samples were received on 3/4/2025 2:10 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.2º C and 1.8º C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1025812 was outside the method criteria for the following analytes: 1,2,3-Trichlorobenzene and Dichlorodifluoromethane (biased low). 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.

GC/MS Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
Method FILTRATION: The following samples were not filtered and preserved within 15 minutes of sample collection in accordance with 40 CFR Part 136 Table II, Footnote 7, method 6020B. The samples were filtered prior to analysis at the laboratory.

RW-19S-(113-123)-030325 (460-321595-2), DUP-03-030325 (460-321595-3), RW-19DS-(131-137)-030325 (460-321595-4), RW-19DD-(144-154)-030325 (460-321595-5), RW-17S-(96-111)-030325 (460-321595-6), RW-17DS-(120-130)-030325 (460-321595-7), RW-17DS-(120-130)-030325 (460-321595-7[MS]), RW-17DS-(120-130)-030325 (460-321595-7[MSD]), RW-18S-(92-102)-030325 (460-321595-8), RW-18DS-(112-122)-030325 (460-321595-9) and RW-18DD-(157-167)-030325 (460-321595-10)

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

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

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

Detection Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321595-1

Client Sample ID: Trip Blank-04-030325 — Lab Sample ID: 460-321595-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloromethane	0.44	J	1.0	0.40	ug/L	1		8260D	Total/NA

Client Sample ID: RW-19S-(113-123)-030325 — Lab Sample ID: 460-321595-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.014	J	0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Chloromethane	0.48	J	1.0	0.40	ug/L	1		8260D	Total/NA
Cyclohexane	0.36	J	1.0	0.32	ug/L	1		8260D	Total/NA
Lead	1.2		1.2	0.42	ug/L	1		6020B	Total Recoverable

Client Sample ID: DUP-03-030325 — Lab Sample ID: 460-321595-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.66	J	1.2	0.42	ug/L	1		6020B	Total Recoverable

Client Sample ID: RW-19DS-(131-137)-030325 — Lab Sample ID: 460-321595-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	1.4		1.2	0.42	ug/L	1		6020B	Total Recoverable

Client Sample ID: RW-19DD-(144-154)-030325 — Lab Sample ID: 460-321595-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.010	J	0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Lead	10.3		1.2	0.42	ug/L	1		6020B	Total Recoverable

Client Sample ID: RW-17S-(96-111)-030325 — Lab Sample ID: 460-321595-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	2.2		1.0	0.82	ug/L	1		8260D	Total/NA
Chloromethane	0.59	J	1.0	0.40	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.28	J	0.40	0.28	ug/L	1		8260D	Total/NA
Lead	14.8		1.2	0.42	ug/L	1		6020B	Total Recoverable
Lead	1.2		1.2	0.42	ug/L	1		6020B	Dissolved

Client Sample ID: RW-17DS-(120-130)-030325 — Lab Sample ID: 460-321595-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.012	J	0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Chloromethane	0.49	J	1.0	0.40	ug/L	1		8260D	Total/NA
Cyclohexane	0.43	J	1.0	0.32	ug/L	1		8260D	Total/NA
Toluene	0.46	J	1.0	0.38	ug/L	1		8260D	Total/NA
Lead	2.1		1.2	0.42	ug/L	1		6020B	Total Recoverable

Client Sample ID: RW-18S-(92-102)-030325 — Lab Sample ID: 460-321595-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.011	J	0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Carbon disulfide	1.0		1.0	0.82	ug/L	1		8260D	Total/NA
Cyclohexane	0.38	J	1.0	0.32	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: RW-18S-(92-102)-030325 (Continued) — Lab Sample ID: 460-321595-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	0.41	J	1.0	0.38	ug/L	1		8260D	Total/NA
Lead	6.9		1.2	0.42	ug/L	1		6020B	Total Recoverable

Client Sample ID: RW-18DS-(112-122)-030325 — Lab Sample ID: 460-321595-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.015	J	0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Carbon disulfide	3.9		1.0	0.82	ug/L	1		8260D	Total/NA
Toluene	0.40	J	1.0	0.38	ug/L	1		8260D	Total/NA
Lead	5.0		1.2	0.42	ug/L	1		6020B	Total Recoverable

Client Sample ID: RW-18DD-(157-167)-030325 — Lab Sample ID: 460-321595-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.016	J	0.035	0.0050	ug/L	1		8260D SIM	Total/NA
Carbon disulfide	1.9		1.0	0.82	ug/L	1		8260D	Total/NA
Cyclohexane	0.47	J	1.0	0.32	ug/L	1		8260D	Total/NA
Toluene	0.39	J	1.0	0.38	ug/L	1		8260D	Total/NA
Lead	2.7		1.2	0.42	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321595-1

Client Sample ID: Trip Blank-04-030325

Lab Sample ID: 460-321595-1

Date Collected: 03/03/25 00:00

Matrix: Water

Date Received: 03/04/25 14:10

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/16/25 06:10	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/16/25 06:10	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/16/25 06:10	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/16/25 06:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*70 - 130*		*03/16/25 06:10*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/13/25 23:08	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/13/25 23:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/13/25 23:08	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/13/25 23:08	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/13/25 23:08	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/13/25 23:08	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/13/25 23:08	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/13/25 23:08	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/13/25 23:08	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/13/25 23:08	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/13/25 23:08	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/13/25 23:08	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/13/25 23:08	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/13/25 23:08	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/13/25 23:08	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/13/25 23:08	1
Acetone	4.4	U	5.0	4.4	ug/L			03/13/25 23:08	1
Benzene	0.070	U	0.45	0.070	ug/L			03/13/25 23:08	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/13/25 23:08	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/13/25 23:08	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/13/25 23:08	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/13/25 23:08	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/13/25 23:08	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/13/25 23:08	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/13/25 23:08	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/13/25 23:08	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/13/25 23:08	1
Chloromethane	**0.44**	**J**	1.0	0.40	ug/L			03/13/25 23:08	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/13/25 23:08	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/13/25 23:08	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/13/25 23:08	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/13/25 23:08	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/13/25 23:08	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/13/25 23:08	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/13/25 23:08	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/13/25 23:08	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/13/25 23:08	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/13/25 23:08	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/13/25 23:08	1
Styrene	0.42	U	1.0	0.42	ug/L			03/13/25 23:08	1

Client Sample ID: Trip Blank-04-030325
Lab Sample ID: 460-321595-1
Date Collected: 03/03/25 00:00
Matrix: Water
Date Received: 03/04/25 14:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/13/25 23:08	1
Toluene	0.38	U	1.0	0.38	ug/L			03/13/25 23:08	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/13/25 23:08	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/13/25 23:08	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/13/25 23:08	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/13/25 23:08	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/13/25 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 130*		*03/13/25 23:08*	*1*
4-Bromofluorobenzene	*94*		*70 - 130*		*03/13/25 23:08*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*03/13/25 23:08*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*03/13/25 23:08*	*1*

Client Sample ID: RW-19S-(113-123)-030325
Lab Sample ID: 460-321595-2
Date Collected: 03/03/25 08:20
Matrix: Water
Date Received: 03/04/25 14:10

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/16/25 06:54	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/16/25 06:54	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/16/25 06:54	1
Vinyl chloride	**0.014**	**J**	0.035	0.0050	ug/L			03/16/25 06:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*70 - 130*		*03/16/25 06:54*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/14/25 04:01	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/14/25 04:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/14/25 04:01	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/14/25 04:01	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/14/25 04:01	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/14/25 04:01	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/14/25 04:01	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/14/25 04:01	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/14/25 04:01	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/14/25 04:01	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/14/25 04:01	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/14/25 04:01	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/14/25 04:01	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/14/25 04:01	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/14/25 04:01	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/14/25 04:01	1
Acetone	4.4	U	5.0	4.4	ug/L			03/14/25 04:01	1
Benzene	0.070	U	0.45	0.070	ug/L			03/14/25 04:01	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/14/25 04:01	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/14/25 04:01	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/14/25 04:01	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321595-1

Client Sample ID: RW-19S-(113-123)-030325
Date Collected: 03/03/25 08:20
Date Received: 03/04/25 14:10

Lab Sample ID: 460-321595-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/14/25 04:01	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/14/25 04:01	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/14/25 04:01	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/14/25 04:01	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/14/25 04:01	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/14/25 04:01	1
Chloromethane	**0.48**	**J**	1.0	0.40	ug/L			03/14/25 04:01	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/14/25 04:01	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/14/25 04:01	1
Cyclohexane	**0.36**	**J**	1.0	0.32	ug/L			03/14/25 04:01	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/14/25 04:01	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/14/25 04:01	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/14/25 04:01	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/14/25 04:01	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/14/25 04:01	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/14/25 04:01	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/14/25 04:01	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/14/25 04:01	1
Styrene	0.42	U	1.0	0.42	ug/L			03/14/25 04:01	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/14/25 04:01	1
Toluene	0.38	U	1.0	0.38	ug/L			03/14/25 04:01	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/14/25 04:01	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/14/25 04:01	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/14/25 04:01	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/14/25 04:01	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/14/25 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 130*		*03/14/25 04:01*	*1*
4-Bromofluorobenzene	*92*		*70 - 130*		*03/14/25 04:01*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*03/14/25 04:01*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*03/14/25 04:01*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/08/25 10:18	03/09/25 18:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*33*		*10 - 150*	*03/08/25 10:18*	*03/09/25 18:01*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/13/25 17:10	03/14/25 17:25	1
Lead	**1.2**		1.2	0.42	ug/L		03/13/25 17:10	03/14/25 17:25	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/17/25 09:26	03/17/25 15:08	1
Lead	0.42	U	1.2	0.42	ug/L		03/17/25 09:26	03/17/25 15:08	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321595-1

Client Sample ID: DUP-03-030325

Date Collected: 03/03/25 12:00
Date Received: 03/04/25 14:10

Lab Sample ID: 460-321595-3

Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/16/25 07:16	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/16/25 07:16	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/16/25 07:16	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/16/25 07:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*03/16/25 07:16*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/14/25 04:26	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/14/25 04:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/14/25 04:26	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/14/25 04:26	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/14/25 04:26	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/14/25 04:26	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/14/25 04:26	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/14/25 04:26	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/14/25 04:26	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/14/25 04:26	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/14/25 04:26	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/14/25 04:26	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/14/25 04:26	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/14/25 04:26	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/14/25 04:26	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/14/25 04:26	1
Acetone	4.4	U	5.0	4.4	ug/L			03/14/25 04:26	1
Benzene	0.070	U	0.45	0.070	ug/L			03/14/25 04:26	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/14/25 04:26	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/14/25 04:26	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/14/25 04:26	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/14/25 04:26	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/14/25 04:26	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/14/25 04:26	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/14/25 04:26	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/14/25 04:26	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/14/25 04:26	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/14/25 04:26	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/14/25 04:26	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/14/25 04:26	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/14/25 04:26	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/14/25 04:26	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/14/25 04:26	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/14/25 04:26	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/14/25 04:26	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/14/25 04:26	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/14/25 04:26	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/14/25 04:26	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/14/25 04:26	1
Styrene	0.42	U	1.0	0.42	ug/L			03/14/25 04:26	1

Client Sample ID: DUP-03-030325
Lab Sample ID: 460-321595-3
Date Collected: 03/03/25 12:00
Matrix: Water
Date Received: 03/04/25 14:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/14/25 04:26	1
Toluene	0.38	U	1.0	0.38	ug/L			03/14/25 04:26	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/14/25 04:26	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/14/25 04:26	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/14/25 04:26	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/14/25 04:26	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/14/25 04:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 130*		*03/14/25 04:26*	*1*
4-Bromofluorobenzene	*91*		*70 - 130*		*03/14/25 04:26*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*03/14/25 04:26*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*03/14/25 04:26*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/08/25 10:18	03/09/25 15:08	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*32*		*10 - 150*	*03/08/25 10:18*	*03/09/25 15:08*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/13/25 17:10	03/14/25 17:36	1
Lead	**0.66**	**J**	1.2	0.42	ug/L		03/13/25 17:10	03/14/25 17:36	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/17/25 09:26	03/17/25 15:10	1
Lead	0.42	U	1.2	0.42	ug/L		03/17/25 09:26	03/17/25 15:10	1

Client Sample ID: RW-19DS-(131-137)-030325
Lab Sample ID: 460-321595-4
Date Collected: 03/03/25 09:15
Matrix: Water
Date Received: 03/04/25 14:10

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/16/25 07:38	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/16/25 07:38	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/16/25 07:38	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/16/25 07:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*03/16/25 07:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/14/25 04:50	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/14/25 04:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/14/25 04:50	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/14/25 04:50	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/14/25 04:50	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321595-1

Client Sample ID: RW-19DS-(131-137)-030325
Date Collected: 03/03/25 09:15
Date Received: 03/04/25 14:10

Lab Sample ID: 460-321595-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/14/25 04:50	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/14/25 04:50	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/14/25 04:50	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/14/25 04:50	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/14/25 04:50	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/14/25 04:50	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/14/25 04:50	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/14/25 04:50	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/14/25 04:50	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/14/25 04:50	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/14/25 04:50	1
Acetone	4.4	U	5.0	4.4	ug/L			03/14/25 04:50	1
Benzene	0.070	U	0.45	0.070	ug/L			03/14/25 04:50	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/14/25 04:50	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/14/25 04:50	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/14/25 04:50	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/14/25 04:50	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/14/25 04:50	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/14/25 04:50	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/14/25 04:50	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/14/25 04:50	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/14/25 04:50	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/14/25 04:50	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/14/25 04:50	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/14/25 04:50	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/14/25 04:50	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/14/25 04:50	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/14/25 04:50	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/14/25 04:50	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/14/25 04:50	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/14/25 04:50	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/14/25 04:50	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/14/25 04:50	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/14/25 04:50	1
Styrene	0.42	U	1.0	0.42	ug/L			03/14/25 04:50	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/14/25 04:50	1
Toluene	0.38	U	1.0	0.38	ug/L			03/14/25 04:50	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/14/25 04:50	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/14/25 04:50	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/14/25 04:50	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/14/25 04:50	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/14/25 04:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 130*		*03/14/25 04:50*	*1*
4-Bromofluorobenzene	*90*		*70 - 130*		*03/14/25 04:50*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*03/14/25 04:50*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*03/14/25 04:50*	*1*

Client Sample ID: RW-19DS-(131-137)-030325
Lab Sample ID: 460-321595-4
Date Collected: 03/03/25 09:15
Matrix: Water
Date Received: 03/04/25 14:10

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/08/25 10:18	03/09/25 15:24	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*34*		*10 - 150*	*03/08/25 10:18*	*03/09/25 15:24*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/13/25 17:10	03/14/25 17:38	1
Lead	**1.4**		1.2	0.42	ug/L		03/13/25 17:10	03/14/25 17:38	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/17/25 09:26	03/17/25 15:13	1
Lead	0.42	U	1.2	0.42	ug/L		03/17/25 09:26	03/17/25 15:13	1

Client Sample ID: RW-19DD-(144-154)-030325
Lab Sample ID: 460-321595-5
Date Collected: 03/03/25 09:50
Matrix: Water
Date Received: 03/04/25 14:10

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/16/25 08:00	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/16/25 08:00	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/16/25 08:00	1
Vinyl chloride	**0.010**	**J**	0.035	0.0050	ug/L			03/16/25 08:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*03/16/25 08:00*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/14/25 05:14	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/14/25 05:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/14/25 05:14	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/14/25 05:14	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/14/25 05:14	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/14/25 05:14	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/14/25 05:14	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/14/25 05:14	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/14/25 05:14	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/14/25 05:14	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/14/25 05:14	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/14/25 05:14	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/14/25 05:14	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/14/25 05:14	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/14/25 05:14	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/14/25 05:14	1
Acetone	4.4	U	5.0	4.4	ug/L			03/14/25 05:14	1
Benzene	0.070	U	0.45	0.070	ug/L			03/14/25 05:14	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/14/25 05:14	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/14/25 05:14	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/14/25 05:14	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321595-1

Client Sample ID: RW-19DD-(144-154)-030325
Date Collected: 03/03/25 09:50
Date Received: 03/04/25 14:10

Lab Sample ID: 460-321595-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/14/25 05:14	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/14/25 05:14	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/14/25 05:14	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/14/25 05:14	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/14/25 05:14	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/14/25 05:14	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/14/25 05:14	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/14/25 05:14	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/14/25 05:14	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/14/25 05:14	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/14/25 05:14	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/14/25 05:14	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/14/25 05:14	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/14/25 05:14	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/14/25 05:14	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/14/25 05:14	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/14/25 05:14	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/14/25 05:14	1
Styrene	0.42	U	1.0	0.42	ug/L			03/14/25 05:14	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/14/25 05:14	1
Toluene	0.38	U	1.0	0.38	ug/L			03/14/25 05:14	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/14/25 05:14	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/14/25 05:14	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/14/25 05:14	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/14/25 05:14	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/14/25 05:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*70 - 130*		*03/14/25 05:14*	*1*
4-Bromofluorobenzene	*94*		*70 - 130*		*03/14/25 05:14*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*03/14/25 05:14*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*03/14/25 05:14*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/08/25 10:18	03/09/25 15:40	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*29*		*10 - 150*	*03/08/25 10:18*	*03/09/25 15:40*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/13/25 17:10	03/14/25 17:41	1
Lead	**10.3**		1.2	0.42	ug/L		03/13/25 17:10	03/14/25 17:41	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/17/25 09:26	03/17/25 15:16	1
Lead	0.42	U	1.2	0.42	ug/L		03/17/25 09:26	03/17/25 15:16	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321595-1

Client Sample ID: RW-17S-(96-111)-030325
Date Collected: 03/03/25 10:45
Date Received: 03/04/25 14:10

Lab Sample ID: 460-321595-6
Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/16/25 08:23	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/16/25 08:23	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/16/25 08:23	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/16/25 08:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*03/16/25 08:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/14/25 05:39	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/14/25 05:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/14/25 05:39	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/14/25 05:39	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/14/25 05:39	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/14/25 05:39	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/14/25 05:39	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/14/25 05:39	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/14/25 05:39	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/14/25 05:39	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/14/25 05:39	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/14/25 05:39	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/14/25 05:39	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/14/25 05:39	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/14/25 05:39	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/14/25 05:39	1
Acetone	4.4	U	5.0	4.4	ug/L			03/14/25 05:39	1
Benzene	0.070	U	0.45	0.070	ug/L			03/14/25 05:39	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/14/25 05:39	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/14/25 05:39	1
Carbon disulfide	**2.2**		1.0	0.82	ug/L			03/14/25 05:39	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/14/25 05:39	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/14/25 05:39	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/14/25 05:39	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/14/25 05:39	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/14/25 05:39	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/14/25 05:39	1
Chloromethane	**0.59**	**J**	1.0	0.40	ug/L			03/14/25 05:39	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/14/25 05:39	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/14/25 05:39	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/14/25 05:39	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/14/25 05:39	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/14/25 05:39	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/14/25 05:39	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/14/25 05:39	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/14/25 05:39	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/14/25 05:39	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/14/25 05:39	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/14/25 05:39	1
Styrene	0.42	U	1.0	0.42	ug/L			03/14/25 05:39	1

Client Sample ID: RW-17S-(96-111)-030325
Lab Sample ID: 460-321595-6
Date Collected: 03/03/25 10:45
Matrix: Water
Date Received: 03/04/25 14:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.28**	**J**	0.40	0.28	ug/L			03/14/25 05:39	1
Toluene	0.38	U	1.0	0.38	ug/L			03/14/25 05:39	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/14/25 05:39	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/14/25 05:39	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/14/25 05:39	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/14/25 05:39	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/14/25 05:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 130*		*03/14/25 05:39*	*1*
4-Bromofluorobenzene	*92*		*70 - 130*		*03/14/25 05:39*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*03/14/25 05:39*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*03/14/25 05:39*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/08/25 10:18	03/09/25 15:55	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*36*		*10 - 150*	*03/08/25 10:18*	*03/09/25 15:55*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/13/25 17:10	03/14/25 17:44	1
Lead	**14.8**		1.2	0.42	ug/L		03/13/25 17:10	03/14/25 17:44	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/17/25 09:26	03/17/25 15:18	1
Lead	**1.2**		1.2	0.42	ug/L		03/17/25 09:26	03/17/25 15:18	1

Client Sample ID: RW-17DS-(120-130)-030325
Lab Sample ID: 460-321595-7
Date Collected: 03/03/25 11:15
Matrix: Water
Date Received: 03/04/25 14:10

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/16/25 08:45	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/16/25 08:45	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/16/25 08:45	1
Vinyl chloride	**0.012**	**J**	0.035	0.0050	ug/L			03/16/25 08:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*03/16/25 08:45*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/14/25 06:03	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/14/25 06:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/14/25 06:03	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/14/25 06:03	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/14/25 06:03	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321595-1

Client Sample ID: RW-17DS-(120-130)-030325
Date Collected: 03/03/25 11:15
Date Received: 03/04/25 14:10

Lab Sample ID: 460-321595-7
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/14/25 06:03	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/14/25 06:03	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/14/25 06:03	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/14/25 06:03	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/14/25 06:03	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/14/25 06:03	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/14/25 06:03	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/14/25 06:03	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/14/25 06:03	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/14/25 06:03	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/14/25 06:03	1
Acetone	4.4	U	5.0	4.4	ug/L			03/14/25 06:03	1
Benzene	0.070	U	0.45	0.070	ug/L			03/14/25 06:03	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/14/25 06:03	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/14/25 06:03	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/14/25 06:03	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/14/25 06:03	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/14/25 06:03	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/14/25 06:03	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/14/25 06:03	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/14/25 06:03	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/14/25 06:03	1
Chloromethane	**0.49**	**J**	1.0	0.40	ug/L			03/14/25 06:03	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/14/25 06:03	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/14/25 06:03	1
Cyclohexane	**0.43**	**J**	1.0	0.32	ug/L			03/14/25 06:03	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/14/25 06:03	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/14/25 06:03	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/14/25 06:03	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/14/25 06:03	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/14/25 06:03	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/14/25 06:03	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/14/25 06:03	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/14/25 06:03	1
Styrene	0.42	U	1.0	0.42	ug/L			03/14/25 06:03	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/14/25 06:03	1
Toluene	**0.46**	**J**	1.0	0.38	ug/L			03/14/25 06:03	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/14/25 06:03	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/14/25 06:03	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/14/25 06:03	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/14/25 06:03	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/14/25 06:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*		*03/14/25 06:03*	*1*
4-Bromofluorobenzene	*94*		*70 - 130*		*03/14/25 06:03*	*1*
Dibromofluoromethane (Surr)	*101*		*70 - 130*		*03/14/25 06:03*	*1*
Toluene-d8 (Surr)	*109*		*70 - 130*		*03/14/25 06:03*	*1*

Client Sample ID: RW-17DS-(120-130)-030325
Lab Sample ID: 460-321595-7
Date Collected: 03/03/25 11:15
Matrix: Water
Date Received: 03/04/25 14:10

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/08/25 10:18	03/09/25 17:14	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*32*		*10 - 150*	*03/08/25 10:18*	*03/09/25 17:14*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/13/25 17:10	03/14/25 16:54	1
Lead	**2.1**		1.2	0.42	ug/L		03/13/25 17:10	03/14/25 16:54	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/17/25 09:26	03/17/25 14:55	1
Lead	0.42	U	1.2	0.42	ug/L		03/17/25 09:26	03/17/25 14:55	1

Client Sample ID: RW-18S-(92-102)-030325
Lab Sample ID: 460-321595-8
Date Collected: 03/03/25 12:15
Matrix: Water
Date Received: 03/04/25 14:10

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/16/25 09:07	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/16/25 09:07	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/16/25 09:07	1
Vinyl chloride	**0.011**	**J**	0.035	0.0050	ug/L			03/16/25 09:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*03/16/25 09:07*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/14/25 06:28	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/14/25 06:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/14/25 06:28	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/14/25 06:28	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/14/25 06:28	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/14/25 06:28	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/14/25 06:28	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/14/25 06:28	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/14/25 06:28	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/14/25 06:28	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/14/25 06:28	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/14/25 06:28	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/14/25 06:28	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/14/25 06:28	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/14/25 06:28	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/14/25 06:28	1
Acetone	4.4	U	5.0	4.4	ug/L			03/14/25 06:28	1
Benzene	0.070	U	0.45	0.070	ug/L			03/14/25 06:28	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/14/25 06:28	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/14/25 06:28	1
Carbon disulfide	**1.0**		1.0	0.82	ug/L			03/14/25 06:28	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321595-1

Client Sample ID: RW-18S-(92-102)-030325
Date Collected: 03/03/25 12:15
Date Received: 03/04/25 14:10

Lab Sample ID: 460-321595-8
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/14/25 06:28	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/14/25 06:28	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/14/25 06:28	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/14/25 06:28	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/14/25 06:28	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/14/25 06:28	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/14/25 06:28	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/14/25 06:28	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/14/25 06:28	1
Cyclohexane	**0.38**	**J**	1.0	0.32	ug/L			03/14/25 06:28	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/14/25 06:28	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/14/25 06:28	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/14/25 06:28	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/14/25 06:28	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/14/25 06:28	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/14/25 06:28	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/14/25 06:28	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/14/25 06:28	1
Styrene	0.42	U	1.0	0.42	ug/L			03/14/25 06:28	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/14/25 06:28	1
Toluene	**0.41**	**J**	1.0	0.38	ug/L			03/14/25 06:28	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/14/25 06:28	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/14/25 06:28	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/14/25 06:28	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/14/25 06:28	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/14/25 06:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 130*		*03/14/25 06:28*	*1*
4-Bromofluorobenzene	*93*		*70 - 130*		*03/14/25 06:28*	*1*
Dibromofluoromethane (Surr)	*102*		*70 - 130*		*03/14/25 06:28*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*03/14/25 06:28*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/08/25 10:18	03/09/25 16:11	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*29*		*10 - 150*	*03/08/25 10:18*	*03/09/25 16:11*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/13/25 17:10	03/14/25 17:46	1
Lead	**6.9**		1.2	0.42	ug/L		03/13/25 17:10	03/14/25 17:46	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/17/25 09:26	03/17/25 15:21	1
Lead	0.42	U	1.2	0.42	ug/L		03/17/25 09:26	03/17/25 15:21	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321595-1

Client Sample ID: RW-18DS-(112-122)-030325
Date Collected: 03/03/25 12:45
Date Received: 03/04/25 14:10

Lab Sample ID: 460-321595-9
Matrix: Water

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/16/25 09:29	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/16/25 09:29	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/16/25 09:29	1
Vinyl chloride	**0.015**	**J**	0.035	0.0050	ug/L			03/16/25 09:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*03/16/25 09:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/14/25 06:52	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/14/25 06:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/14/25 06:52	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/14/25 06:52	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/14/25 06:52	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/14/25 06:52	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/14/25 06:52	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/14/25 06:52	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/14/25 06:52	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/14/25 06:52	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/14/25 06:52	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/14/25 06:52	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/14/25 06:52	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/14/25 06:52	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/14/25 06:52	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/14/25 06:52	1
Acetone	4.4	U	5.0	4.4	ug/L			03/14/25 06:52	1
Benzene	0.070	U	0.45	0.070	ug/L			03/14/25 06:52	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/14/25 06:52	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/14/25 06:52	1
Carbon disulfide	**3.9**		1.0	0.82	ug/L			03/14/25 06:52	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/14/25 06:52	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/14/25 06:52	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/14/25 06:52	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/14/25 06:52	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/14/25 06:52	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/14/25 06:52	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/14/25 06:52	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/14/25 06:52	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/14/25 06:52	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/14/25 06:52	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/14/25 06:52	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/14/25 06:52	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/14/25 06:52	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/14/25 06:52	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/14/25 06:52	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/14/25 06:52	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/14/25 06:52	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/14/25 06:52	1
Styrene	0.42	U	1.0	0.42	ug/L			03/14/25 06:52	1

Client Sample ID: RW-18DS-(112-122)-030325
Lab Sample ID: 460-321595-9
Date Collected: 03/03/25 12:45
Matrix: Water
Date Received: 03/04/25 14:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/14/25 06:52	1
Toluene	**0.40**	**J**	1.0	0.38	ug/L			03/14/25 06:52	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/14/25 06:52	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/14/25 06:52	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/14/25 06:52	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/14/25 06:52	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/14/25 06:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 130*		*03/14/25 06:52*	*1*
4-Bromofluorobenzene	*91*		*70 - 130*		*03/14/25 06:52*	*1*
Dibromofluoromethane (Surr)	*104*		*70 - 130*		*03/14/25 06:52*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*03/14/25 06:52*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/08/25 10:18	03/09/25 16:27	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*35*		*10 - 150*	*03/08/25 10:18*	*03/09/25 16:27*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/13/25 17:10	03/14/25 17:49	1
Lead	**5.0**		1.2	0.42	ug/L		03/13/25 17:10	03/14/25 17:49	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/17/25 09:26	03/17/25 15:23	1
Lead	0.42	U	1.2	0.42	ug/L		03/17/25 09:26	03/17/25 15:23	1

Client Sample ID: RW-18DD-(157-167)-030325
Lab Sample ID: 460-321595-10
Date Collected: 03/03/25 13:20
Matrix: Water
Date Received: 03/04/25 14:10

Method: SW846 8260D SIM - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/16/25 09:51	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/16/25 09:51	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/16/25 09:51	1
Vinyl chloride	**0.016**	**J**	0.035	0.0050	ug/L			03/16/25 09:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*97*		*70 - 130*		*03/16/25 09:51*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.24	U	1.0	0.24	ug/L			03/14/25 07:16	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/14/25 07:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/14/25 07:16	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/14/25 07:16	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/14/25 07:16	1

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321595-1

Client Sample ID: RW-18DD-(157-167)-030325
Date Collected: 03/03/25 13:20
Date Received: 03/04/25 14:10

Lab Sample ID: 460-321595-10
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/14/25 07:16	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/14/25 07:16	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/14/25 07:16	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/14/25 07:16	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/14/25 07:16	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/14/25 07:16	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/14/25 07:16	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/14/25 07:16	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/14/25 07:16	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/14/25 07:16	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/14/25 07:16	1
Acetone	4.4	U	5.0	4.4	ug/L			03/14/25 07:16	1
Benzene	0.070	U	0.45	0.070	ug/L			03/14/25 07:16	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/14/25 07:16	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/14/25 07:16	1
Carbon disulfide	**1.9**		1.0	0.82	ug/L			03/14/25 07:16	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/14/25 07:16	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/14/25 07:16	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/14/25 07:16	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/14/25 07:16	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/14/25 07:16	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/14/25 07:16	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/14/25 07:16	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/14/25 07:16	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/14/25 07:16	1
Cyclohexane	**0.47**	**J**	1.0	0.32	ug/L			03/14/25 07:16	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/14/25 07:16	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/14/25 07:16	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/14/25 07:16	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/14/25 07:16	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/14/25 07:16	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/14/25 07:16	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/14/25 07:16	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/14/25 07:16	1
Styrene	0.42	U	1.0	0.42	ug/L			03/14/25 07:16	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/14/25 07:16	1
Toluene	**0.39**	**J**	1.0	0.38	ug/L			03/14/25 07:16	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/14/25 07:16	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/14/25 07:16	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/14/25 07:16	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/14/25 07:16	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/14/25 07:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 130*		*03/14/25 07:16*	*1*
4-Bromofluorobenzene	*91*		*70 - 130*		*03/14/25 07:16*	*1*
Dibromofluoromethane (Surr)	*103*		*70 - 130*		*03/14/25 07:16*	*1*
Toluene-d8 (Surr)	*108*		*70 - 130*		*03/14/25 07:16*	*1*

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321595-1

Client Sample ID: RW-18DD-(157-167)-030325
Date Collected: 03/03/25 13:20
Date Received: 03/04/25 14:10

Lab Sample ID: 460-321595-10
Matrix: Water

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/08/25 10:18	03/09/25 16:42	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*27*		*10 - 150*	*03/08/25 10:18*	*03/09/25 16:42*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/13/25 17:10	03/14/25 17:51	1
Lead	**2.7**		1.2	0.42	ug/L		03/13/25 17:10	03/14/25 17:51	1

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/17/25 09:26	03/17/25 15:26	1
Lead	0.42	U	1.2	0.42	ug/L		03/17/25 09:26	03/17/25 15:26	1

Surrogate Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321595-1

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)	(70-130)
460-321595-1	Trip Blank-04-030325	108	94	102	108
460-321595-2	RW-19S-(113-123)-030325	109	92	101	107
460-321595-3	DUP-03-030325	112	91	104	109
460-321595-4	RW-19DS-(131-137)-030325	111	90	102	107
460-321595-5	RW-19DD-(144-154)-030325	110	94	103	107
460-321595-6	RW-17S-(96-111)-030325	111	92	102	105
460-321595-7	RW-17DS-(120-130)-030325	106	94	101	109
460-321595-7 MS	RW-17DS-(120-130)-030325	106	93	100	107
460-321595-7 MSD	RW-17DS-(120-130)-030325	106	93	99	107
460-321595-8	RW-18S-(92-102)-030325	107	93	102	108
460-321595-9	RW-18DS-(112-122)-030325	113	91	104	107
460-321595-10	RW-18DD-(157-167)-030325	111	91	103	108
LCS 460-1025812/3	Lab Control Sample	106	95	103	108
LCSD 460-1025812/5	Lab Control Sample Dup	106	94	100	108
MB 460-1025812/10	Method Blank	109	92	100	108

Surrogate Legend

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

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB
Lab Sample ID	Client Sample ID	(70-130)
460-321595-1	Trip Blank-04-030325	93
460-321595-2	RW-19S-(113-123)-030325	95
460-321595-3	DUP-03-030325	96
460-321595-4	RW-19DS-(131-137)-030325	96
460-321595-5	RW-19DD-(144-154)-030325	97
460-321595-6	RW-17S-(96-111)-030325	97
460-321595-7	RW-17DS-(120-130)-030325	97
460-321595-7 MS	RW-17DS-(120-130)-030325	97
460-321595-7 MSD	RW-17DS-(120-130)-030325	98
460-321595-8	RW-18S-(92-102)-030325	96
460-321595-9	RW-18DS-(112-122)-030325	97
460-321595-10	RW-18DD-(157-167)-030325	97
LCS 460-1026142/3	Lab Control Sample	93
LCSD 460-1026142/4	Lab Control Sample Dup	94
MB 460-1026142/8	Method Blank	96

Surrogate Legend

BFB = 4-Bromofluorobenzene

Isotope Dilution Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321595-1

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DXE (10-150)						
460-321595-2	RW-19S-(113-123)-030325	33						
460-321595-3	DUP-03-030325	32						
460-321595-4	RW-19DS-(131-137)-030325	34						
460-321595-5	RW-19DD-(144-154)-030325	29						
460-321595-6	RW-17S-(96-111)-030325	36						
460-321595-7	RW-17DS-(120-130)-030325	32						
460-321595-7 MS	RW-17DS-(120-130)-030325	49						
460-321595-7 MSD	RW-17DS-(120-130)-030325	53						
460-321595-8	RW-18S-(92-102)-030325	29						
460-321595-9	RW-18DS-(112-122)-030325	35						
460-321595-10	RW-18DD-(157-167)-030325	27						
LCS 460-1024837/2-A	Lab Control Sample	29						
LCSD 460-1024837/3-A	Lab Control Sample Dup	29						
MB 460-1024837/1-A	Method Blank	42						

Surrogate Legend

DXE = 1,4-Dioxane-d8

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

Lab Sample ID: MB 460-1025812/10
Matrix: Water
Analysis Batch: 1025812

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	0.24	U	1.0	0.24	ug/L			03/13/25 22:43	1
1,1,2,2-Tetrachloroethane	0.085	U	0.20	0.085	ug/L			03/13/25 22:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	1.0	0.31	ug/L			03/13/25 22:43	1
1,1,2-Trichloroethane	0.19	U	0.58	0.19	ug/L			03/13/25 22:43	1
1,1-Dichloroethane	0.26	U	1.0	0.26	ug/L			03/13/25 22:43	1
1,1-Dichloroethene	0.26	U	1.0	0.26	ug/L			03/13/25 22:43	1
1,2,3-Trichlorobenzene	0.36	U	1.0	0.36	ug/L			03/13/25 22:43	1
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			03/13/25 22:43	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			03/13/25 22:43	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			03/13/25 22:43	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			03/13/25 22:43	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			03/13/25 22:43	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			03/13/25 22:43	1
2-Butanone (MEK)	1.9	U	5.0	1.9	ug/L			03/13/25 22:43	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			03/13/25 22:43	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			03/13/25 22:43	1
Acetone	4.4	U	5.0	4.4	ug/L			03/13/25 22:43	1
Benzene	0.070	U	0.45	0.070	ug/L			03/13/25 22:43	1
Bromoform	0.54	U	1.0	0.54	ug/L			03/13/25 22:43	1
Bromomethane	0.55	U	1.0	0.55	ug/L			03/13/25 22:43	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			03/13/25 22:43	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			03/13/25 22:43	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			03/13/25 22:43	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			03/13/25 22:43	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			03/13/25 22:43	1
Chloroethane	0.32	U	1.0	0.32	ug/L			03/13/25 22:43	1
Chloroform	0.33	U	1.0	0.33	ug/L			03/13/25 22:43	1
Chloromethane	0.40	U	1.0	0.40	ug/L			03/13/25 22:43	1
cis-1,2-Dichloroethene	0.22	U	1.0	0.22	ug/L			03/13/25 22:43	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			03/13/25 22:43	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			03/13/25 22:43	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			03/13/25 22:43	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			03/13/25 22:43	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			03/13/25 22:43	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			03/13/25 22:43	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			03/13/25 22:43	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			03/13/25 22:43	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			03/13/25 22:43	1
Methylene Chloride	0.32	U	1.0	0.32	ug/L			03/13/25 22:43	1
Styrene	0.42	U	1.0	0.42	ug/L			03/13/25 22:43	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			03/13/25 22:43	1
Toluene	0.38	U	1.0	0.38	ug/L			03/13/25 22:43	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			03/13/25 22:43	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			03/13/25 22:43	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			03/13/25 22:43	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			03/13/25 22:43	1
Xylenes, Total	0.65	U	2.0	0.65	ug/L			03/13/25 22:43	1

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

Lab Sample ID: MB 460-1025812/10
Matrix: Water
Analysis Batch: 1025812

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		70 - 130		03/13/25 22:43	1
4-Bromofluorobenzene	92		70 - 130		03/13/25 22:43	1
Dibromofluoromethane (Surr)	100		70 - 130		03/13/25 22:43	1
Toluene-d8 (Surr)	108		70 - 130		03/13/25 22:43	1

Lab Sample ID: LCS 460-1025812/3
Matrix: Water
Analysis Batch: 1025812

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	20.0	19.5		ug/L		97	70 - 130
1,1,2,2-Tetrachloroethane	20.0	21.4		ug/L		107	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.8		ug/L		104	70 - 130
1,1,2-Trichloroethane	20.0	23.3		ug/L		117	70 - 130
1,1-Dichloroethane	20.0	23.7		ug/L		118	70 - 130
1,1-Dichloroethene	20.0	21.3		ug/L		107	70 - 130
1,2,3-Trichlorobenzene	20.0	18.4		ug/L		92	70 - 130
1,2,4-Trichlorobenzene	20.0	18.7		ug/L		93	70 - 130
1,2-Dichlorobenzene	20.0	19.6		ug/L		98	70 - 130
1,2-Dichloroethane	20.0	20.6		ug/L		103	70 - 130
1,2-Dichloropropane	20.0	25.0		ug/L		125	70 - 130
1,3-Dichlorobenzene	20.0	19.3		ug/L		97	70 - 130
1,4-Dichlorobenzene	20.0	19.1		ug/L		96	70 - 130
2-Butanone (MEK)	100	89.6		ug/L		90	40 - 160
2-Hexanone	100	103		ug/L		103	40 - 160
4-Methyl-2-pentanone (MIBK)	100	96.7		ug/L		97	40 - 160
Acetone	100	99.4		ug/L		99	40 - 160
Benzene	20.0	23.3		ug/L		117	70 - 130
Bromoform	20.0	19.8		ug/L		99	70 - 130
Bromomethane	20.0	15.7		ug/L		79	40 - 160
Carbon disulfide	20.0	22.4		ug/L		112	40 - 160
Carbon tetrachloride	20.0	19.3		ug/L		96	70 - 130
Chlorobenzene	20.0	21.9		ug/L		110	70 - 130
Chlorobromomethane	20.0	20.1		ug/L		101	70 - 130
Chlorodibromomethane	20.0	21.6		ug/L		108	70 - 130
Chloroethane	20.0	17.8		ug/L		89	40 - 160
Chloroform	20.0	21.0		ug/L		105	70 - 130
Chloromethane	20.0	23.3		ug/L		116	40 - 160
cis-1,2-Dichloroethene	20.0	21.8		ug/L		109	70 - 130
cis-1,3-Dichloropropene	20.0	24.2		ug/L		121	70 - 130
Cyclohexane	20.0	22.3		ug/L		112	70 - 130
Dichlorobromomethane	20.0	22.6		ug/L		113	70 - 130
Dichlorodifluoromethane	20.0	15.0		ug/L		75	40 - 160
Ethylbenzene	20.0	20.4		ug/L		102	70 - 130
Isopropylbenzene	20.0	19.9		ug/L		99	70 - 130
Methyl acetate	40.0	51.5		ug/L		129	70 - 130
Methyl tert-butyl ether	20.0	21.5		ug/L		107	70 - 130
Methylcyclohexane	20.0	20.0		ug/L		100	70 - 130

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

Lab Sample ID: LCS 460-1025812/3
Matrix: Water
Analysis Batch: 1025812

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Methylene Chloride			20.0	22.7		ug/L		114	70 - 130		
Styrene			20.0	20.8		ug/L		104	70 - 130		
Tetrachloroethene			20.0	20.3		ug/L		101	70 - 130		
Toluene			20.0	21.5		ug/L		107	70 - 130		
trans-1,2-Dichloroethene			20.0	21.1		ug/L		106	70 - 130		
trans-1,3-Dichloropropene			20.0	22.0		ug/L		110	70 - 130		
Trichloroethene			20.0	21.9		ug/L		109	70 - 130		
Trichlorofluoromethane			20.0	18.9		ug/L		95	40 - 160		
Xylenes, Total			40.0	40.9		ug/L		102	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*
4-Bromofluorobenzene	*95*		*70 - 130*
Dibromofluoromethane (Surr)	*103*		*70 - 130*
Toluene-d8 (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 460-1025812/5
Matrix: Water
Analysis Batch: 1025812

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	17.8		ug/L		89	70 - 130	9	20
1,1,2,2-Tetrachloroethane			20.0	20.5		ug/L		103	70 - 130	4	20
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	17.4		ug/L		87	70 - 130	18	20
1,1,2-Trichloroethane			20.0	22.0		ug/L		110	70 - 130	6	20
1,1-Dichloroethane			20.0	21.8		ug/L		109	70 - 130	8	20
1,1-Dichloroethene			20.0	18.5		ug/L		92	70 - 130	14	20
1,2,3-Trichlorobenzene			20.0	17.6		ug/L		88	70 - 130	4	20
1,2,4-Trichlorobenzene			20.0	17.3		ug/L		87	70 - 130	8	20
1,2-Dichlorobenzene			20.0	18.5		ug/L		92	70 - 130	6	20
1,2-Dichloroethane			20.0	19.4		ug/L		97	70 - 130	6	20
1,2-Dichloropropane			20.0	22.7		ug/L		114	70 - 130	10	20
1,3-Dichlorobenzene			20.0	17.7		ug/L		88	70 - 130	9	20
1,4-Dichlorobenzene			20.0	17.4		ug/L		87	70 - 130	10	20
2-Butanone (MEK)			100	80.7		ug/L		81	40 - 160	11	20
2-Hexanone			100	90.2		ug/L		90	40 - 160	14	20
4-Methyl-2-pentanone (MIBK)			100	87.8		ug/L		88	40 - 160	10	20
Acetone			100	86.1		ug/L		86	40 - 160	14	20
Benzene			20.0	21.2		ug/L		106	70 - 130	9	20
Bromoform			20.0	18.4		ug/L		92	70 - 130	7	20
Bromomethane			20.0	14.7		ug/L		74	40 - 160	6	20
Carbon disulfide			20.0	19.6		ug/L		98	40 - 160	13	20
Carbon tetrachloride			20.0	16.6		ug/L		83	70 - 130	15	20
Chlorobenzene			20.0	19.6		ug/L		98	70 - 130	11	20
Chlorobromomethane			20.0	18.3		ug/L		92	70 - 130	9	20
Chlorodibromomethane			20.0	20.0		ug/L		100	70 - 130	8	20
Chloroethane			20.0	16.3		ug/L		81	40 - 160	9	20
Chloroform			20.0	19.0		ug/L		95	70 - 130	10	20

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

Lab Sample ID: LCSD 460-1025812/5
Matrix: Water
Analysis Batch: 1025812

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloromethane			20.0	21.3		ug/L		107	40 - 160	9	20
cis-1,2-Dichloroethene			20.0	19.4		ug/L		97	70 - 130	11	20
cis-1,3-Dichloropropene			20.0	22.2		ug/L		111	70 - 130	8	20
Cyclohexane			20.0	19.0		ug/L		95	70 - 130	16	20
Dichlorobromomethane			20.0	20.3		ug/L		102	70 - 130	11	20
Dichlorodifluoromethane			20.0	12.7		ug/L		63	40 - 160	17	20
Ethylbenzene			20.0	17.7		ug/L		89	70 - 130	14	20
Isopropylbenzene			20.0	18.0		ug/L		90	70 - 130	10	20
Methyl acetate			40.0	45.3		ug/L		113	70 - 130	13	20
Methyl tert-butyl ether			20.0	20.3		ug/L		101	70 - 130	6	20
Methylcyclohexane			20.0	16.5		ug/L		83	70 - 130	19	20
Methylene Chloride			20.0	20.6		ug/L		103	70 - 130	10	20
Styrene			20.0	18.7		ug/L		94	70 - 130	11	20
Tetrachloroethene			20.0	17.6		ug/L		88	70 - 130	14	20
Toluene			20.0	19.3		ug/L		97	70 - 130	10	20
trans-1,2-Dichloroethene			20.0	18.9		ug/L		95	70 - 130	11	20
trans-1,3-Dichloropropene			20.0	20.1		ug/L		101	70 - 130	9	20
Trichloroethene			20.0	18.1		ug/L		91	70 - 130	19	20
Trichlorofluoromethane			20.0	15.8		ug/L		79	40 - 160	18	20
Xylenes, Total			40.0	36.8		ug/L		92	70 - 130	11	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*
4-Bromofluorobenzene	*94*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*108*		*70 - 130*

Lab Sample ID: 460-321595-7 MS
Matrix: Water
Analysis Batch: 1025812

Client Sample ID: RW-17DS-(120-130)-030325
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane	0.24	U	20.0	18.1		ug/L		91	70 - 130		
1,1,2,2-Tetrachloroethane	0.085	U	20.0	20.1		ug/L		100	70 - 130		
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	20.0	17.5		ug/L		88	70 - 130		
1,1,2-Trichloroethane	0.19	U	20.0	20.1		ug/L		100	70 - 130		
1,1-Dichloroethane	0.26	U	20.0	21.1		ug/L		106	70 - 130		
1,1-Dichloroethene	0.26	U	20.0	18.9		ug/L		95	70 - 130		
1,2,3-Trichlorobenzene	0.36	U	20.0	15.7		ug/L		78	70 - 130		
1,2,4-Trichlorobenzene	0.37	U	20.0	16.3		ug/L		81	70 - 130		
1,2-Dichlorobenzene	0.21	U	20.0	17.7		ug/L		89	70 - 130		
1,2-Dichloroethane	0.087	U	20.0	19.0		ug/L		95	70 - 130		
1,2-Dichloropropane	0.074	U	20.0	22.5		ug/L		113	70 - 130		
1,3-Dichlorobenzene	0.34	U	20.0	17.2		ug/L		86	70 - 130		
1,4-Dichlorobenzene	0.33	U	20.0	17.6		ug/L		88	70 - 130		
2-Butanone (MEK)	1.9	U	100	80.9		ug/L		81	40 - 160		
2-Hexanone	1.1	U	100	84.7		ug/L		85	40 - 160		
4-Methyl-2-pentanone (MIBK)	1.3	U	100	85.3		ug/L		85	40 - 160		

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

Lab Sample ID: 460-321595-7 MS
Matrix: Water
Analysis Batch: 1025812

Client Sample ID: RW-17DS-(120-130)-030325
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	4.4	U	100	86.6		ug/L		87	40 - 160
Benzene	0.070	U	20.0	20.8		ug/L		104	70 - 130
Bromoform	0.54	U	20.0	17.8		ug/L		89	70 - 130
Bromomethane	0.55	U	20.0	14.7		ug/L		74	40 - 160
Carbon disulfide	0.82	U	20.0	20.0		ug/L		100	40 - 160
Carbon tetrachloride	0.21	U	20.0	17.3		ug/L		86	70 - 130
Chlorobenzene	0.38	U	20.0	19.3		ug/L		97	70 - 130
Chlorobromomethane	0.41	U	20.0	17.2		ug/L		86	70 - 130
Chlorodibromomethane	0.086	U	20.0	19.1		ug/L		95	70 - 130
Chloroethane	0.32	U	20.0	17.5		ug/L		87	40 - 160
Chloroform	0.33	U	20.0	19.4		ug/L		97	70 - 130
Chloromethane	0.49	J	20.0	22.3		ug/L		109	40 - 160
cis-1,2-Dichloroethene	0.22	U	20.0	18.6		ug/L		93	70 - 130
cis-1,3-Dichloropropene	0.069	U	20.0	21.3		ug/L		106	70 - 130
Cyclohexane	0.43	J	20.0	19.3		ug/L		94	70 - 130
Dichlorobromomethane	0.15	U	20.0	20.2		ug/L		101	70 - 130
Dichlorodifluoromethane	0.31	U	20.0	13.0		ug/L		65	40 - 160
Ethylbenzene	0.30	U	20.0	17.4		ug/L		87	70 - 130
Isopropylbenzene	0.34	U	20.0	17.5		ug/L		88	70 - 130
Methyl acetate	0.79	U	40.0	39.9		ug/L		100	70 - 130
Methyl tert-butyl ether	0.22	U	20.0	19.4		ug/L		97	70 - 130
Methylcyclohexane	0.71	U	20.0	16.2		ug/L		81	70 - 130
Methylene Chloride	0.32	U	20.0	20.4		ug/L		102	70 - 130
Styrene	0.42	U	20.0	18.4		ug/L		92	70 - 130
Tetrachloroethene	0.28	U	20.0	18.6		ug/L		93	70 - 130
Toluene	0.46	J	20.0	19.6		ug/L		95	70 - 130
trans-1,2-Dichloroethene	0.24	U	20.0	18.5		ug/L		92	70 - 130
trans-1,3-Dichloropropene	0.12	U	20.0	19.9		ug/L		99	70 - 130
Trichloroethene	0.074	U	20.0	18.5		ug/L		93	70 - 130
Trichlorofluoromethane	0.32	U	20.0	16.8		ug/L		84	40 - 160
Xylenes, Total	0.65	U	40.0	35.8		ug/L		89	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*
4-Bromofluorobenzene	*93*		*70 - 130*
Dibromofluoromethane (Surr)	*100*		*70 - 130*
Toluene-d8 (Surr)	*107*		*70 - 130*

Lab Sample ID: 460-321595-7 MSD
Matrix: Water
Analysis Batch: 1025812

Client Sample ID: RW-17DS-(120-130)-030325
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	0.24	U	20.0	18.2		ug/L		91	70 - 130	0	20
1,1,2,2-Tetrachloroethane	0.085	U	20.0	20.7		ug/L		103	70 - 130	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	20.0	17.2		ug/L		86	70 - 130	2	20
1,1,2-Trichloroethane	0.19	U	20.0	21.2		ug/L		106	70 - 130	5	20
1,1-Dichloroethane	0.26	U	20.0	22.8		ug/L		114	70 - 130	8	20

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

Lab Sample ID: 460-321595-7 MSD
Matrix: Water
Analysis Batch: 1025812

Client Sample ID: RW-17DS-(120-130)-030325
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-Dichloroethene	0.26	U	20.0	19.6		ug/L		98	70 - 130	3	20
1,2,3-Trichlorobenzene	0.36	U	20.0	17.3		ug/L		86	70 - 130	10	20
1,2,4-Trichlorobenzene	0.37	U	20.0	17.7		ug/L		88	70 - 130	8	20
1,2-Dichlorobenzene	0.21	U	20.0	18.0		ug/L		90	70 - 130	2	20
1,2-Dichloroethane	0.087	U	20.0	19.3		ug/L		96	70 - 130	1	20
1,2-Dichloropropane	0.074	U	20.0	23.1		ug/L		115	70 - 130	2	20
1,3-Dichlorobenzene	0.34	U	20.0	18.0		ug/L		90	70 - 130	4	20
1,4-Dichlorobenzene	0.33	U	20.0	18.0		ug/L		90	70 - 130	2	20
2-Butanone (MEK)	1.9	U	100	83.8		ug/L		84	40 - 160	3	20
2-Hexanone	1.1	U	100	90.3		ug/L		90	40 - 160	7	20
4-Methyl-2-pentanone (MIBK)	1.3	U	100	87.1		ug/L		87	40 - 160	2	20
Acetone	4.4	U	100	90.6		ug/L		91	40 - 160	5	20
Benzene	0.070	U	20.0	21.7		ug/L		108	70 - 130	4	20
Bromoform	0.54	U	20.0	17.4		ug/L		87	70 - 130	3	20
Bromomethane	0.55	U	20.0	16.7		ug/L		83	40 - 160	13	20
Carbon disulfide	0.82	U	20.0	20.7		ug/L		103	40 - 160	3	20
Carbon tetrachloride	0.21	U	20.0	17.9		ug/L		90	70 - 130	4	20
Chlorobenzene	0.38	U	20.0	19.4		ug/L		97	70 - 130	0	20
Chlorobromomethane	0.41	U	20.0	18.4		ug/L		92	70 - 130	7	20
Chlorodibromomethane	0.086	U	20.0	19.5		ug/L		98	70 - 130	2	20
Chloroethane	0.32	U	20.0	17.4		ug/L		87	40 - 160	0	20
Chloroform	0.33	U	20.0	19.6		ug/L		98	70 - 130	1	20
Chloromethane	0.49	J	20.0	24.0		ug/L		117	40 - 160	7	20
cis-1,2-Dichloroethene	0.22	U	20.0	19.3		ug/L		97	70 - 130	4	20
cis-1,3-Dichloropropene	0.069	U	20.0	21.7		ug/L		109	70 - 130	2	20
Cyclohexane	0.43	J	20.0	19.9		ug/L		97	70 - 130	3	20
Dichlorobromomethane	0.15	U	20.0	21.0		ug/L		105	70 - 130	4	20
Dichlorodifluoromethane	0.31	U	20.0	13.1		ug/L		65	40 - 160	0	20
Ethylbenzene	0.30	U	20.0	18.4		ug/L		92	70 - 130	5	20
Isopropylbenzene	0.34	U	20.0	18.4		ug/L		92	70 - 130	5	20
Methyl acetate	0.79	U	40.0	44.6		ug/L		112	70 - 130	11	20
Methyl tert-butyl ether	0.22	U	20.0	19.6		ug/L		98	70 - 130	1	20
Methylcyclohexane	0.71	U	20.0	16.0		ug/L		80	70 - 130	1	20
Methylene Chloride	0.32	U	20.0	21.0		ug/L		105	70 - 130	3	20
Styrene	0.42	U	20.0	18.4		ug/L		92	70 - 130	0	20
Tetrachloroethene	0.28	U	20.0	18.8		ug/L		94	70 - 130	1	20
Toluene	0.46	J	20.0	19.8		ug/L		97	70 - 130	1	20
trans-1,2-Dichloroethene	0.24	U	20.0	19.0		ug/L		95	70 - 130	3	20
trans-1,3-Dichloropropene	0.12	U	20.0	19.9		ug/L		99	70 - 130	0	20
Trichloroethene	0.074	U	20.0	19.6		ug/L		98	70 - 130	5	20
Trichlorofluoromethane	0.32	U	20.0	17.3		ug/L		87	40 - 160	3	20
Xylenes, Total	0.65	U	40.0	37.7		ug/L		94	70 - 130	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 130*
4-Bromofluorobenzene	*93*		*70 - 130*
Dibromofluoromethane (Surr)	*99*		*70 - 130*
Toluene-d8 (Surr)	*107*		*70 - 130*

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

Lab Sample ID: MB 460-1026142/8
Matrix: Water
Analysis Batch: 1026142

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	0.0030	U	0.0050	0.0030	ug/L			03/16/25 05:45	1
1,2-Dibromo-3-Chloropropane	0.010	U	0.020	0.010	ug/L			03/16/25 05:45	1
Ethylene Dibromide	0.0079	U	0.020	0.0079	ug/L			03/16/25 05:45	1
Vinyl chloride	0.0050	U	0.035	0.0050	ug/L			03/16/25 05:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*70 - 130*		*03/16/25 05:45*	*1*

Lab Sample ID: LCS 460-1026142/3
Matrix: Water
Analysis Batch: 1026142

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	0.0500	0.0476		ug/L		95	40 - 160
1,2-Dibromo-3-Chloropropane	0.0500	0.0499		ug/L		100	40 - 160
Ethylene Dibromide	0.0500	0.0480		ug/L		96	70 - 130
Vinyl chloride	0.250	0.233		ug/L		93	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*93*		*70 - 130*

Lab Sample ID: LCSD 460-1026142/4
Matrix: Water
Analysis Batch: 1026142

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,3-Trichloropropane	0.0500	0.0520		ug/L		104	40 - 160	9	20
1,2-Dibromo-3-Chloropropane	0.0500	0.0522		ug/L		104	40 - 160	5	20
Ethylene Dibromide	0.0500	0.0510		ug/L		102	70 - 130	6	20
Vinyl chloride	0.250	0.226		ug/L		91	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*94*		*70 - 130*

Lab Sample ID: 460-321595-7 MS
Matrix: Water
Analysis Batch: 1026142

Client Sample ID: RW-17DS-(120-130)-030325
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichloropropane	0.0030	U	0.0500	0.0658		ug/L		132	40 - 160
1,2-Dibromo-3-Chloropropane	0.010	U	0.0500	0.0653		ug/L		131	40 - 160
Ethylene Dibromide	0.0079	U	0.0500	0.0549		ug/L		110	70 - 130
Vinyl chloride	0.012	J	0.250	0.309		ug/L		118	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene	*97*		*70 - 130*

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

Lab Sample ID: 460-321595-7 MSD — **Client Sample ID: RW-17DS-(120-130)-030325**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 1026142

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,3-Trichloropropane	0.0030	U	0.0500	0.0624		ug/L		125	40 - 160	5	20
1,2-Dibromo-3-Chloropropane	0.010	U	0.0500	0.0669		ug/L		134	40 - 160	2	20
Ethylene Dibromide	0.0079	U	0.0500	0.0517		ug/L		103	70 - 130	6	20
Vinyl chloride	0.012	J	0.250	0.279		ug/L		107	70 - 130	10	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*70 - 130*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 460-1024837/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 1024931 — **Prep Batch: 1024837**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.072	U	0.20	0.072	ug/L		03/08/25 10:17	03/09/25 14:52	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*42*		*10 - 150*	*03/08/25 10:17*	*03/09/25 14:52*	*1*

Lab Sample ID: LCS 460-1024837/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 1024931 — **Prep Batch: 1024837**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			1.60	1.29		ug/L		81	42 - 142		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*29*		*10 - 150*

Lab Sample ID: LCSD 460-1024837/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 1024931 — **Prep Batch: 1024837**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			1.60	1.27		ug/L		79	42 - 142	2	20

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*29*		*10 - 150*

Lab Sample ID: 460-321595-7 MS — **Client Sample ID: RW-17DS-(120-130)-030325**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 1024931 — **Prep Batch: 1024837**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane	0.072	U	1.60	1.27		ug/L		80	42 - 142		

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
1,4-Dioxane-d8	*49*		*10 - 150*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Lab Sample ID: 460-321595-7 MSD
Matrix: Water
Analysis Batch: 1024931

Client Sample ID: RW-17DS-(120-130)-030325
Prep Type: Total/NA
Prep Batch: 1024837

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	0.072	U	1.60	1.27		ug/L		79	42 - 142	1	20

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,4-Dioxane-d8	*53*		*10 - 150*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1025866/1-A
Matrix: Water
Analysis Batch: 1026036

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 1025866

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/13/25 17:10	03/14/25 16:33	1
Lead	0.42	U	1.2	0.42	ug/L		03/13/25 17:10	03/14/25 16:33	1

Lab Sample ID: LCS 460-1025866/2-A
Matrix: Water
Analysis Batch: 1026036

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1025866

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	50.0	50.92		ug/L		102	80 - 120
Lead	25.0	27.21		ug/L		109	80 - 120

Lab Sample ID: 460-321595-7 MS
Matrix: Water
Analysis Batch: 1026036

Client Sample ID: RW-17DS-(120-130)-030325
Prep Type: Total Recoverable
Prep Batch: 1025866

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	1.2	U	50.0	50.45		ug/L		101	75 - 125
Lead	2.1		25.0	28.78		ug/L		107	75 - 125

Lab Sample ID: 460-321595-7 MSD
Matrix: Water
Analysis Batch: 1026036

Client Sample ID: RW-17DS-(120-130)-030325
Prep Type: Total Recoverable
Prep Batch: 1025866

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	1.2	U	50.0	51.00		ug/L		102	75 - 125	1	20
Lead	2.1		25.0	28.94		ug/L		107	75 - 125	1	20

Lab Sample ID: 460-321595-7 DU
Matrix: Water
Analysis Batch: 1026036

Client Sample ID: RW-17DS-(120-130)-030325
Prep Type: Total Recoverable
Prep Batch: 1025866

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	1.2	U	1.2	U	ug/L		NC	20
Lead	2.1		2.07		ug/L		4	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 460-1026299/3-A
Matrix: Water
Analysis Batch: 1026351

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1026299

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			50.0	51.86		ug/L		104	80 - 120		
Lead			25.0	25.06		ug/L		100	80 - 120		

Lab Sample ID: MB 460-1026295/1-C
Matrix: Water
Analysis Batch: 1026351

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 1026299

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	1.2	U	2.0	1.2	ug/L		03/17/25 09:26	03/17/25 14:39	1
Lead	0.42	U	1.2	0.42	ug/L		03/17/25 09:26	03/17/25 14:39	1

Lab Sample ID: 460-321595-7 MS
Matrix: Water
Analysis Batch: 1026351

Client Sample ID: RW-17DS-(120-130)-030325
Prep Type: Dissolved
Prep Batch: 1026299

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	1.2	U	50.0	49.10		ug/L		98	75 - 125		
Lead	0.42	U	25.0	25.40		ug/L		102	75 - 125		

Lab Sample ID: 460-321595-7 MSD
Matrix: Water
Analysis Batch: 1026351

Client Sample ID: RW-17DS-(120-130)-030325
Prep Type: Dissolved
Prep Batch: 1026299

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	1.2	U	50.0	47.67		ug/L		95	75 - 125	3	20
Lead	0.42	U	25.0	25.22		ug/L		101	75 - 125	1	20

Lab Sample ID: 460-321595-7 DU
Matrix: Water
Analysis Batch: 1026351

Client Sample ID: RW-17DS-(120-130)-030325
Prep Type: Dissolved
Prep Batch: 1026299

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Arsenic	1.2	U		1.2	U	ug/L				NC	20
Lead	0.42	U		0.42	U	ug/L				NC	20

GC/MS VOA

Analysis Batch: 1025812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321595-1	Trip Blank-04-030325	Total/NA	Water	8260D	
460-321595-2	RW-19S-(113-123)-030325	Total/NA	Water	8260D	
460-321595-3	DUP-03-030325	Total/NA	Water	8260D	
460-321595-4	RW-19DS-(131-137)-030325	Total/NA	Water	8260D	
460-321595-5	RW-19DD-(144-154)-030325	Total/NA	Water	8260D	
460-321595-6	RW-17S-(96-111)-030325	Total/NA	Water	8260D	
460-321595-7	RW-17DS-(120-130)-030325	Total/NA	Water	8260D	
460-321595-8	RW-18S-(92-102)-030325	Total/NA	Water	8260D	
460-321595-9	RW-18DS-(112-122)-030325	Total/NA	Water	8260D	
460-321595-10	RW-18DD-(157-167)-030325	Total/NA	Water	8260D	
MB 460-1025812/10	Method Blank	Total/NA	Water	8260D	
LCS 460-1025812/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1025812/5	Lab Control Sample Dup	Total/NA	Water	8260D	
460-321595-7 MS	RW-17DS-(120-130)-030325	Total/NA	Water	8260D	
460-321595-7 MSD	RW-17DS-(120-130)-030325	Total/NA	Water	8260D	

Analysis Batch: 1026142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321595-1	Trip Blank-04-030325	Total/NA	Water	8260D SIM	
460-321595-2	RW-19S-(113-123)-030325	Total/NA	Water	8260D SIM	
460-321595-3	DUP-03-030325	Total/NA	Water	8260D SIM	
460-321595-4	RW-19DS-(131-137)-030325	Total/NA	Water	8260D SIM	
460-321595-5	RW-19DD-(144-154)-030325	Total/NA	Water	8260D SIM	
460-321595-6	RW-17S-(96-111)-030325	Total/NA	Water	8260D SIM	
460-321595-7	RW-17DS-(120-130)-030325	Total/NA	Water	8260D SIM	
460-321595-8	RW-18S-(92-102)-030325	Total/NA	Water	8260D SIM	
460-321595-9	RW-18DS-(112-122)-030325	Total/NA	Water	8260D SIM	
460-321595-10	RW-18DD-(157-167)-030325	Total/NA	Water	8260D SIM	
MB 460-1026142/8	Method Blank	Total/NA	Water	8260D SIM	
LCS 460-1026142/3	Lab Control Sample	Total/NA	Water	8260D SIM	
LCSD 460-1026142/4	Lab Control Sample Dup	Total/NA	Water	8260D SIM	
460-321595-7 MS	RW-17DS-(120-130)-030325	Total/NA	Water	8260D SIM	
460-321595-7 MSD	RW-17DS-(120-130)-030325	Total/NA	Water	8260D SIM	

GC/MS Semi VOA

Prep Batch: 1024837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321595-2	RW-19S-(113-123)-030325	Total/NA	Water	3510C	
460-321595-3	DUP-03-030325	Total/NA	Water	3510C	
460-321595-4	RW-19DS-(131-137)-030325	Total/NA	Water	3510C	
460-321595-5	RW-19DD-(144-154)-030325	Total/NA	Water	3510C	
460-321595-6	RW-17S-(96-111)-030325	Total/NA	Water	3510C	
460-321595-7	RW-17DS-(120-130)-030325	Total/NA	Water	3510C	
460-321595-8	RW-18S-(92-102)-030325	Total/NA	Water	3510C	
460-321595-9	RW-18DS-(112-122)-030325	Total/NA	Water	3510C	
460-321595-10	RW-18DD-(157-167)-030325	Total/NA	Water	3510C	
MB 460-1024837/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1024837/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1024837/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
460-321595-7 MS	RW-17DS-(120-130)-030325	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Prep Batch: 1024837 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321595-7 MSD	RW-17DS-(120-130)-030325	Total/NA	Water	3510C	

Analysis Batch: 1024931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321595-2	RW-19S-(113-123)-030325	Total/NA	Water	8270E SIM ID	1024837
460-321595-3	DUP-03-030325	Total/NA	Water	8270E SIM ID	1024837
460-321595-4	RW-19DS-(131-137)-030325	Total/NA	Water	8270E SIM ID	1024837
460-321595-5	RW-19DD-(144-154)-030325	Total/NA	Water	8270E SIM ID	1024837
460-321595-6	RW-17S-(96-111)-030325	Total/NA	Water	8270E SIM ID	1024837
460-321595-7	RW-17DS-(120-130)-030325	Total/NA	Water	8270E SIM ID	1024837
460-321595-8	RW-18S-(92-102)-030325	Total/NA	Water	8270E SIM ID	1024837
460-321595-9	RW-18DS-(112-122)-030325	Total/NA	Water	8270E SIM ID	1024837
460-321595-10	RW-18DD-(157-167)-030325	Total/NA	Water	8270E SIM ID	1024837
MB 460-1024837/1-A	Method Blank	Total/NA	Water	8270E SIM ID	1024837
LCS 460-1024837/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	1024837
LCSD 460-1024837/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	1024837
460-321595-7 MS	RW-17DS-(120-130)-030325	Total/NA	Water	8270E SIM ID	1024837
460-321595-7 MSD	RW-17DS-(120-130)-030325	Total/NA	Water	8270E SIM ID	1024837

Metals

Prep Batch: 1025866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321595-2	RW-19S-(113-123)-030325	Total Recoverable	Water	3005A	
460-321595-3	DUP-03-030325	Total Recoverable	Water	3005A	
460-321595-4	RW-19DS-(131-137)-030325	Total Recoverable	Water	3005A	
460-321595-5	RW-19DD-(144-154)-030325	Total Recoverable	Water	3005A	
460-321595-6	RW-17S-(96-111)-030325	Total Recoverable	Water	3005A	
460-321595-7	RW-17DS-(120-130)-030325	Total Recoverable	Water	3005A	
460-321595-8	RW-18S-(92-102)-030325	Total Recoverable	Water	3005A	
460-321595-9	RW-18DS-(112-122)-030325	Total Recoverable	Water	3005A	
460-321595-10	RW-18DD-(157-167)-030325	Total Recoverable	Water	3005A	
MB 460-1025866/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 460-1025866/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
460-321595-7 MS	RW-17DS-(120-130)-030325	Total Recoverable	Water	3005A	
460-321595-7 MSD	RW-17DS-(120-130)-030325	Total Recoverable	Water	3005A	
460-321595-7 DU	RW-17DS-(120-130)-030325	Total Recoverable	Water	3005A	

Analysis Batch: 1026036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321595-2	RW-19S-(113-123)-030325	Total Recoverable	Water	6020B	1025866
460-321595-3	DUP-03-030325	Total Recoverable	Water	6020B	1025866
460-321595-4	RW-19DS-(131-137)-030325	Total Recoverable	Water	6020B	1025866
460-321595-5	RW-19DD-(144-154)-030325	Total Recoverable	Water	6020B	1025866
460-321595-6	RW-17S-(96-111)-030325	Total Recoverable	Water	6020B	1025866
460-321595-7	RW-17DS-(120-130)-030325	Total Recoverable	Water	6020B	1025866
460-321595-8	RW-18S-(92-102)-030325	Total Recoverable	Water	6020B	1025866
460-321595-9	RW-18DS-(112-122)-030325	Total Recoverable	Water	6020B	1025866
460-321595-10	RW-18DD-(157-167)-030325	Total Recoverable	Water	6020B	1025866
MB 460-1025866/1-A	Method Blank	Total Recoverable	Water	6020B	1025866
LCS 460-1025866/2-A	Lab Control Sample	Total Recoverable	Water	6020B	1025866

Metals (Continued)

Analysis Batch: 1026036 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321595-7 MS	RW-17DS-(120-130)-030325	Total Recoverable	Water	6020B	1025866
460-321595-7 MSD	RW-17DS-(120-130)-030325	Total Recoverable	Water	6020B	1025866
460-321595-7 DU	RW-17DS-(120-130)-030325	Total Recoverable	Water	6020B	1025866

Filtration Batch: 1026295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321595-2	RW-19S-(113-123)-030325	Dissolved	Water	FILTRATION	
460-321595-3	DUP-03-030325	Dissolved	Water	FILTRATION	
460-321595-4	RW-19DS-(131-137)-030325	Dissolved	Water	FILTRATION	
460-321595-5	RW-19DD-(144-154)-030325	Dissolved	Water	FILTRATION	
460-321595-6	RW-17S-(96-111)-030325	Dissolved	Water	FILTRATION	
460-321595-7	RW-17DS-(120-130)-030325	Dissolved	Water	FILTRATION	
460-321595-8	RW-18S-(92-102)-030325	Dissolved	Water	FILTRATION	
460-321595-9	RW-18DS-(112-122)-030325	Dissolved	Water	FILTRATION	
460-321595-10	RW-18DD-(157-167)-030325	Dissolved	Water	FILTRATION	
MB 460-1026295/1-C	Method Blank	Dissolved	Water	FILTRATION	
460-321595-7 MS	RW-17DS-(120-130)-030325	Dissolved	Water	FILTRATION	
460-321595-7 MSD	RW-17DS-(120-130)-030325	Dissolved	Water	FILTRATION	
460-321595-7 DU	RW-17DS-(120-130)-030325	Dissolved	Water	FILTRATION	

Prep Batch: 1026299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321595-2	RW-19S-(113-123)-030325	Dissolved	Water	3005A	1026295
460-321595-3	DUP-03-030325	Dissolved	Water	3005A	1026295
460-321595-4	RW-19DS-(131-137)-030325	Dissolved	Water	3005A	1026295
460-321595-5	RW-19DD-(144-154)-030325	Dissolved	Water	3005A	1026295
460-321595-6	RW-17S-(96-111)-030325	Dissolved	Water	3005A	1026295
460-321595-7	RW-17DS-(120-130)-030325	Dissolved	Water	3005A	1026295
460-321595-8	RW-18S-(92-102)-030325	Dissolved	Water	3005A	1026295
460-321595-9	RW-18DS-(112-122)-030325	Dissolved	Water	3005A	1026295
460-321595-10	RW-18DD-(157-167)-030325	Dissolved	Water	3005A	1026295
MB 460-1026295/1-C	Method Blank	Dissolved	Water	3005A	1026295
LCS 460-1026299/3-A	Lab Control Sample	Total Recoverable	Water	3005A	
460-321595-7 MS	RW-17DS-(120-130)-030325	Dissolved	Water	3005A	1026295
460-321595-7 MSD	RW-17DS-(120-130)-030325	Dissolved	Water	3005A	1026295
460-321595-7 DU	RW-17DS-(120-130)-030325	Dissolved	Water	3005A	1026295

Analysis Batch: 1026351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321595-2	RW-19S-(113-123)-030325	Dissolved	Water	6020B	1026299
460-321595-3	DUP-03-030325	Dissolved	Water	6020B	1026299
460-321595-4	RW-19DS-(131-137)-030325	Dissolved	Water	6020B	1026299
460-321595-5	RW-19DD-(144-154)-030325	Dissolved	Water	6020B	1026299
460-321595-6	RW-17S-(96-111)-030325	Dissolved	Water	6020B	1026299
460-321595-7	RW-17DS-(120-130)-030325	Dissolved	Water	6020B	1026299
460-321595-8	RW-18S-(92-102)-030325	Dissolved	Water	6020B	1026299
460-321595-9	RW-18DS-(112-122)-030325	Dissolved	Water	6020B	1026299
460-321595-10	RW-18DD-(157-167)-030325	Dissolved	Water	6020B	1026299
MB 460-1026295/1-C	Method Blank	Dissolved	Water	6020B	1026299
LCS 460-1026299/3-A	Lab Control Sample	Total Recoverable	Water	6020B	1026299
460-321595-7 MS	RW-17DS-(120-130)-030325	Dissolved	Water	6020B	1026299

Metals (Continued)

Analysis Batch: 1026351 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-321595-7 MSD	RW-17DS-(120-130)-030325	Dissolved	Water	6020B	1026299
460-321595-7 DU	RW-17DS-(120-130)-030325	Dissolved	Water	6020B	1026299

Lab Chronicle

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321595-1

Client Sample ID: Trip Blank-04-030325

Lab Sample ID: 460-321595-1

Date Collected: 03/03/25 00:00
Matrix: Water
Date Received: 03/04/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1025812	VBP	EET EDI	03/13/25 23:08
Total/NA	Analysis	8260D SIM		1	1026142	KLB	EET EDI	03/16/25 06:10

Client Sample ID: RW-19S-(113-123)-030325

Lab Sample ID: 460-321595-2

Date Collected: 03/03/25 08:20
Matrix: Water
Date Received: 03/04/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1025812	VBP	EET EDI	03/14/25 04:01
Total/NA	Analysis	8260D SIM		1	1026142	KLB	EET EDI	03/16/25 06:54
Total/NA	Prep	3510C			1024837	NMP	EET EDI	03/08/25 10:18
Total/NA	Analysis	8270E SIM ID		1	1024931	YAH	EET EDI	03/09/25 18:01
Dissolved	Filtration	FILTRATION			1026295	JKF	EET EDI	03/17/25 09:17
Dissolved	Prep	3005A			1026299	JKF	EET EDI	03/17/25 09:26
Dissolved	Analysis	6020B		1	1026351	JKF	EET EDI	03/17/25 15:08
Total Recoverable	Prep	3005A			1025866	GAE	EET EDI	03/13/25 17:10
Total Recoverable	Analysis	6020B		1	1026036	DLE	EET EDI	03/14/25 17:25

Client Sample ID: DUP-03-030325

Lab Sample ID: 460-321595-3

Date Collected: 03/03/25 12:00
Matrix: Water
Date Received: 03/04/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1025812	VBP	EET EDI	03/14/25 04:26
Total/NA	Analysis	8260D SIM		1	1026142	KLB	EET EDI	03/16/25 07:16
Total/NA	Prep	3510C			1024837	NMP	EET EDI	03/08/25 10:18
Total/NA	Analysis	8270E SIM ID		1	1024931	YAH	EET EDI	03/09/25 15:08
Dissolved	Filtration	FILTRATION			1026295	JKF	EET EDI	03/17/25 09:17
Dissolved	Prep	3005A			1026299	JKF	EET EDI	03/17/25 09:26
Dissolved	Analysis	6020B		1	1026351	JKF	EET EDI	03/17/25 15:10
Total Recoverable	Prep	3005A			1025866	GAE	EET EDI	03/13/25 17:10
Total Recoverable	Analysis	6020B		1	1026036	DLE	EET EDI	03/14/25 17:36

Client Sample ID: RW-19DS-(131-137)-030325

Lab Sample ID: 460-321595-4

Date Collected: 03/03/25 09:15
Matrix: Water
Date Received: 03/04/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1025812	VBP	EET EDI	03/14/25 04:50
Total/NA	Analysis	8260D SIM		1	1026142	KLB	EET EDI	03/16/25 07:38
Total/NA	Prep	3510C			1024837	NMP	EET EDI	03/08/25 10:18
Total/NA	Analysis	8270E SIM ID		1	1024931	YAH	EET EDI	03/09/25 15:24
Dissolved	Filtration	FILTRATION			1026295	JKF	EET EDI	03/17/25 09:17
Dissolved	Prep	3005A			1026299	JKF	EET EDI	03/17/25 09:26
Dissolved	Analysis	6020B		1	1026351	JKF	EET EDI	03/17/25 15:13

Lab Chronicle

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321595-1

Client Sample ID: RW-19DS-(131-137)-030325

Lab Sample ID: 460-321595-4

Date Collected: 03/03/25 09:15

Matrix: Water

Date Received: 03/04/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			1025866	GAE	EET EDI	03/13/25 17:10
Total Recoverable	Analysis	6020B		1	1026036	DLE	EET EDI	03/14/25 17:38

Client Sample ID: RW-19DD-(144-154)-030325

Lab Sample ID: 460-321595-5

Date Collected: 03/03/25 09:50

Matrix: Water

Date Received: 03/04/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1025812	VBP	EET EDI	03/14/25 05:14
Total/NA	Analysis	8260D SIM		1	1026142	KLB	EET EDI	03/16/25 08:00
Total/NA	Prep	3510C			1024837	NMP	EET EDI	03/08/25 10:18
Total/NA	Analysis	8270E SIM ID		1	1024931	YAH	EET EDI	03/09/25 15:40
Dissolved	Filtration	FILTRATION			1026295	JKF	EET EDI	03/17/25 09:17
Dissolved	Prep	3005A			1026299	JKF	EET EDI	03/17/25 09:26
Dissolved	Analysis	6020B		1	1026351	JKF	EET EDI	03/17/25 15:16
Total Recoverable	Prep	3005A			1025866	GAE	EET EDI	03/13/25 17:10
Total Recoverable	Analysis	6020B		1	1026036	DLE	EET EDI	03/14/25 17:41

Client Sample ID: RW-17S-(96-111)-030325

Lab Sample ID: 460-321595-6

Date Collected: 03/03/25 10:45

Matrix: Water

Date Received: 03/04/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1025812	VBP	EET EDI	03/14/25 05:39
Total/NA	Analysis	8260D SIM		1	1026142	KLB	EET EDI	03/16/25 08:23
Total/NA	Prep	3510C			1024837	NMP	EET EDI	03/08/25 10:18
Total/NA	Analysis	8270E SIM ID		1	1024931	YAH	EET EDI	03/09/25 15:55
Dissolved	Filtration	FILTRATION			1026295	JKF	EET EDI	03/17/25 09:17
Dissolved	Prep	3005A			1026299	JKF	EET EDI	03/17/25 09:26
Dissolved	Analysis	6020B		1	1026351	JKF	EET EDI	03/17/25 15:18
Total Recoverable	Prep	3005A			1025866	GAE	EET EDI	03/13/25 17:10
Total Recoverable	Analysis	6020B		1	1026036	DLE	EET EDI	03/14/25 17:44

Client Sample ID: RW-17DS-(120-130)-030325

Lab Sample ID: 460-321595-7

Date Collected: 03/03/25 11:15

Matrix: Water

Date Received: 03/04/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1025812	VBP	EET EDI	03/14/25 06:03
Total/NA	Analysis	8260D SIM		1	1026142	KLB	EET EDI	03/16/25 08:45
Total/NA	Prep	3510C			1024837	NMP	EET EDI	03/08/25 10:18
Total/NA	Analysis	8270E SIM ID		1	1024931	YAH	EET EDI	03/09/25 17:14
Dissolved	Filtration	FILTRATION			1026295	JKF	EET EDI	03/17/25 09:17
Dissolved	Prep	3005A			1026299	JKF	EET EDI	03/17/25 09:26
Dissolved	Analysis	6020B		1	1026351	JKF	EET EDI	03/17/25 14:55

Lab Chronicle

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321595-1

Client Sample ID: RW-17DS-(120-130)-030325

Lab Sample ID: 460-321595-7

Date Collected: 03/03/25 11:15

Matrix: Water

Date Received: 03/04/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			1025866	GAE	EET EDI	03/13/25 17:10
Total Recoverable	Analysis	6020B		1	1026036	DLE	EET EDI	03/14/25 16:54

Client Sample ID: RW-18S-(92-102)-030325

Lab Sample ID: 460-321595-8

Date Collected: 03/03/25 12:15

Matrix: Water

Date Received: 03/04/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1025812	VBP	EET EDI	03/14/25 06:28
Total/NA	Analysis	8260D SIM		1	1026142	KLB	EET EDI	03/16/25 09:07
Total/NA	Prep	3510C			1024837	NMP	EET EDI	03/08/25 10:18
Total/NA	Analysis	8270E SIM ID		1	1024931	YAH	EET EDI	03/09/25 16:11
Dissolved	Filtration	FILTRATION			1026295	JKF	EET EDI	03/17/25 09:17
Dissolved	Prep	3005A			1026299	JKF	EET EDI	03/17/25 09:26
Dissolved	Analysis	6020B		1	1026351	JKF	EET EDI	03/17/25 15:21
Total Recoverable	Prep	3005A			1025866	GAE	EET EDI	03/13/25 17:10
Total Recoverable	Analysis	6020B		1	1026036	DLE	EET EDI	03/14/25 17:46

Client Sample ID: RW-18DS-(112-122)-030325

Lab Sample ID: 460-321595-9

Date Collected: 03/03/25 12:45

Matrix: Water

Date Received: 03/04/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1025812	VBP	EET EDI	03/14/25 06:52
Total/NA	Analysis	8260D SIM		1	1026142	KLB	EET EDI	03/16/25 09:29
Total/NA	Prep	3510C			1024837	NMP	EET EDI	03/08/25 10:18
Total/NA	Analysis	8270E SIM ID		1	1024931	YAH	EET EDI	03/09/25 16:27
Dissolved	Filtration	FILTRATION			1026295	JKF	EET EDI	03/17/25 09:17
Dissolved	Prep	3005A			1026299	JKF	EET EDI	03/17/25 09:26
Dissolved	Analysis	6020B		1	1026351	JKF	EET EDI	03/17/25 15:23
Total Recoverable	Prep	3005A			1025866	GAE	EET EDI	03/13/25 17:10
Total Recoverable	Analysis	6020B		1	1026036	DLE	EET EDI	03/14/25 17:49

Client Sample ID: RW-18DD-(157-167)-030325

Lab Sample ID: 460-321595-10

Date Collected: 03/03/25 13:20

Matrix: Water

Date Received: 03/04/25 14:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1025812	VBP	EET EDI	03/14/25 07:16
Total/NA	Analysis	8260D SIM		1	1026142	KLB	EET EDI	03/16/25 09:51
Total/NA	Prep	3510C			1024837	NMP	EET EDI	03/08/25 10:18
Total/NA	Analysis	8270E SIM ID		1	1024931	YAH	EET EDI	03/09/25 16:42
Dissolved	Filtration	FILTRATION			1026295	JKF	EET EDI	03/17/25 09:17
Dissolved	Prep	3005A			1026299	JKF	EET EDI	03/17/25 09:26
Dissolved	Analysis	6020B		1	1026351	JKF	EET EDI	03/17/25 15:26

Lab Chronicle

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321595-1

Client Sample ID: RW-18DD-(157-167)-030325

Date Collected: 03/03/25 13:20
Date Received: 03/04/25 14:10

Lab Sample ID: 460-321595-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			1025866	GAE	EET EDI	03/13/25 17:10
Total Recoverable	Analysis	6020B		1	1026036	DLE	EET EDI	03/14/25 17:51

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Cornerstone Environmental Group, LLC
Job ID: 460-321595-1
Project/Site: FORD Ringwood Mines E203361

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	12028	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D SIM		Water	1,2,3-Trichloropropane
8260D SIM		Water	1,2-Dibromo-3-Chloropropane
8260D SIM		Water	Ethylene Dibromide
8260D SIM		Water	Vinyl chloride

Method Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321595-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8260D SIM	Volatile Organic Compounds (GC/MS)	SW846	EET EDI
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET EDI
6020B	Metals (ICP/MS)	SW846	EET EDI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI
FILTRATION	Sample Filtration	None	EET EDI

Protocol References:

None = None

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

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Cornerstone Environmental Group, LLC
Project/Site: FORD Ringwood Mines E203361

Job ID: 460-321595-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-321595-1	Trip Blank-04-030325	Water	03/03/25 00:00	03/04/25 14:10
460-321595-2	RW-19S-(113-123)-030325	Water	03/03/25 08:20	03/04/25 14:10
460-321595-3	DUP-03-030325	Water	03/03/25 12:00	03/04/25 14:10
460-321595-4	RW-19DS-(131-137)-030325	Water	03/03/25 09:15	03/04/25 14:10
460-321595-5	RW-19DD-(144-154)-030325	Water	03/03/25 09:50	03/04/25 14:10
460-321595-6	RW-17S-(96-111)-030325	Water	03/03/25 10:45	03/04/25 14:10
460-321595-7	RW-17DS-(120-130)-030325	Water	03/03/25 11:15	03/04/25 14:10
460-321595-8	RW-18S-(92-102)-030325	Water	03/03/25 12:15	03/04/25 14:10
460-321595-9	RW-18DS-(112-122)-030325	Water	03/03/25 12:45	03/04/25 14:10
460-321595-10	RW-18DD-(157-167)-030325	Water	03/03/25 13:20	03/04/25 14:10

Chain of Custody Record

634848

eurofins | Environment Testing America

Address: _____

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Tim Roeper	Site Contact:	Date:	COC No:
Company Name: Tetra Tech / Cornerstone	Tel/Email: tim.roeper@tetratech.com	Lab Contact:	Carrier:	1 of 1 COCs
Address: 400 Crystal Run Rd Suite 101	Analysis Turnaround Time			Sampler:
City/State/Zip: Middletown NY 10941	☒ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 845-695-0200	TAT if different from Below _____			Walk-in Client:
Fax:	☒ 2 weeks			Lab Sampling
Project Name: Ford Ringwood Mines	☐ 1 week			Job / SDG No. 321595
Site: Ringwood NJS	☐ 2 days			
PO# 2021-4213111-003	☐ 1 day			

460-321595 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	8260B TCL VOC	6020B As, Pb	6020B As, Pb Dissolved, Lab Filtered	8270E SIM 1,4-Dioxane	8270E SIM 1,4-Dioxane Isotope Dilution	Sample Specific Notes:
Trip Blank-04-030325	3/3/25	-	G	BW	2	N	N	X					1
RW-19S-(113-123)-030325	3/3/25	0820	G	GW	8	N	N	X	X	X	X	X	2
DUP-03-030325	3/3/25	1200	G	GW	8	N	N	X	X	X	X	X	3
RW-19DS-(131-137)-030325	3/3/25	0915	G	GW	8	N	N	X	X	X	X	X	4
RW-19DD-(144-154)-030325	3/3/25	0950	G	GW	8	N	N	X	X	X	X	X	5
RW-17S-(96-111)-030325	3/3/25	1045	G	GW	8	N	N	X	X	X	X	X	6
RW-17DS-(120-130)-030325-MS-MSD	3/3/25	1115	G	GW	24	N	Y	X	X	X	X	X	7
RW-18S-(92-102)-030325	3/3/25	1215	G	GW	8	N	N	X	X	X	X	X	8
RW-18DS-(112-122)-030325	3/3/25	1245	G	GW	8	N	N	X	X	X	X	X	9
RW-18DD-(157-167)-030325	3/3/25	1320	G	GW	8	N	N	X	X	X	X	X	10

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments: 6020B As Pb Diss Lab Filtered
8270E SIM 1-4 Dioxane / Isotope Dilution

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No	Cooler Temp. (°C): Obs'd. _____ Corr'd. _____	Therm ID No. _____

Relinquished by	Company	Date/Time	Received by	Company	Date/Time
David Wheeler	TT / CEG	03/04/25 / 1340	Blank		3/4/25 1410
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by	Company	Date/Time

IR-9085-12 1.4-18

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3/27/2025

Job Number: 32595

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Number of Coolers: 2 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	0.9 °C	1.2 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	1.4 °C	1.8 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
2				<2											
3				<2											
4				<2											
5				<2											
6				<2											
7				<2											
8				<2											
9				<2											
10				<2											

If pH adjustments are required record the information below.

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s) _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: BL Date: 3/4/25

3/22/2025

Login Sample Receipt Checklist

Client: Cornerstone Environmental Group, LLC

Job Number: 460-321595-1

Login Number: 321595
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ATTACHMENT D

DATA VALIDATION REPORTS

DATA VERIFICATION REPORT

March 12, 2025

Tim Roeper
Tetratech
100 Crystal Run Road
Suite 100
Middletown, NY 10944

CADENA project ID: E203361
Project: Ford Ringwood Mines Project
Project number: RINGWOOD MINES
Event Specific Scope of Work References: Sample COC
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory submittal: 321063-1
Sample date: 2025-02-25
Report received by CADENA: 2025-03-12
Initial Data Verification completed by CADENA: 2025-03-12
Number of Samples:22
Sample Matrices: Water, field blank, trip blank
Test Categories: GCMS VOC, GCMS SVOC and Metals
Please see attached criteria report or sample result/qualified analytical result summary for qualifier flags assigned to sample data.

The following minor QC exceptions or missing information were noted:

TRIP BLANKS had detections BELOW the Reporting Limit (RL) as noted below. Client sample results were either non-detect for these analytes or had concentrations greater than 5X the method blank levels so qualification of client sample results was not required: GCMS VOC - chloromethane.

MS or MSD recoveries but not both or RPD only were outliers for the following analytes so results for the client sample spiked were not qualified based on these QC outliers alone: GCMS SVOC-SIM sample -014 - RPD only - 1,4-dioxane.

MS/MSD recovery outliers or sample duplicate RPD outliers were not determined using a client sample from this submittal for the test and QC batch noted so qualification was not required based on these sample-specific QC outliers: METALS QC batch 1025061.

GCMS VOC CCV STANDARD response outliers as noted in the laboratory submittal case narrative were not used to qualify client sample results as part of this level 2 data package verification review.

Sample/MS/MSD Surrogate Recovery, Blank/LCS Surrogate Recovery, LCS/LCD Recovery, LCS/LCD RPD, MS/MSD Recovery, MS/MSD RPD, Blank Contamination and Hold Time Exception were reviewed as part of our verification.

Data verification for the report specified above was completed using the Ford Motor Company Environmental Laboratory Technical Specification, the CADENA Standard Operating Procedure for the Verification of Environmental Analytical Data and the associated analytical methods as references for evaluating the batch QC, sample data and report content. The EPA National Functional Guidelines for validating organic and inorganic data were used as guidance when addressing out of control QC results and the associated data qualifiers.

Analytical results reported between RDL and MDL are flagged 'J' and considered estimated values.

The definitions of the qualifiers used for this data package are defined in the analytical report. CADENA valid qualifiers are defined in the table below. To view and download a PDF copy of the laboratory analytical report access the CADENA CLMS at http://clms.cadenaco.com/index.cfm.

Please contact me if you have any questions.

Sincerely,

Jim Tomalia

Project Scientist

CADENA Inc, 1099 Highland Drive, Suite E, Ann Arbor, MI 48108 517-819-0356

CADENA Valid Qualifiers

Valid Qualifiers	Description
<	Less than the reported concentration.
>	Greater than the reported concentration.
B	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was greater than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the reported concentration. For Inorganic methods the sample concentration was greater than the RDL and less than 10x the blank concentration and is considered non-detect at the reported concentration.
E	The analyte / Compound reported exceeds the calibration range and is considered estimated.
EMPC	Estimated Minimum Potential Contamination - Dioxin/Furan analyses only.
J	Indicates an estimated value. This flag is used either when estimating a concentration for a tentatively identified compound or when the data indicates the presence of an analyte / compound but the result is less than the sample Quantitation limit, but greater than zero. The flag is also used in data validation to indicate a reported value should be considered estimated due to associated quality assurance deficiencies.
J-	The result is an estimated quantity, but the result may be biased low.
JB	NON-DETECT AT THE CONCENTRATION REPORTED AND ESTIMATED
JH	The sample result is considered estimated and is potentially biased high.
JL	The sample result is considered estimated and is potentially biased low.
JUB	NON-DETECT AT THE REPORTING LIMIT AND ESTIMATED
NJ	Tentatively identified compound with approximated concentration.
R	Indicates the value is considered to be unusable. (Note: The analyte / compound may or may not be present.)
TNTC	Too Numerous to Count - Asbestos and Microbiological Results.
U	Indicates that the analyte / compound was analyzed for, but not detected.
UB	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was less than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the RDL. For Inorganic methods the sample concentration was less than the RDL and less than 10x the blank concentration and is considered non-detect at the RDL.
UJ	The analyte / compound was not detected above the reported sample Quantitation limit. However, the Quantitation limit is considered to be approximate due to associated quality assurance results and may or may not represent the actual limit of Quantitation to accurately and precisely report the analyte in the sample.

SAMPLING AND ANALYSIS SUMMARY

CADENA Project ID: E203361

Laboratory: Eurofins Environment Testing LLC-Edison
Laboratory Submittal: 321063-1

Lab Sample ID	Sample ID	Collection Date (mm/yy/dd)	Collection Time (hh:mm:ss)	GCMS VOC	GCMS VOC SIM	GCMS SVOC 2018	METALS BY ICPMS(D)	METALS BY ICPMS
4603210631	SW-PAB-04-022525	2/25/2025	10:40:00	X	X	X	X	X
46032106310	DUP-01-022525	2/25/2025	12:00:00	X	X	X	X	X
46032106311	SW-SR3-SEEP-2-022525	2/25/2025	10:45:00	X	X	X	X	X
46032106312	SW-PAB-01A-022525	2/25/2025	12:05:00	X	X	X	X	X
46032106313	SW-PAB-01-022525	2/25/2025	11:40:00	X	X	X	X	X
46032106314	SW-PAB-00-022525	2/25/2025	9:40:00	X	X	X	X	X
46032106315	SW-PAB-02-022525	2/25/2025	10:05:00	X	X	X	X	X
46032106316	SW-PAB-03-022525	2/25/2025	11:05:00	X	X	X	X	X
46032106317	SW-NOB-01-022525	2/25/2025	9:35:00	X	X	X	X	X
46032106318	SW-PMB-01-022525	2/25/2025	10:40:00	X	X	X	X	X
46032106319	SW-MRB-00-022525	2/25/2025	12:05:00	X	X	X	X	X
4603210632	SW-SP-01-022525	2/25/2025	11:30:00	X	X	X	X	X
46032106320	SW-MRB-01-022525	2/25/2025	12:35:00	X	X	X	X	X
46032106321	SW-PMB-02-022525	2/25/2025	11:45:00	X	X	X	X	X
46032106322	SW-11-022525	2/25/2025	10:30:00	X	X	X	X	X
4603210633	SW-MRB-02-022525	2/25/2025	9:55:00	X	X	X	X	X
4603210634	SW-MRB-03-022525	2/25/2025	10:20:00	X	X	X	X	X
4603210635	SW-NOB-02-022525	2/25/2025	11:00:00	X	X	X	X	X
4603210636	SW-03-022525	2/25/2025	9:10:00	X	X	X	X	X
4603210637	SW-04-022525	2/25/2025	9:30:00	X	X	X	X	X
4603210638	Field Blank-01-022525	2/25/2025	12:00:00	X	X	X	X	X
4603210639	Trip Blank-01-022525	2/25/2025	12:00:00	X	X			

Analytical Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321063-1

		Sample Name:	SW-PAB-04-022525				DUP-01-022525				SW-SR3-SEEP-2-022525				SW-PAB-01A-022525				SW-PAB-01-022525				SW-PAB-00-022525			
		Lab Sample ID:	4603210631				46032106310				46032106311				46032106312				46032106313				46032106314			
		Sample Date:	2/25/2025				2/25/2025				2/25/2025				2/25/2025				2/25/2025				2/25/2025			
Analyte	Cas No.		Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
GC/MS VOC																										
OSW-8260D																										
1,1,1-Trichloroethane	71-55-6		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1,2,2-Tetrachloroethane	79-34-5		ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1,2-Trichloroethane	79-00-5		ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---
1,1-Dichloroethane	75-34-3		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1-Dichloroethene	75-35-4		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2,3-Trichlorobenzene	87-61-6		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2,4-Trichlorobenzene	120-82-1		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2-Dichlorobenzene	95-50-1		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2-Dichloroethane	107-06-2		ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---
1,2-Dichloropropane	78-87-5		ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---
1,3-Dichlorobenzene	541-73-1		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,4-Dichlorobenzene	106-46-7		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
2-Butanone (MEK)	78-93-3		ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
2-Hexanone	591-78-6		ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
4-Methyl-2-pentanone (MIBK)	108-10-1		ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Acetone	67-64-1		ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Benzene	71-43-2		ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Bromoform	75-25-2		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Bromomethane	74-83-9		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Carbon disulfide	75-15-0		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Carbon tetrachloride	56-23-5		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorobenzene	108-90-7		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorobromomethane	74-97-5		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorodibromomethane	124-48-1		ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---
Chloroethane	75-00-3		ND	1.0	ug/l	---	1.3	1.0	ug/l	---	1.2	1.0	ug/l	---	ND	1.0	ug/l	---	0.88	1.0	ug/l	J	ND	1.0	ug/l	---
Chloroform	67-66-3		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chloromethane	74-87-3		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
cis-1,2-Dichloroethene	156-59-2		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
cis-1,3-Dichloropropene	10061-01-5		ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Cyclohexane	110-82-7		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Dichlorobromomethane	75-27-4		ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---
Dichlorodifluoromethane	75-71-8		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Ethylbenzene	100-41-4		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Isopropylbenzene	98-82-8		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methyl acetate	79-20-9		ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Methyl tert-butyl ether	1634-04-4		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methylcyclohexane	108-87-2		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methylene Chloride	75-09-2		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Styrene	100-42-5		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Tetrachloroethene	127-18-4		ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---
Toluene	108-88-3		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
trans-1,2-Dichloroethene	156-60-5		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
trans-1,3-Dichloropropene	10061-02-6		ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Trichloroethene	79-01-6		ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---
Trichlorofluoromethane	75-69-4		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Xylenes, Total	1330-20-7		ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---

Analytical Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321063-1

		Sample Name:	SW-PAB-04-022525				DUP-01-022525				SW-SR3-SEEP-2-022525				SW-PAB-01A-022525				SW-PAB-01-022525				SW-PAB-00-022525			
		Lab Sample ID:	4603210631				46032106310				46032106311				46032106312				46032106313				46032106314			
		Sample Date:	2/25/2025				2/25/2025				2/25/2025				2/25/2025				2/25/2025				2/25/2025			
	Analyte	Cas No.	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
OSW-8260DSIM																										
	1,2,3-Trichloropropane	96-18-4	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---
	1,2-Dibromo-3-Chloropropane	96-12-8	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Ethylene Dibromide	106-93-4	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Vinyl chloride	75-01-4	ND	0.035	ug/l	---	0.039	0.035	ug/l	---	0.044	0.035	ug/l	---	ND	0.035	ug/l	---	0.011	0.035	ug/l	J	ND	0.035	ug/l	---
GC/MS SVOC																										
OSW-8270E																										
	1,4-Dioxane	123-91-1	ND	0.20	ug/l	---	1.5	0.20	ug/l	---	1.5	0.20	ug/l	---	ND	0.20	ug/l	---	0.55	0.20	ug/l	---	ND	0.20	ug/l	---
Metals																										
OSW-6020B																										
	Arsenic	7440-38-2	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
	Arsenic - Dissolved	7440-38-2	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
	Lead	7439-92-1	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---	0.93	1.2	ug/l	J	ND	1.2	ug/l	---	ND	1.2	ug/l	---
	Lead - Dissolved	7439-92-1	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---

Analytical Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321063-1

		Sample Name:	SW-PAB-02-022525				SW-PAB-03-022525				SW-NOB-01-022525				SW-PMB-01-022525				SW-MRB-00-022525				SW-SP-01-022525			
		Lab Sample ID:	46032106315				46032106316				46032106317				46032106318				46032106319				4603210632			
		Sample Date:	2/25/2025				2/25/2025				2/25/2025				2/25/2025				2/25/2025				2/25/2025			
Analyte	Cas No.		Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
GC/MS VOC																										
OSW-8260D																										
1,1,1-Trichloroethane	71-55-6		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1,2,2-Tetrachloroethane	79-34-5		ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1,2-Trichloroethane	79-00-5		ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---
1,1-Dichloroethane	75-34-3		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1-Dichloroethene	75-35-4		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2,3-Trichlorobenzene	87-61-6		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2,4-Trichlorobenzene	120-82-1		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2-Dichlorobenzene	95-50-1		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2-Dichloroethane	107-06-2		ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---
1,2-Dichloropropane	78-87-5		ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---
1,3-Dichlorobenzene	541-73-1		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,4-Dichlorobenzene	106-46-7		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
2-Butanone (MEK)	78-93-3		ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
2-Hexanone	591-78-6		ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
4-Methyl-2-pentanone (MIBK)	108-10-1		ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Acetone	67-64-1		ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Benzene	71-43-2		ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Bromoform	75-25-2		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Bromomethane	74-83-9		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Carbon disulfide	75-15-0		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Carbon tetrachloride	56-23-5		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorobenzene	108-90-7		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorobromomethane	74-97-5		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorodibromomethane	124-48-1		ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---
Chloroethane	75-00-3		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chloroform	67-66-3		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chloromethane	74-87-3		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
cis-1,2-Dichloroethene	156-59-2		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
cis-1,3-Dichloropropene	10061-01-5		ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Cyclohexane	110-82-7		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Dichlorobromomethane	75-27-4		ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---
Dichlorodifluoromethane	75-71-8		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Ethylbenzene	100-41-4		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Isopropylbenzene	98-82-8		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methyl acetate	79-20-9		ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Methyl tert-butyl ether	1634-04-4		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methylcyclohexane	108-87-2		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methylene Chloride	75-09-2		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Styrene	100-42-5		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Tetrachloroethene	127-18-4		ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---
Toluene	108-88-3		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
trans-1,2-Dichloroethene	156-60-5		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
trans-1,3-Dichloropropene	10061-02-6		ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Trichloroethene	79-01-6		ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---
Trichlorofluoromethane	75-69-4		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Xylenes, Total	1330-20-7		ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---

Analytical Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321063-1

		Sample Name:	SW-PAB-02-022525				SW-PAB-03-022525				SW-NOB-01-022525				SW-PMB-01-022525				SW-MRB-00-022525				SW-SP-01-022525			
		Lab Sample ID:	46032106315				46032106316				46032106317				46032106318				46032106319				4603210632			
		Sample Date:	2/25/2025				2/25/2025				2/25/2025				2/25/2025				2/25/2025				2/25/2025			
	Analyte	Cas No.	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
OSW-8260DSIM																										
	1,2,3-Trichloropropane	96-18-4	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---
	1,2-Dibromo-3-Chloropropane	96-12-8	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Ethylene Dibromide	106-93-4	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Vinyl chloride	75-01-4	ND	0.035	ug/l	---	ND	0.035	ug/l	---	ND	0.035	ug/l	---	ND	0.035	ug/l	---	ND	0.035	ug/l	---	ND	0.035	ug/l	---
GC/MS SVOC																										
OSW-8270E																										
	1,4-Dioxane	123-91-1	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
Metals																										
OSW-6020B																										
	Arsenic	7440-38-2	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
	Arsenic - Dissolved	7440-38-2	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
	Lead	7439-92-1	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---
	Lead - Dissolved	7439-92-1	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---

Analytical Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321063-1

		Sample Name:	SW-MRB-01-022525				SW-PMB-02-022525				SW-11-022525				SW-MRB-02-022525				SW-MRB-03-022525				SW-NOB-02-022525			
		Lab Sample ID:	46032106320				46032106321				46032106322				4603210633				4603210634				4603210635			
		Sample Date:	2/25/2025				2/25/2025				2/25/2025				2/25/2025				2/25/2025				2/25/2025			
Analyte	Cas No.		Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
GC/MS VOC																										
OSW-8260D																										
1,1,1-Trichloroethane	71-55-6		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1,2,2-Tetrachloroethane	79-34-5		ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1,2-Trichloroethane	79-00-5		ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---
1,1-Dichloroethane	75-34-3		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1-Dichloroethene	75-35-4		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2,3-Trichlorobenzene	87-61-6		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2,4-Trichlorobenzene	120-82-1		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2-Dichlorobenzene	95-50-1		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2-Dichloroethane	107-06-2		ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---
1,2-Dichloropropane	78-87-5		ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---
1,3-Dichlorobenzene	541-73-1		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,4-Dichlorobenzene	106-46-7		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
2-Butanone (MEK)	78-93-3		ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
2-Hexanone	591-78-6		ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
4-Methyl-2-pentanone (MIBK)	108-10-1		ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Acetone	67-64-1		ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	6.1	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Benzene	71-43-2		ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Bromoform	75-25-2		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Bromomethane	74-83-9		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Carbon disulfide	75-15-0		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Carbon tetrachloride	56-23-5		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorobenzene	108-90-7		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorobromomethane	74-97-5		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorodibromomethane	124-48-1		ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---
Chloroethane	75-00-3		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chloroform	67-66-3		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chloromethane	74-87-3		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
cis-1,2-Dichloroethene	156-59-2		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
cis-1,3-Dichloropropene	10061-01-5		ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Cyclohexane	110-82-7		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Dichlorobromomethane	75-27-4		ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---
Dichlorodifluoromethane	75-71-8		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Ethylbenzene	100-41-4		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Isopropylbenzene	98-82-8		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methyl acetate	79-20-9		ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Methyl tert-butyl ether	1634-04-4		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methylcyclohexane	108-87-2		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methylene Chloride	75-09-2		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Styrene	100-42-5		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Tetrachloroethene	127-18-4		ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---
Toluene	108-88-3		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
trans-1,2-Dichloroethene	156-60-5		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
trans-1,3-Dichloropropene	10061-02-6		ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Trichloroethene	79-01-6		ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---
Trichlorofluoromethane	75-69-4		ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Xylenes, Total	1330-20-7		ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---

Analytical Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321063-1

		Sample Name:	SW-MRB-01-022525				SW-PMB-02-022525				SW-11-022525				SW-MRB-02-022525				SW-MRB-03-022525				SW-NOB-02-022525			
		Lab Sample ID:	46032106320				46032106321				46032106322				4603210633				4603210634				4603210635			
		Sample Date:	2/25/2025				2/25/2025				2/25/2025				2/25/2025				2/25/2025				2/25/2025			
	Analyte	Cas No.	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
OSW-8260DSIM																										
	1,2,3-Trichloropropane	96-18-4	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---
	1,2-Dibromo-3-Chloropropane	96-12-8	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Ethylene Dibromide	106-93-4	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Vinyl chloride	75-01-4	ND	0.035	ug/l	---	ND	0.035	ug/l	---	ND	0.035	ug/l	---	ND	0.035	ug/l	---	ND	0.035	ug/l	---	ND	0.035	ug/l	---
GC/MS SVOC																										
OSW-8270E																										
	1,4-Dioxane	123-91-1	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
Metals																										
OSW-6020B																										
	Arsenic	7440-38-2	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
	Arsenic - Dissolved	7440-38-2	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
	Lead	7439-92-1	0.87	1.2	ug/l	J	0.71	1.2	ug/l	J	ND	1.2	ug/l	---	0.64	1.2	ug/l	J	ND	1.2	ug/l	---	ND	1.2	ug/l	---
	Lead - Dissolved	7439-92-1	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---

Analytical Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321063-1

		Sample Name:	SW-03-022525				SW-04-022525				Field Blank-01-022525				Trip Blank-01-022525			
		Lab Sample ID:	4603210636				4603210637				4603210638				4603210639			
		Sample Date:	2/25/2025				2/25/2025				2/25/2025				2/25/2025			
Analyte	Cas No.	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
GC/MS VOC																	
OSW-8260D																	
1,1,1-Trichloroethane	71-55-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1,2,2-Tetrachloroethane	79-34-5	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1,2-Trichloroethane	79-00-5	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---
1,1-Dichloroethane	75-34-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1-Dichloroethene	75-35-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2,3-Trichlorobenzene	87-61-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2,4-Trichlorobenzene	120-82-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2-Dichlorobenzene	95-50-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2-Dichloroethane	107-06-2	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---
1,2-Dichloropropane	78-87-5	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---
1,3-Dichlorobenzene	541-73-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,4-Dichlorobenzene	106-46-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
2-Butanone (MEK)	78-93-3	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
2-Hexanone	591-78-6	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
4-Methyl-2-pentanone (MIBK)	108-10-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Acetone	67-64-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Benzene	71-43-2	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Bromoform	75-25-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Bromomethane	74-83-9	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Carbon disulfide	75-15-0	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Carbon tetrachloride	56-23-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorobenzene	108-90-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorobromomethane	74-97-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorodibromomethane	124-48-1	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---
Chloroethane	75-00-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chloroform	67-66-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chloromethane	74-87-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	0.45	1.0	ug/l	J
cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
cis-1,3-Dichloropropene	10061-01-5	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Cyclohexane	110-82-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Dichlorobromomethane	75-27-4	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---
Dichlorodifluoromethane	75-71-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Ethylbenzene	100-41-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Isopropylbenzene	98-82-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methyl acetate	79-20-9	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Methyl tert-butyl ether	1634-04-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methylcyclohexane	108-87-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methylene Chloride	75-09-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Styrene	100-42-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Tetrachloroethene	127-18-4	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---
Toluene	108-88-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
trans-1,3-Dichloropropene	10061-02-6	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Trichloroethene	79-01-6	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---
Trichlorofluoromethane	75-69-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Xylenes, Total	1330-20-7	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---

Analytical Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321063-1

		Sample Name:	SW-03-022525				SW-04-022525				Field Blank-01-022525				Trip Blank-01-022525			
		Lab Sample ID:	4603210636				4603210637				4603210638				4603210639			
		Sample Date:	2/25/2025				2/25/2025				2/25/2025				2/25/2025			
	Analyte	Cas No.	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
OSW-8260DSIM																		
	1,2,3-Trichloropropane	96-18-4	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---
	1,2-Dibromo-3-Chloropropane	96-12-8	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Ethylene Dibromide	106-93-4	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Vinyl chloride	75-01-4	ND	0.035	ug/l	---	ND	0.035	ug/l	---	ND	0.035	ug/l	---	ND	0.035	ug/l	---
GC/MS SVOC																		
OSW-8270E																		
	1,4-Dioxane	123-91-1	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---				
Metals																		
OSW-6020B																		
	Arsenic	7440-38-2	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---				
	Arsenic - Dissolved	7440-38-2	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---				
	Lead	7439-92-1	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---				
	Lead - Dissolved	7439-92-1	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---				

DATA VERIFICATION REPORT

March 13, 2025

Robert Schellberg
Tetratech/Cornerstone Environment Group
100 Crystal Run Road
Suite 100
Middletown, NY 10941

CADENA project ID: E203361
Project: Ford Ringwood Mines Project
Project number: RINGWOOD MINES
Event Specific Scope of Work References: Sample COC
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory submittal: 321140-1
Sample date: 2025-02-26
Report received by CADENA: 2025-03-13
Initial Data Verification completed by CADENA: 2025-03-13
Number of Samples:18
Sample Matrices: Water and trip blank
Test Categories: GCMS VOC, GCMS SVOC and total and dissolved Metals
Please see attached criteria report or sample result/qualified analytical result summary for qualifier flags assigned to sample data.

The following minor QC exceptions or missing information were noted:

MSD - MS and MSD recovery outliers or one recovery and the MS/MSD RPD were outliers with the recovery biased LOW for these analytes. Results for the client sample spiked only should be considered estimated and qualified with a J flag if detected and UJ flags if non-detect for these analytes: GCMS VOC sample -02 - CHLOROETHANE - J flag.

DISSOLVED METALS containers were not filtered in the field within 15 minutes of collection but were filtered after receipt at the lab. Associated dissolved metals results may be unsuitable for compliance monitoring as filtration in the lab may not accurately reflect dissolved metals concentrations in the water at the time of sampling.

LCS recoveries were outliers biased HIGH for these tests and analytes (or one LCS and the associated LCS/LCSD RPD). All associated client sample results were non-detect for these analytes so were not affected by the high bias and qualification was not required: GCMS VOC QC batch 1024769 - chloroethane, methyl acetate.

LCS or LCSD recoveries, but not both, or LCS/LCSD RPD only were outliers so client sample results were not qualified based on these QC outliers alone: GCMS VOC QC batch 1024769 - RPD outlier only - 1,1-dichloroethylene, 112-trichloro-122-trifluoroethane, MTBE, trichlorofluoromethane.

MS or MSD recoveries but not both or RPD only were outliers for the following analytes so results for the client sample spiked were not qualified based on these QC outliers alone: GCMS VOC sample -02 - cyclohexane.

MS and MSD recovery outliers or one recovery and the MS/MSD RPD were outliers with the recovery biased HIGH for these analytes. Client sample results spiked as noted below were non-detect so qualification was not required based on these high bias QC outliers: GCMS VOC-SIM sample -02 - ethylene dibromide.

GCMS VOC CCV STANDARD response outliers as noted in the laboratory submittal case narrative were not used to qualify client sample results as part of this level 2 data package verification review.

Sample/MS/MSD Surrogate Recovery, Blank/LCS Surrogate Recovery, LCS/LCD Recovery, LCS/LCD RPD, MS/MSD Recovery, MS/MSD RPD, Blank Contamination and Hold Time Exception were reviewed as part of our verification.

Data verification for the report specified above was completed using the Ford Motor Company Environmental Laboratory Technical Specification, the CADENA Standard Operating Procedure for the Verification of Environmental Analytical Data and the associated analytical methods as references for evaluating the batch QC, sample data and report content. The EPA National Functional Guidelines for validating organic and inorganic data were used as guidance when addressing out of control QC results and the associated data qualifiers.

Analytical results reported between RDL and MDL are flagged 'J' and considered estimated values.

Qualifiers added during verification have been added to the electronic data which is available for download from the CADENA CLMS. Refer to the attached table of analytical results that have been qualified during verification.

The definitions of the qualifiers used for this data package are defined in the analytical report. CADENA valid qualifiers are defined in the table below. To view and download a PDF copy of the laboratory analytical report access the CADENA CLMS at http://clms.cadenaco.com/index.cfm.

Please contact me if you have any questions.

Sincerely,

Jim Tomalia

Project Scientist

CADENA Inc, 1099 Highland Drive, Suite E, Ann Arbor, MI 48108 517-819-0356

CADENA Valid Qualifiers

Valid Qualifiers	Description
<	Less than the reported concentration.
>	Greater than the reported concentration.
B	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was greater than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the reported concentration. For Inorganic methods the sample concentration was greater than the RDL and less than 10x the blank concentration and is considered non-detect at the reported concentration.
E	The analyte / Compound reported exceeds the calibration range and is considered estimated.
EMPC	Estimated Minimum Potential Contamination - Dioxin/Furan analyses only.
J	Indicates an estimated value. This flag is used either when estimating a concentration for a tentatively identified compound or when the data indicates the presence of an analyte / compound but the result is less than the sample Quantitation limit, but greater than zero. The flag is also used in data validation to indicate a reported value should be considered estimated due to associated quality assurance deficiencies.
J-	The result is an estimated quantity, but the result may be biased low.
JB	NON-DETECT AT THE CONCENTRATION REPORTED AND ESTIMATED
JH	The sample result is considered estimated and is potentially biased high.
JL	The sample result is considered estimated and is potentially biased low.
JUB	NON-DETECT AT THE REPORTING LIMIT AND ESTIMATED
NJ	Tentatively identified compound with approximated concentration.
R	Indicates the value is considered to be unusable. (Note: The analyte / compound may or may not be present.)
TNTC	Too Numerous to Count - Asbestos and Microbiological Results.
U	Indicates that the analyte / compound was analyzed for, but not detected.
UB	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was less than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the RDL. For Inorganic methods the sample concentration was less than the RDL and less than 10x the blank concentration and is considered non-detect at the RDL.
UJ	The analyte / compound was not detected above the reported sample Quantitation limit. However, the Quantitation limit is considered to be approximate due to associated quality assurance results and may or may not represent the actual limit of Quantitation to accurately and precisely report the analyte in the sample.

SAMPLING AND ANALYSIS SUMMARY

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC-Edison
Laboratory Submittal: 321140-1

Lab Sample ID	Sample ID	Collection Date (mm/yy/dd)	Collection Time (hh:mm:ss)	GCMS VOC	GCMS VOC SIM	GCMS SVOC 2018	METALS BY ICPMS(D)	METALS BY ICPMS
4603211401	OB-31-022625	2/26/2025	12:05:00	X	X	X	X	X
46032114010	RW-3-(77-87)-022625	2/26/2025	1:20:00	X	X	X	X	X
46032114011	RW-11D-(262-267)-022625	2/26/2025	2:15:00	X	X	X	X	X
46032114012	RW-11S-(236-241)-022625	2/26/2025	2:45:00	X	X	X	X	X
46032114013	Trip Blank-02-022625	2/26/2025	12:00:00	X	X			
46032114014	OB-17-022625	2/26/2025	9:50:00	X	X	X	X	X
46032114015	OB-16-022625	2/26/2025	11:10:00	X	X	X	X	X
46032114016	OB-14A-022625	2/26/2025	12:45:00	X	X	X	X	X
46032114017	OB-24-022625	2/26/2025	2:00:00	X	X	X	X	X
46032114018	RW-16-022625	2/26/2025	3:00:00	X	X	X	X	X
4603211402	OB-27-022625	2/26/2025	1:25:00	X	X	X	X	X
4603211403	OB-19-022625	2/26/2025	10:50:00	X	X	X	X	X
4603211404	RW-5-022625	2/26/2025	9:55:00	X	X	X	X	X
4603211405	DUP-02-022625	2/26/2025	12:00:00	X	X	X	X	X
4603211406	RW-14S-(135-153)-022625	2/26/2025	11:20:00	X	X	X	X	X
4603211407	RW-14D-(175-185)-022625	2/26/2025	11:45:00	X	X	X	X	X
4603211408	RW-3DS-(155-160)-022625	2/26/2025	12:15:00	X	X	X	X	X
4603211409	RW-3DD-(175-180)-022625	2/26/2025	12:40:00	X	X	X	X	X

Qualified Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321140-1

Sample Name: OB-27-022625
Lab Sample ID: 4603211402
Sample Date: 2/26/2025

Analyte	Cas No.	Result	Report Limit	Units	Valid Qualifier
GC/MS VOC					
OSW-8260D					
Chloroethane	75-00-3	52	1.0	ug/l	J

Analytical Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321140-1

		Sample Name:	OB-31-022625				RW-3-(77-87)-022625				RW-11D-(262-267)-022625				RW-11S-(236-241)-022625			
		Lab Sample ID:	4603211401				46032114010				46032114011				46032114012			
		Sample Date:	2/26/2025				2/26/2025				2/26/2025				2/26/2025			
	Analyte	Cas No.	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
GC/MS VOC																		
	OSW-8260D																	
	1,1,1-Trichloroethane	71-55-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1,2,2-Tetrachloroethane	79-34-5	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1,2-Trichloroethane	79-00-5	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---
	1,1-Dichloroethane	75-34-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1-Dichloroethene	75-35-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2,3-Trichlorobenzene	87-61-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2,4-Trichlorobenzene	120-82-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2-Dichlorobenzene	95-50-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2-Dichloroethane	107-06-2	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---
	1,2-Dichloropropane	78-87-5	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---
	1,3-Dichlorobenzene	541-73-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,4-Dichlorobenzene	106-46-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	0.65	1.0	ug/l	J	ND	1.0	ug/l	---
	2-Butanone (MEK)	78-93-3	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	2-Hexanone	591-78-6	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	4-Methyl-2-pentanone (MIBK)	108-10-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Acetone	67-64-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Benzene	71-43-2	ND	0.45	ug/l	---	ND	0.45	ug/l	---	11	0.45	ug/l	---	0.31	0.45	ug/l	J
	Bromoform	75-25-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Bromomethane	74-83-9	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Carbon disulfide	75-15-0	ND	1.0	ug/l	---	ND	1.0	ug/l	---	10	1.0	ug/l	---	ND	1.0	ug/l	---
	Carbon tetrachloride	56-23-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorobenzene	108-90-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	5.0	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorobromomethane	74-97-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorodibromomethane	124-48-1	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---
	Chloroethane	75-00-3	2.4	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chloroform	67-66-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chloromethane	74-87-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	cis-1,3-Dichloropropene	10061-01-5	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Cyclohexane	110-82-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	0.34	1.0	ug/l	J	ND	1.0	ug/l	---
	Dichlorobromomethane	75-27-4	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---
	Dichlorodifluoromethane	75-71-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Ethylbenzene	100-41-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Isopropylbenzene	98-82-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---	1.1	1.0	ug/l	---	ND	1.0	ug/l	---
	Methyl acetate	79-20-9	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Methyl tert-butyl ether	1634-04-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Methylcyclohexane	108-87-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Methylene Chloride	75-09-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Styrene	100-42-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Tetrachloroethene	127-18-4	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---
	Toluene	108-88-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	trans-1,3-Dichloropropene	10061-02-6	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Trichloroethene	79-01-6	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---
	Trichlorofluoromethane	75-69-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Xylenes, Total	1330-20-7	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
	OSW-8260DSIM																	
	1,2,3-Trichloropropane	96-18-4	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---
	1,2-Dibromo-3-Chloropropane	96-12-8	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Ethylene Dibromide	106-93-4	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Vinyl chloride	75-01-4	0.012	0.035	ug/l	J	0.0092	0.035	ug/l	J	0.023	0.035	ug/l	J	ND	0.035	ug/l	---
GC/MS SVOC																		
	OSW-8270E																	
	1,4-Dioxane	123-91-1	0.68	0.20	ug/l	---	12	0.20	ug/l	---	58	0.20	ug/l	---	2.3	0.20	ug/l	---
Metals																		
	OSW-6020B																	
	Arsenic	7440-38-2	25.0	2.0	ug/l	---	ND	2.0	ug/l	---	1.2	2.0	ug/l	J	ND	2.0	ug/l	---
	Arsenic - Dissolved	7440-38-2	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
	Lead	7439-92-1	0.61	1.2	ug/l	J	1.3	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---
	Lead - Dissolved	7439-92-1	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---

Analytical Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321140-1

		Sample Name:	Trip Blank-02-022625				OB-17-022625				OB-16-022625				OB-14A-022625			
		Lab Sample ID:	46032114013				46032114014				46032114015				46032114016			
		Sample Date:	2/26/2025				2/26/2025				2/26/2025				2/26/2025			
	Analyte	Cas No.	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
GC/MS VOC																		
	OSW-8260D																	
	1,1,1-Trichloroethane	71-55-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1,2,2-Tetrachloroethane	79-34-5	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1,2-Trichloroethane	79-00-5	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---
	1,1-Dichloroethane	75-34-3	ND	1.0	ug/l	---	0.39	1.0	ug/l	J	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1-Dichloroethene	75-35-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2,3-Trichlorobenzene	87-61-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2,4-Trichlorobenzene	120-82-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2-Dichlorobenzene	95-50-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2-Dichloroethane	107-06-2	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---
	1,2-Dichloropropane	78-87-5	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---
	1,3-Dichlorobenzene	541-73-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,4-Dichlorobenzene	106-46-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	2-Butanone (MEK)	78-93-3	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	2-Hexanone	591-78-6	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	4-Methyl-2-pentanone (MIBK)	108-10-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Acetone	67-64-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Benzene	71-43-2	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Bromoform	75-25-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Bromomethane	74-83-9	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Carbon disulfide	75-15-0	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Carbon tetrachloride	56-23-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorobenzene	108-90-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorobromomethane	74-97-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorodibromomethane	124-48-1	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---
	Chloroethane	75-00-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chloroform	67-66-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chloromethane	74-87-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	cis-1,3-Dichloropropene	10061-01-5	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Cyclohexane	110-82-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Dichlorobromomethane	75-27-4	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---
	Dichlorodifluoromethane	75-71-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Ethylbenzene	100-41-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Isopropylbenzene	98-82-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Methyl acetate	79-20-9	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Methyl tert-butyl ether	1634-04-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Methylcyclohexane	108-87-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Methylene Chloride	75-09-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Styrene	100-42-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Tetrachloroethene	127-18-4	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---
	Toluene	108-88-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	trans-1,3-Dichloropropene	10061-02-6	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Trichloroethene	79-01-6	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---
	Trichlorofluoromethane	75-69-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Xylenes, Total	1330-20-7	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
	OSW-8260DSIM																	
	1,2,3-Trichloropropane	96-18-4	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---
	1,2-Dibromo-3-Chloropropane	96-12-8	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Ethylene Dibromide	106-93-4	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Vinyl chloride	75-01-4	ND	0.035	ug/l	---	ND	0.035	ug/l	---	ND	0.035	ug/l	---	ND	0.035	ug/l	---
GC/MS SVOC																		
	OSW-8270E																	
	1,4-Dioxane	123-91-1					7.1	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
Metals																		
	OSW-6020B																	
	Arsenic	7440-38-2					1.2	2.0	ug/l	J	9.9	2.0	ug/l	---	1.5	2.0	ug/l	J
	Arsenic - Dissolved	7440-38-2					ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
	Lead	7439-92-1					ND	1.2	ug/l	---	ND	1.2	ug/l	---	1.8	1.2	ug/l	---
	Lead - Dissolved	7439-92-1					ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---

Analytical Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321140-1

		Sample Name:	OB-24-022625				RW-16-022625				OB-27-022625				OB-19-022625			
		Lab Sample ID:	46032114017				46032114018				4603211402				4603211403			
		Sample Date:	2/26/2025				2/26/2025				2/26/2025				2/26/2025			
	Analyte	Cas No.	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
GC/MS VOC																		
	OSW-8260D																	
	1,1,1-Trichloroethane	71-55-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1,2,2-Tetrachloroethane	79-34-5	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1,2-Trichloroethane	79-00-5	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---
	1,1-Dichloroethane	75-34-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1-Dichloroethene	75-35-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2,3-Trichlorobenzene	87-61-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2,4-Trichlorobenzene	120-82-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2-Dichlorobenzene	95-50-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2-Dichloroethane	107-06-2	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---
	1,2-Dichloropropane	78-87-5	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---
	1,3-Dichlorobenzene	541-73-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,4-Dichlorobenzene	106-46-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	2-Butanone (MEK)	78-93-3	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	2-Hexanone	591-78-6	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	4-Methyl-2-pentanone (MIBK)	108-10-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Acetone	67-64-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Benzene	71-43-2	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	0.96	0.45	ug/l	---
	Bromoform	75-25-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Bromomethane	74-83-9	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Carbon disulfide	75-15-0	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Carbon tetrachloride	56-23-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorobenzene	108-90-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorobromomethane	74-97-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorodibromomethane	124-48-1	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---
	Chloroethane	75-00-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	52	1.0	ug/l	J	5.1	1.0	ug/l	---
	Chloroform	67-66-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chloromethane	74-87-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	0.33	1.0	ug/l	J	ND	1.0	ug/l	---
	cis-1,3-Dichloropropene	10061-01-5	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Cyclohexane	110-82-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	1.3	1.0	ug/l	---	ND	1.0	ug/l	---
	Dichlorobromomethane	75-27-4	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---
	Dichlorodifluoromethane	75-71-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Ethylbenzene	100-41-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Isopropylbenzene	98-82-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---	2.4	1.0	ug/l	---	0.76	1.0	ug/l	J
	Methyl acetate	79-20-9	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Methyl tert-butyl ether	1634-04-4	0.55	1.0	ug/l	J	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Methylcyclohexane	108-87-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	0.90	1.0	ug/l	J	ND	1.0	ug/l	---
	Methylene Chloride	75-09-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Styrene	100-42-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Tetrachloroethene	127-18-4	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---
	Toluene	108-88-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	trans-1,3-Dichloropropene	10061-02-6	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Trichloroethene	79-01-6	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---
	Trichlorofluoromethane	75-69-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Xylenes, Total	1330-20-7	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
	OSW-8260DSIM																	
	1,2,3-Trichloropropane	96-18-4	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---
	1,2-Dibromo-3-Chloropropane	96-12-8	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Ethylene Dibromide	106-93-4	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Vinyl chloride	75-01-4	ND	0.035	ug/l	---	ND	0.035	ug/l	---	0.039	0.035	ug/l	---	0.027	0.035	ug/l	J
GC/MS SVOC																		
	OSW-8270E																	
	1,4-Dioxane	123-91-1	ND	0.20	ug/l	---	ND	0.20	ug/l	---	3.4	0.20	ug/l	---	2.3	0.20	ug/l	---
Metals																		
	OSW-6020B																	
	Arsenic	7440-38-2	ND	2.0	ug/l	---	ND	2.0	ug/l	---	38.1	2.0	ug/l	---	ND	2.0	ug/l	---
	Arsenic - Dissolved	7440-38-2	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
	Lead	7439-92-1	0.47	1.2	ug/l	J	ND	1.2	ug/l	---	0.60	1.2	ug/l	J	0.81	1.2	ug/l	J
	Lead - Dissolved	7439-92-1	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---

Analytical Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321140-1

		Sample Name:	RW-5-022625				DUP-02-022625				RW-14S-(135-153)-022625				RW-14D-(175-185)-022625			
		Lab Sample ID:	4603211404				4603211405				4603211406				4603211407			
		Sample Date:	2/26/2025				2/26/2025				2/26/2025				2/26/2025			
	Analyte	Cas No.	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
GC/MS VOC																		
	OSW-8260D																	
	1,1,1-Trichloroethane	71-55-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1,2,2-Tetrachloroethane	79-34-5	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1,2-Trichloroethane	79-00-5	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---
	1,1-Dichloroethane	75-34-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1-Dichloroethene	75-35-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2,3-Trichlorobenzene	87-61-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2,4-Trichlorobenzene	120-82-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2-Dichlorobenzene	95-50-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2-Dichloroethane	107-06-2	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---
	1,2-Dichloropropane	78-87-5	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---
	1,3-Dichlorobenzene	541-73-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,4-Dichlorobenzene	106-46-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	2-Butanone (MEK)	78-93-3	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	2-Hexanone	591-78-6	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	4-Methyl-2-pentanone (MIBK)	108-10-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Acetone	67-64-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Benzene	71-43-2	ND	0.45	ug/l	---	1.0	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Bromoform	75-25-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Bromomethane	74-83-9	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Carbon disulfide	75-15-0	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Carbon tetrachloride	56-23-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorobenzene	108-90-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorobromomethane	74-97-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorodibromomethane	124-48-1	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---
	Chloroethane	75-00-3	ND	1.0	ug/l	---	5.1	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chloroform	67-66-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chloromethane	74-87-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	cis-1,3-Dichloropropene	10061-01-5	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Cyclohexane	110-82-7	ND	1.0	ug/l	---	0.58	1.0	ug/l	J	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Dichlorobromomethane	75-27-4	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---
	Dichlorodifluoromethane	75-71-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Ethylbenzene	100-41-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Isopropylbenzene	98-82-8	ND	1.0	ug/l	---	0.75	1.0	ug/l	J	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Methyl acetate	79-20-9	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Methyl tert-butyl ether	1634-04-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Methylcyclohexane	108-87-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Methylene Chloride	75-09-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Styrene	100-42-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Tetrachloroethene	127-18-4	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---
	Toluene	108-88-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	trans-1,3-Dichloropropene	10061-02-6	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Trichloroethene	79-01-6	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---
	Trichlorofluoromethane	75-69-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Xylenes, Total	1330-20-7	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
	OSW-8260DSIM																	
	1,2,3-Trichloropropane	96-18-4	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---
	1,2-Dibromo-3-Chloropropane	96-12-8	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Ethylene Dibromide	106-93-4	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Vinyl chloride	75-01-4	ND	0.035	ug/l	---	0.028	0.035	ug/l	J	0.014	0.035	ug/l	J	0.047	0.035	ug/l	---
GC/MS SVOC																		
	OSW-8270E																	
	1,4-Dioxane	123-91-1	4.9	0.20	ug/l	---	2.2	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
Metals																		
	OSW-6020B																	
	Arsenic	7440-38-2	7.1	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	1.2	2.0	ug/l	J
	Arsenic - Dissolved	7440-38-2	5.9	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	1.3	2.0	ug/l	---
	Lead	7439-92-1	2.1	1.2	ug/l	---	0.70	1.2	ug/l	J	ND	1.2	ug/l	---	ND	1.2	ug/l	---
	Lead - Dissolved	7439-92-1	0.51	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---

Analytical Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321140-1

		Sample Name:	RW-3DS-(155-160)-022625				RW-3DD-(175-180)-022625			
		Lab Sample ID:	4603211408				4603211409			
		Sample Date:	2/26/2025				2/26/2025			
	Analyte	Cas No.	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
GC/MS VOC										
OSW-8260D										
	1,1,1-Trichloroethane	71-55-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1,2,2-Tetrachloroethane	79-34-5	ND	0.20	ug/l	---	ND	0.20	ug/l	---
	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1,2-Trichloroethane	79-00-5	ND	0.58	ug/l	---	ND	0.58	ug/l	---
	1,1-Dichloroethane	75-34-3	2.0	1.0	ug/l	---	1.3	1.0	ug/l	---
	1,1-Dichloroethene	75-35-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2,3-Trichlorobenzene	87-61-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2,4-Trichlorobenzene	120-82-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2-Dichlorobenzene	95-50-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2-Dichloroethane	107-06-2	ND	0.30	ug/l	---	ND	0.30	ug/l	---
	1,2-Dichloropropane	78-87-5	ND	0.92	ug/l	---	ND	0.92	ug/l	---
	1,3-Dichlorobenzene	541-73-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,4-Dichlorobenzene	106-46-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	2-Butanone (MEK)	78-93-3	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	2-Hexanone	591-78-6	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	4-Methyl-2-pentanone (MIBK)	108-10-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Acetone	67-64-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Benzene	71-43-2	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Bromoform	75-25-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Bromomethane	74-83-9	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Carbon disulfide	75-15-0	13	1.0	ug/l	---	2.2	1.0	ug/l	---
	Carbon tetrachloride	56-23-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorobenzene	108-90-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorobromomethane	74-97-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorodibromomethane	124-48-1	ND	0.78	ug/l	---	ND	0.78	ug/l	---
	Chloroethane	75-00-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chloroform	67-66-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chloromethane	74-87-3	0.43	1.0	ug/l	J	ND	1.0	ug/l	---
	cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	cis-1,3-Dichloropropene	10061-01-5	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Cyclohexane	110-82-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Dichlorobromomethane	75-27-4	ND	0.98	ug/l	---	ND	0.98	ug/l	---
	Dichlorodifluoromethane	75-71-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Ethylbenzene	100-41-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Isopropylbenzene	98-82-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Methyl acetate	79-20-9	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Methyl tert-butyl ether	1634-04-4	0.42	1.0	ug/l	J	ND	1.0	ug/l	---
	Methylcyclohexane	108-87-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Methylene Chloride	75-09-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Styrene	100-42-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Tetrachloroethene	127-18-4	ND	0.40	ug/l	---	ND	0.40	ug/l	---
	Toluene	108-88-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	trans-1,3-Dichloropropene	10061-02-6	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Trichloroethene	79-01-6	ND	0.28	ug/l	---	ND	0.28	ug/l	---
	Trichlorofluoromethane	75-69-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Xylenes, Total	1330-20-7	ND	2.0	ug/l	---	ND	2.0	ug/l	---
OSW-8260DSIM										
	1,2,3-Trichloropropane	96-18-4	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---
	1,2-Dibromo-3-Chloropropane	96-12-8	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Ethylene Dibromide	106-93-4	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Vinyl chloride	75-01-4	0.053	0.035	ug/l	---	0.036	0.035	ug/l	---
GC/MS SVOC										
OSW-8270E										
	1,4-Dioxane	123-91-1	13	0.20	ug/l	---	11	0.20	ug/l	---
Metals										
OSW-6020B										
	Arsenic	7440-38-2	16.8	2.0	ug/l	---	5.8	2.0	ug/l	---
	Arsenic - Dissolved	7440-38-2	13.0	2.0	ug/l	---	6.3	2.0	ug/l	---
	Lead	7439-92-1	ND	1.2	ug/l	---	1.2	1.2	ug/l	---
	Lead - Dissolved	7439-92-1	ND	1.2	ug/l	---	ND	1.2	ug/l	---

DATA VERIFICATION REPORT

March 18, 2025

Tim Roeper
Tetratech
100 Crystal Run Road
Suite 100
Middletown, NY 10944

CADENA project ID: E203361
Project: Ford Ringwood Mines Project
Project number: RINGWOOD MINES
Event Specific Scope of Work References: Sample COC
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory submittal: 321264-1
Sample date: 2025-02-27 2025-02-28
Report received by CADENA: 2025-03-18
Initial Data Verification completed by CADENA: 2025-03-18
Number of Samples:22
Sample Matrices: Water and trip blank
Test Categories: GCMS VOC, GCMS SVOC and Metals
Please see attached criteria report or sample result/qualified analytical result summary for qualifier flags assigned to sample data.

The following minor QC exceptions or missing information were noted:

LCS or LCSD recoveries but not both or LCS/LCSD RPD only were outliers so client sample results were not qualified based on these QC outliers alone: GCMS VOC QC batch 1024626 - RPD only - bromomethane, methyl acetate. QC batch 1024560 - RPD only - bromomethane. GCMS VOC-SIM QC batch 1024981 - RPD only - ethylene dibromide. QC batch 1025129 and 1025428 - RPD only - 1,2,3-trichloropropane.

LCS recoveries were outliers biased HIGH for these tests and analytes (or one LCS and the associated LCS/LCSD RPD). All associated client sample results were non-detect for these analytes so were not affected by the high bias and qualification was not required: GCMS VOC QC batch 1024626 - chloroethane, methyl acetate. QC batch 1024560 - chloroethane.

DISSOLVED METALS containers were not filtered in the field within 15 minutes of collection but were filtered after receipt at the lab. Associated dissolved metals results may be unsuitable for compliance monitoring as filtration in the lab may not accurately reflect dissolved metals concentrations in the water at the time of sampling.

Sample/MS/MSD Surrogate Recovery, Blank/LCS Surrogate Recovery, LCS/LCD Recovery, LCS/LCD RPD, MS/MSD Recovery, Blank Contamination and Hold Time Exception were reviewed as part of our verification.

Data verification for the report specified above was completed using the Ford Motor Company Environmental Laboratory Technical Specification, the CADENA Standard Operating Procedure for the Verification of Environmental Analytical Data and the associated analytical methods as references for evaluating the batch QC, sample data and report content. The EPA National Functional Guidelines for validating organic and inorganic data were used as guidance when addressing out of control QC results and the associated data qualifiers.

Analytical results reported between RDL and MDL are flagged 'J' and considered estimated values.

The definitions of the qualifiers used for this data package are defined in the analytical report. CADENA valid qualifiers are defined in the table below. To view and download a PDF copy of the laboratory analytical report access the CADENA CLMS at http://clms.cadenaco.com/index.cfm.

Please contact me if you have any questions.

Sincerely,

Jim Tomalia

Project Scientist

CADENA Inc, 1099 Highland Drive, Suite E, Ann Arbor, MI 48108 517-819-0356

CADENA Valid Qualifiers

Valid Qualifiers	Description
<	Less than the reported concentration.
>	Greater than the reported concentration.
B	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was greater than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the reported concentration. For Inorganic methods the sample concentration was greater than the RDL and less than 10x the blank concentration and is considered non-detect at the reported concentration.
E	The analyte / Compound reported exceeds the calibration range and is considered estimated.
EMPC	Estimated Minimum Potential Contamination - Dioxin/Furan analyses only.
J	Indicates an estimated value. This flag is used either when estimating a concentration for a tentatively identified compound or when the data indicates the presence of an analyte / compound but the result is less than the sample Quantitation limit, but greater than zero. The flag is also used in data validation to indicate a reported value should be considered estimated due to associated quality assurance deficiencies.
J-	The result is an estimated quantity, but the result may be biased low.
JB	NON-DETECT AT THE CONCENTRATION REPORTED AND ESTIMATED
JH	The sample result is considered estimated and is potentially biased high.
JL	The sample result is considered estimated and is potentially biased low.
JUB	NON-DETECT AT THE REPORTING LIMIT AND ESTIMATED
NJ	Tentatively identified compound with approximated concentration.
R	Indicates the value is considered to be unusable. (Note: The analyte / compound may or may not be present.)
TNTC	Too Numerous to Count - Asbestos and Microbiological Results.
U	Indicates that the analyte / compound was analyzed for, but not detected.
UB	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was less than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the RDL. For Inorganic methods the sample concentration was less than the RDL and less than 10x the blank concentration and is considered non-detect at the RDL.
UJ	The analyte / compound was not detected above the reported sample Quantitation limit. However, the Quantitation limit is considered to be approximate due to associated quality assurance results and may or may not represent the actual limit of Quantitation to accurately and precisely report the analyte in the sample.

SAMPLING AND ANALYSIS SUMMARY

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC-Edison
Laboratory Submittal: 321264-1

Lab Sample ID	Sample ID	Collection Date (mm/yy/dd)	Collection Time (hh:mm:ss)	GCMS VOC	GCMS VOC SIM	GCMS SVOC 2018	METALS BY ICPMS(D)	METALS BY ICPMS
4603212641	OB-3-022725	2/27/2025	9:50:00	X	X	X	X	X
46032126410	Trip Blank-03-022725	2/27/2025	12:00:00	X	X			
46032126411	RW-2D-(452-462)-022725	2/27/2025	9:45:00	X	X	X	X	X
46032126412	RW-2S-(279-289)-022725	2/27/2025	10:15:00	X	X	X	X	X
46032126413	RW-12S-(55-65)-022725	2/27/2025	11:10:00	X	X	X	X	X
46032126414	RW-12D-(130-140)-022725	2/27/2025	11:45:00	X	X	X	X	X
46032126415	RW-10S-(120-130)-022725	2/27/2025	12:40:00	X	X	X	X	X
46032126416	RW-10D-(185-195)-022725	2/27/2025	1:15:00	X	X	X	X	X
46032126417	RW-9S-(139-149)-022725	2/27/2025	2:45:00	X	X	X	X	X
46032126418	RW-9D-(206-216)-022725	2/27/2025	2:00:00	X	X	X	X	X
46032126419	RW-8D-(204-214)-022825	2/28/2025	8:40:00	X	X	X	X	X
4603212642	OB-10-022725	2/27/2025	11:15:00	X	X	X	X	X
46032126420	RW-8S-(163-173)-022825	2/28/2025	9:20:00	X	X	X	X	X
46032126421	RW-15D-(127-137)-022825	2/28/2025	10:05:00	X	X	X	X	X
46032126422	RW-15S-(110-120)-022825	2/28/2025	10:40:00	X	X	X	X	X
4603212643	OB-29-022725	2/27/2025	12:40:00	X	X	X	X	X
4603212644	FB-03-022725	2/27/2025	1:00:00	X	X	X	X	X
4603212645	OB-11R-022725	2/27/2025	1:50:00	X	X	X	X	X
4603212646	OB-32-022725	2/27/2025	12:45:00	X	X	X	X	X
4603212647	RW-6A-022725	2/27/2025	11:35:00	X	X	X	X	X
4603212648	RW-6-022725	2/27/2025	10:30:00	X	X	X	X	X
4603212649	OB-20B-022725	2/27/2025	9:25:00	X	X	X	X	X

Analytical Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321264-1

		Sample Name:	OB-3-022725				Trip Blank-03-022725				RW-2D-(452-462)-022725				RW-2S-(279-289)-022725			
		Lab Sample ID:	4603212641				46032126410				46032126411				46032126412			
		Sample Date:	2/27/2025				2/27/2025				2/27/2025				2/27/2025			
	Analyte	Cas No.	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
GC/MS VOC																		
	OSW-8260D																	
	1,1,1-Trichloroethane	71-55-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1,2,2-Tetrachloroethane	79-34-5	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1,2-Trichloroethane	79-00-5	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---
	1,1-Dichloroethane	75-34-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1-Dichloroethene	75-35-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2,3-Trichlorobenzene	87-61-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2,4-Trichlorobenzene	120-82-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2-Dichlorobenzene	95-50-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2-Dichloroethane	107-06-2	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---
	1,2-Dichloropropane	78-87-5	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---
	1,3-Dichlorobenzene	541-73-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,4-Dichlorobenzene	106-46-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	2-Butanone (MEK)	78-93-3	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	2-Hexanone	591-78-6	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	4-Methyl-2-pentanone (MIBK)	108-10-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Acetone	67-64-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	14	5.0	ug/l	---	ND	5.0	ug/l	---
	Benzene	71-43-2	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Bromoform	75-25-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Bromomethane	74-83-9	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Carbon disulfide	75-15-0	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Carbon tetrachloride	56-23-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorobenzene	108-90-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	1.9	1.0	ug/l	---
	Chlorobromomethane	74-97-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorodibromomethane	124-48-1	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---
	Chloroethane	75-00-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chloroform	67-66-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chloromethane	74-87-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	cis-1,3-Dichloropropene	10061-01-5	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Cyclohexane	110-82-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Dichlorobromomethane	75-27-4	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---
	Dichlorodifluoromethane	75-71-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Ethylbenzene	100-41-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Isopropylbenzene	98-82-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Methyl acetate	79-20-9	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Methyl tert-butyl ether	1634-04-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	0.46	1.0	ug/l	J	0.55	1.0	ug/l	J
	Methylcyclohexane	108-87-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Methylene Chloride	75-09-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Styrene	100-42-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Tetrachloroethene	127-18-4	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---
	Toluene	108-88-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	0.48	1.0	ug/l	J	0.80	1.0	ug/l	J
	trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	trans-1,3-Dichloropropene	10061-02-6	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Trichloroethene	79-01-6	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---
	Trichlorofluoromethane	75-69-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Xylenes, Total	1330-20-7	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
	OSW-8260DSIM																	
	1,2,3-Trichloropropane	96-18-4	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---
	1,2-Dibromo-3-Chloropropane	96-12-8	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Ethylene Dibromide	106-93-4	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Vinyl chloride	75-01-4	ND	0.035	ug/l	---	ND	0.035	ug/l	---	0.14	0.035	ug/l	---	0.13	0.035	ug/l	---
GC/MS SVOC																		
	OSW-8270E																	
	1,4-Dioxane	123-91-1	ND	0.20	ug/l	---					0.62	0.20	ug/l	---	4.9	0.20	ug/l	---
Metals																		
	OSW-6020B																	
	Arsenic	7440-38-2	ND	2.0	ug/l	---					5.5	2.0	ug/l	---	2.1	2.0	ug/l	---
	Arsenic - Dissolved	7440-38-2	ND	2.0	ug/l	---					5.8	2.0	ug/l	---	3.1	2.0	ug/l	---
	Lead	7439-92-1	ND	1.2	ug/l	---					ND	1.2	ug/l	---	0.44	1.2	ug/l	J
	Lead - Dissolved	7439-92-1	ND	1.2	ug/l	---					ND	1.2	ug/l	---	ND	1.2	ug/l	---

Analytical Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321264-1

		Sample Name:	RW-12S-(55-65)-022725				RW-12D-(130-140)-022725				RW-10S-(120-130)-022725				RW-10D-(185-195)-022725			
		Lab Sample ID:	46032126413				46032126414				46032126415				46032126416			
		Sample Date:	2/27/2025				2/27/2025				2/27/2025				2/27/2025			
	Analyte	Cas No.	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
GC/MS VOC																		
	OSW-8260D																	
	1,1,1-Trichloroethane	71-55-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1,2,2-Tetrachloroethane	79-34-5	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1,2-Trichloroethane	79-00-5	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---
	1,1-Dichloroethane	75-34-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1-Dichloroethene	75-35-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2,3-Trichlorobenzene	87-61-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2,4-Trichlorobenzene	120-82-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2-Dichlorobenzene	95-50-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2-Dichloroethane	107-06-2	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---
	1,2-Dichloropropane	78-87-5	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---
	1,3-Dichlorobenzene	541-73-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,4-Dichlorobenzene	106-46-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	2-Butanone (MEK)	78-93-3	ND	5.0	ug/l	---	ND	5.0	ug/l	---	3.5	5.0	ug/l	J	ND	5.0	ug/l	---
	2-Hexanone	591-78-6	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	4-Methyl-2-pentanone (MIBK)	108-10-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Acetone	67-64-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	43	5.0	ug/l	---	9.4	5.0	ug/l	---
	Benzene	71-43-2	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Bromoform	75-25-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Bromomethane	74-83-9	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Carbon disulfide	75-15-0	0.95	1.0	ug/l	J	ND	1.0	ug/l	---	1.1	1.0	ug/l	---	0.92	1.0	ug/l	J
	Carbon tetrachloride	56-23-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorobenzene	108-90-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorobromomethane	74-97-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorodibromomethane	124-48-1	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---
	Chloroethane	75-00-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chloroform	67-66-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chloromethane	74-87-3	0.53	1.0	ug/l	J	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	cis-1,3-Dichloropropene	10061-01-5	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Cyclohexane	110-82-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Dichlorobromomethane	75-27-4	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---
	Dichlorodifluoromethane	75-71-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Ethylbenzene	100-41-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Isopropylbenzene	98-82-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Methyl acetate	79-20-9	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Methyl tert-butyl ether	1634-04-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Methylcyclohexane	108-87-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Methylene Chloride	75-09-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Styrene	100-42-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Tetrachloroethene	127-18-4	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---
	Toluene	108-88-3	0.62	1.0	ug/l	J	ND	1.0	ug/l	---	ND	1.0	ug/l	---	0.43	1.0	ug/l	J
	trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	trans-1,3-Dichloropropene	10061-02-6	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Trichloroethene	79-01-6	0.53	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---
	Trichlorofluoromethane	75-69-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Xylenes, Total	1330-20-7	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
	OSW-8260DSIM																	
	1,2,3-Trichloropropane	96-18-4	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---
	1,2-Dibromo-3-Chloropropane	96-12-8	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Ethylene Dibromide	106-93-4	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Vinyl chloride	75-01-4	ND	0.035	ug/l	---	ND	0.035	ug/l	---	0.059	0.035	ug/l	---	0.11	0.035	ug/l	---
GC/MS SVOC																		
	OSW-8270E																	
	1,4-Dioxane	123-91-1	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
Metals																		
	OSW-6020B																	
	Arsenic	7440-38-2	6.5	2.0	ug/l	---	11.2	2.0	ug/l	---	6.6	2.0	ug/l	---	5.6	2.0	ug/l	---
	Arsenic - Dissolved	7440-38-2	8.4	2.0	ug/l	---	8.5	2.0	ug/l	---	7.6	2.0	ug/l	---	5.2	2.0	ug/l	---
	Lead	7439-92-1	2.3	1.2	ug/l	---	4.2	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---
	Lead - Dissolved	7439-92-1	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---

Analytical Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321264-1

		Sample Name:	RW-9S-(139-149)-022725				RW-9D-(206-216)-022725				RW-8D-(204-214)-022825				OB-10-022725			
		Lab Sample ID:	46032126417				46032126418				46032126419				4603212642			
		Sample Date:	2/27/2025				2/27/2025				2/28/2025				2/27/2025			
	Analyte	Cas No.	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
GC/MS VOC																		
OSW-8260D																		
	1,1,1-Trichloroethane	71-55-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1,2,2-Tetrachloroethane	79-34-5	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1,2-Trichloroethane	79-00-5	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---
	1,1-Dichloroethane	75-34-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1-Dichloroethene	75-35-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2,3-Trichlorobenzene	87-61-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2,4-Trichlorobenzene	120-82-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2-Dichlorobenzene	95-50-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2-Dichloroethane	107-06-2	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---
	1,2-Dichloropropane	78-87-5	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---
	1,3-Dichlorobenzene	541-73-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,4-Dichlorobenzene	106-46-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	2-Butanone (MEK)	78-93-3	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	2-Hexanone	591-78-6	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	4-Methyl-2-pentanone (MIBK)	108-10-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Acetone	67-64-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Benzene	71-43-2	ND	0.45	ug/l	---	ND	0.45	ug/l	---	0.87	0.45	ug/l	---	ND	0.45	ug/l	---
	Bromoform	75-25-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Bromomethane	74-83-9	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Carbon disulfide	75-15-0	2.4	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Carbon tetrachloride	56-23-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorobenzene	108-90-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorobromomethane	74-97-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorodibromomethane	124-48-1	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---
	Chloroethane	75-00-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chloroform	67-66-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chloromethane	74-87-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	cis-1,3-Dichloropropene	10061-01-5	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Cyclohexane	110-82-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Dichlorobromomethane	75-27-4	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---
	Dichlorodifluoromethane	75-71-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Ethylbenzene	100-41-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Isopropylbenzene	98-82-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Methyl acetate	79-20-9	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Methyl tert-butyl ether	1634-04-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Methylcyclohexane	108-87-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Methylene Chloride	75-09-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Styrene	100-42-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Tetrachloroethene	127-18-4	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---
	Toluene	108-88-3	ND	1.0	ug/l	---	0.44	1.0	ug/l	J	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	trans-1,3-Dichloropropene	10061-02-6	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Trichloroethene	79-01-6	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---
	Trichlorofluoromethane	75-69-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Xylenes, Total	1330-20-7	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
OSW-8260DSIM																		
	1,2,3-Trichloropropane	96-18-4	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---
	1,2-Dibromo-3-Chloropropane	96-12-8	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Ethylene Dibromide	106-93-4	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Vinyl chloride	75-01-4	0.076	0.035	ug/l	---	0.13	0.035	ug/l	---	0.089	0.035	ug/l	---	ND	0.035	ug/l	---
GC/MS SVOC																		
OSW-8270E																		
	1,4-Dioxane	123-91-1	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
Metals																		
OSW-6020B																		
	Arsenic	7440-38-2	2.2	2.0	ug/l	---	1.5	2.0	ug/l	J	1.7	2.0	ug/l	J	ND	2.0	ug/l	---
	Arsenic - Dissolved	7440-38-2	1.3	2.0	ug/l	J	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
	Lead	7439-92-1	ND	1.2	ug/l	---	0.47	1.2	ug/l	J	0.76	1.2	ug/l	J	ND	1.2	ug/l	---
	Lead - Dissolved	7439-92-1	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---

Analytical Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321264-1

		Sample Name:	RW-8S-(163-173)-022825				RW-15D-(127-137)-022825				RW-15S-(110-120)-022825				OB-29-022725			
		Lab Sample ID:	46032126420				46032126421				46032126422				4603212643			
		Sample Date:	2/28/2025				2/28/2025				2/28/2025				2/27/2025			
Analyte	Cas No.	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
GC/MS VOC																	
OSW-8260D																	
1,1,1-Trichloroethane	71-55-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1,2,2-Tetrachloroethane	79-34-5	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1,2-Trichloroethane	79-00-5	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---
1,1-Dichloroethane	75-34-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1-Dichloroethene	75-35-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2,3-Trichlorobenzene	87-61-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2,4-Trichlorobenzene	120-82-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2-Dichlorobenzene	95-50-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2-Dichloroethane	107-06-2	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---
1,2-Dichloropropane	78-87-5	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---
1,3-Dichlorobenzene	541-73-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,4-Dichlorobenzene	106-46-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
2-Butanone (MEK)	78-93-3	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
2-Hexanone	591-78-6	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
4-Methyl-2-pentanone (MIBK)	108-10-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Acetone	67-64-1	ND	5.0	ug/l	---	21	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Benzene	71-43-2	0.79	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Bromoform	75-25-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Bromomethane	74-83-9	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Carbon disulfide	75-15-0	ND	1.0	ug/l	---	16	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Carbon tetrachloride	56-23-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorobenzene	108-90-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorobromomethane	74-97-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorodibromomethane	124-48-1	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---
Chloroethane	75-00-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chloroform	67-66-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chloromethane	74-87-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
cis-1,3-Dichloropropene	10061-01-5	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Cyclohexane	110-82-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Dichlorobromomethane	75-27-4	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---
Dichlorodifluoromethane	75-71-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Ethylbenzene	100-41-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Isopropylbenzene	98-82-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methyl acetate	79-20-9	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Methyl tert-butyl ether	1634-04-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methylcyclohexane	108-87-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methylene Chloride	75-09-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Styrene	100-42-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Tetrachloroethene	127-18-4	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---
Toluene	108-88-3	ND	1.0	ug/l	---	0.81	1.0	ug/l	J	1.2	1.0	ug/l	---	ND	1.0	ug/l	---
trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
trans-1,3-Dichloropropene	10061-02-6	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Trichloroethene	79-01-6	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---
Trichlorofluoromethane	75-69-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Xylenes, Total	1330-20-7	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
OSW-8260DSIM																	
1,2,3-Trichloropropane	96-18-4	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---
1,2-Dibromo-3-Chloropropane	96-12-8	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
Ethylene Dibromide	106-93-4	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
Vinyl chloride	75-01-4	ND	0.035	ug/l	---	0.29	0.035	ug/l	---	0.12	0.035	ug/l	---	ND	0.035	ug/l	---
GC/MS SVOC																	
OSW-8270E																	
1,4-Dioxane	123-91-1	ND	0.20	ug/l	---	0.62	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
Metals																	
OSW-6020B																	
Arsenic	7440-38-2	1.5	2.0	ug/l	J	17.4	2.0	ug/l	---	2.0	2.0	ug/l	---	ND	2.0	ug/l	---
Arsenic - Dissolved	7440-38-2	ND	2.0	ug/l	---	13.5	2.0	ug/l	---	1.8	2.0	ug/l	J	ND	2.0	ug/l	---
Lead	7439-92-1	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---	0.74	1.2	ug/l	J
Lead - Dissolved	7439-92-1	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---

Analytical Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321264-1

		Sample Name:	FB-03-022725				OB-11R-022725				OB-32-022725				RW-6A-022725			
		Lab Sample ID:	4603212644				4603212645				4603212646				4603212647			
		Sample Date:	2/27/2025				2/27/2025				2/27/2025				2/27/2025			
	Analyte	Cas No.	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
GC/MS VOC																		
OSW-8260D																		
	1,1,1-Trichloroethane	71-55-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1,2,2-Tetrachloroethane	79-34-5	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1,2-Trichloroethane	79-00-5	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---
	1,1-Dichloroethane	75-34-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1-Dichloroethene	75-35-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2,3-Trichlorobenzene	87-61-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2,4-Trichlorobenzene	120-82-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2-Dichlorobenzene	95-50-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2-Dichloroethane	107-06-2	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---
	1,2-Dichloropropane	78-87-5	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---
	1,3-Dichlorobenzene	541-73-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,4-Dichlorobenzene	106-46-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	2-Butanone (MEK)	78-93-3	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	2-Hexanone	591-78-6	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	4-Methyl-2-pentanone (MIBK)	108-10-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Acetone	67-64-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	4.6	5.0	ug/l	J	ND	5.0	ug/l	---
	Benzene	71-43-2	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	1.5	0.45	ug/l	---
	Bromoform	75-25-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Bromomethane	74-83-9	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Carbon disulfide	75-15-0	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Carbon tetrachloride	56-23-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorobenzene	108-90-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorobromomethane	74-97-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorodibromomethane	124-48-1	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---
	Chloroethane	75-00-3	ND	1.0	ug/l	---	35	1.0	ug/l	---	ND	1.0	ug/l	---	0.87	1.0	ug/l	J
	Chloroform	67-66-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chloromethane	74-87-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l	---	0.46	1.0	ug/l	J	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	cis-1,3-Dichloropropene	10061-01-5	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Cyclohexane	110-82-7	ND	1.0	ug/l	---	2.4	1.0	ug/l	---	0.46	1.0	ug/l	J	1.9	1.0	ug/l	---
	Dichlorobromomethane	75-27-4	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---
	Dichlorodifluoromethane	75-71-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	0.31	1.0	ug/l	J
	Ethylbenzene	100-41-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Isopropylbenzene	98-82-8	ND	1.0	ug/l	---	0.77	1.0	ug/l	J	ND	1.0	ug/l	---	3.7	1.0	ug/l	---
	Methyl acetate	79-20-9	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Methyl tert-butyl ether	1634-04-4	ND	1.0	ug/l	---	0.26	1.0	ug/l	J	0.87	1.0	ug/l	J	0.48	1.0	ug/l	J
	Methylcyclohexane	108-87-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	0.81	1.0	ug/l	J
	Methylene Chloride	75-09-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Styrene	100-42-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Tetrachloroethene	127-18-4	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---
	Toluene	108-88-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	trans-1,3-Dichloropropene	10061-02-6	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Trichloroethene	79-01-6	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---
	Trichlorofluoromethane	75-69-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Xylenes, Total	1330-20-7	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
OSW-8260DSIM																		
	1,2,3-Trichloropropane	96-18-4	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---
	1,2-Dibromo-3-Chloropropane	96-12-8	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Ethylene Dibromide	106-93-4	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Vinyl chloride	75-01-4	ND	0.035	ug/l	---	0.077	0.035	ug/l	---	ND	0.035	ug/l	---	ND	0.035	ug/l	---
GC/MS SVOC																		
OSW-8270E																		
	1,4-Dioxane	123-91-1	ND	0.20	ug/l	---	3.8	0.20	ug/l	---	ND	0.20	ug/l	---	0.82	0.20	ug/l	---
Metals																		
OSW-6020B																		
	Arsenic	7440-38-2	ND	2.0	ug/l	---	31.9	2.0	ug/l	---	20.4	2.0	ug/l	---	ND	2.0	ug/l	---
	Arsenic - Dissolved	7440-38-2	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
	Lead	7439-92-1	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---	0.58	1.2	ug/l	J
	Lead - Dissolved	7439-92-1	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---

Analytical Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321264-1

		Sample Name:	RW-6-022725				OB-20B-022725			
		Lab Sample ID:	4603212648				4603212649			
		Sample Date:	2/27/2025				2/27/2025			
Analyte	Cas No.	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
GC/MS VOC									
OSW-8260D									
1,1,1-Trichloroethane	71-55-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1,2,2-Tetrachloroethane	79-34-5	ND	0.20	ug/l	---	ND	0.20	ug/l	---
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1,2-Trichloroethane	79-00-5	ND	0.58	ug/l	---	ND	0.58	ug/l	---
1,1-Dichloroethane	75-34-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1-Dichloroethene	75-35-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2,3-Trichlorobenzene	87-61-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2,4-Trichlorobenzene	120-82-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2-Dichlorobenzene	95-50-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2-Dichloroethane	107-06-2	ND	0.30	ug/l	---	ND	0.30	ug/l	---
1,2-Dichloropropane	78-87-5	ND	0.92	ug/l	---	ND	0.92	ug/l	---
1,3-Dichlorobenzene	541-73-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,4-Dichlorobenzene	106-46-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---
2-Butanone (MEK)	78-93-3	ND	5.0	ug/l	---	ND	5.0	ug/l	---
2-Hexanone	591-78-6	ND	5.0	ug/l	---	ND	5.0	ug/l	---
4-Methyl-2-pentanone (MIBK)	108-10-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Acetone	67-64-1	ND	5.0	ug/l	---	19	5.0	ug/l	---
Benzene	71-43-2	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Bromoform	75-25-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Bromomethane	74-83-9	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Carbon disulfide	75-15-0	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Carbon tetrachloride	56-23-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorobenzene	108-90-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorobromomethane	74-97-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorodibromomethane	124-48-1	ND	0.78	ug/l	---	ND	0.78	ug/l	---
Chloroethane	75-00-3	1.4	1.0	ug/l	---	0.44	1.0	ug/l	J
Chloroform	67-66-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chloromethane	74-87-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---
cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---
cis-1,3-Dichloropropene	10061-01-5	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Cyclohexane	110-82-7	0.46	1.0	ug/l	J	0.61	1.0	ug/l	J
Dichlorobromomethane	75-27-4	ND	0.98	ug/l	---	ND	0.98	ug/l	---
Dichlorodifluoromethane	75-71-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Ethylbenzene	100-41-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Isopropylbenzene	98-82-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methyl acetate	79-20-9	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Methyl tert-butyl ether	1634-04-4	0.38	1.0	ug/l	J	0.58	1.0	ug/l	J
Methylcyclohexane	108-87-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methylene Chloride	75-09-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Styrene	100-42-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Tetrachloroethene	127-18-4	ND	0.40	ug/l	---	ND	0.40	ug/l	---
Toluene	108-88-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---
trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---
trans-1,3-Dichloropropene	10061-02-6	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Trichloroethene	79-01-6	ND	0.28	ug/l	---	ND	0.28	ug/l	---
Trichlorofluoromethane	75-69-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Xylenes, Total	1330-20-7	ND	2.0	ug/l	---	ND	2.0	ug/l	---
OSW-8260DSIM									
1,2,3-Trichloropropane	96-18-4	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---
1,2-Dibromo-3-Chloropropane	96-12-8	ND	0.020	ug/l	---	ND	0.020	ug/l	---
Ethylene Dibromide	106-93-4	ND	0.020	ug/l	---	ND	0.020	ug/l	---
Vinyl chloride	75-01-4	0.025	0.035	ug/l	J	ND	0.035	ug/l	---
GC/MS SVOC									
OSW-8270E									
1,4-Dioxane	123-91-1	ND	0.20	ug/l	---	ND	0.20	ug/l	---
Metals									
OSW-6020B									
Arsenic	7440-38-2	ND	2.0	ug/l	---	2.1	2.0	ug/l	---
Arsenic - Dissolved	7440-38-2	ND	2.0	ug/l	---	ND	2.0	ug/l	---
Lead	7439-92-1	ND	1.2	ug/l	---	0.58	1.2	ug/l	J
Lead - Dissolved	7439-92-1	ND	1.2	ug/l	---	ND	1.2	ug/l	---

DATA VERIFICATION REPORT

March 24, 2025

Tim Roeper
Tetratech
100 Crystal Run Road
Suite 100
Middletown, NY 10944

CADENA project ID: E203361
Project: Ford Ringwood Mines Project
Project number: RINGWOOD MINES
Event Specific Scope of Work References: Sample COC
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory submittal: 321595-1
Sample date: 2025-03-03
Report received by CADENA: 2025-03-22
Initial Data Verification completed by CADENA: 2025-03-24
Number of Samples:10
Sample Matrices: Water and trip blank
Test Categories: GCMS VOC, GCMS SVOC and Metals
Please see attached criteria report or sample result/qualified analytical result summary for qualifier flags assigned to sample data.

The following minor QC exceptions or missing information were noted:

TBK - TRIP BLANKS had detections BELOW the Reporting Limit (RL) for these analytes. The listed client sample results had concentrations LESS than 5X the method blank levels so client sample results reported below the RL are considered non-detect at the RL and qualified with UB flags and results greater than the RL are non-detect at the sample concentration reported and qualified with B flags : GCMS VOC - CHLOROMETHANE - UB flags - samples -02, -06, -07.

GCMS VOC CCV STANDARD response outliers as noted in the laboratory submittal case narrative were not used to qualify client sample results as part of this level 2 data package verification review.

DISSOLVED METALS containers were not filtered in the field within 15 minutes of collection but were filtered after receipt at the lab. Associated dissolved metals results may be unsuitable for compliance monitoring as filtration in the lab may not accurately reflect dissolved metals concentrations in the water at the time of sampling.

Sample/MS/MSD Surrogate Recovery, Blank/LCS Surrogate Recovery, LCS/LCD Recovery, LCS/LCD RPD, MS/MSD Recovery, MS/MSD RPD, Blank Contamination and Hold Time Exception were reviewed as part of our verification.

Data verification for the report specified above was completed using the Ford Motor Company Environmental Laboratory Technical Specification, the CADENA Standard Operating Procedure for the Verification of Environmental Analytical Data and the associated analytical methods as references for evaluating the batch QC, sample data and report content. The EPA National Functional Guidelines for validating organic and inorganic data were used as guidance when addressing out of control QC results and the associated data qualifiers.

Analytical results reported between RDL and MDL are flagged 'J' and considered estimated values.

Qualifiers added during verification have been added to the electronic data which is available for download from the CADENA CLMS. Refer to the attached table of analytical results that have been qualified during verification.

The definitions of the qualifiers used for this data package are defined in the analytical report. CADENA valid qualifiers are defined in the table below. To view and download a PDF copy of the laboratory analytical report access the CADENA CLMS at http://clms.cadenaco.com/index.cfm.

Please contact me if you have any questions.

Sincerely,

Jim Tomalia

Project Scientist

CADENA Inc, 1099 Highland Drive, Suite E, Ann Arbor, MI 48108 517-819-0356

CADENA Valid Qualifiers

Valid Qualifiers	Description
<	Less than the reported concentration.
>	Greater than the reported concentration.
B	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was greater than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the reported concentration. For Inorganic methods the sample concentration was greater than the RDL and less than 10x the blank concentration and is considered non-detect at the reported concentration.
E	The analyte / Compound reported exceeds the calibration range and is considered estimated.
EMPC	Estimated Minimum Potential Contamination - Dioxin/Furan analyses only.
J	Indicates an estimated value. This flag is used either when estimating a concentration for a tentatively identified compound or when the data indicates the presence of an analyte / compound but the result is less than the sample Quantitation limit, but greater than zero. The flag is also used in data validation to indicate a reported value should be considered estimated due to associated quality assurance deficiencies.
J-	The result is an estimated quantity, but the result may be biased low.
JB	NON-DETECT AT THE CONCENTRATION REPORTED AND ESTIMATED
JH	The sample result is considered estimated and is potentially biased high.
JL	The sample result is considered estimated and is potentially biased low.
JUB	NON-DETECT AT THE REPORTING LIMIT AND ESTIMATED
NJ	Tentatively identified compound with approximated concentration.
R	Indicates the value is considered to be unusable. (Note: The analyte / compound may or may not be present.)
TNTC	Too Numerous to Count - Asbestos and Microbiological Results.
U	Indicates that the analyte / compound was analyzed for, but not detected.
UB	The analyte / compound was detected in the associated blank. For Organic methods the sample concentration was less than the RDL and less than 5x (or 10x for common lab contaminates) the blank concentration and is considered non-detect at the RDL. For Inorganic methods the sample concentration was less than the RDL and less than 10x the blank concentration and is considered non-detect at the RDL.
UJ	The analyte / compound was not detected above the reported sample Quantitation limit. However, the Quantitation limit is considered to be approximate due to associated quality assurance results and may or may not represent the actual limit of Quantitation to accurately and precisely report the analyte in the sample.

SAMPLING AND ANALYSIS SUMMARY

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC-Edison
Laboratory Submittal: 321595-1

Lab Sample ID	Sample ID	Collection Date (mm/yy/dd)	Collection Time (hh:mm:ss)	GCMS VOC	GCMS VOC SIM	GCMS SVOC 2018	METALS BY ICPMS(D)	METALS BY ICPMS
4603215951	Trip Blank-04-030325	3/3/2025	12:00:00	X	X			
46032159510	RW-18DD-(157-167)-030325	3/3/2025	1:20:00	X	X	X	X	X
4603215952	RW-19S-(113-123)-030325	3/3/2025	8:20:00	X	X	X	X	X
4603215953	DUP-03-030325	3/3/2025	12:00:00	X	X	X	X	X
4603215954	RW-19DS-(131-137)-030325	3/3/2025	9:15:00	X	X	X	X	X
4603215955	RW-19DD-(144-154)-030325	3/3/2025	9:50:00	X	X	X	X	X
4603215956	RW-17S-(96-111)-030325	3/3/2025	10:45:00	X	X	X	X	X
4603215957	RW-17DS-(120-130)-030325	3/3/2025	11:15:00	X	X	X	X	X
4603215958	RW-18S-(92-102)-030325	3/3/2025	12:15:00	X	X	X	X	X
4603215959	RW-18DS-(112-122)-030325	3/3/2025	12:45:00	X	X	X	X	X

Qualified Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321595-1

		Sample Name:	RW-19S-(113-123)-030325				RW-17S-(96-111)-030325				RW-17DS-(120-130)-030325			
		Lab Sample ID:	4603215952				4603215956				4603215957			
		Sample Date:	3/3/2025				3/3/2025				3/3/2025			
Analyte	Cas No.		Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
GC/MS VOC														
OSW-8260D														
Chloromethane	74-87-3		0.48	1.0	ug/l	UB	0.59	1.0	ug/l	UB	0.49	1.0	ug/l	UB

Analytical Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321595-1

		Sample Name:	Trip Blank-04-030325				RW-18DD-(157-167)-030325				RW-19S-(113-123)-030325				DUP-03-030325			
		Lab Sample ID:	4603215951				46032159510				4603215952				4603215953			
		Sample Date:	3/3/2025				3/3/2025				3/3/2025				3/3/2025			
Analyte	Cas No.	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
GC/MS VOC																	
OSW-8260D																	
1,1,1-Trichloroethane	71-55-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1,2,2-Tetrachloroethane	79-34-5	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1,2-Trichloroethane	79-00-5	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---
1,1-Dichloroethane	75-34-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1-Dichloroethene	75-35-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2,3-Trichlorobenzene	87-61-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2,4-Trichlorobenzene	120-82-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2-Dichlorobenzene	95-50-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2-Dichloroethane	107-06-2	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---
1,2-Dichloropropane	78-87-5	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---
1,3-Dichlorobenzene	541-73-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,4-Dichlorobenzene	106-46-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
2-Butanone (MEK)	78-93-3	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
2-Hexanone	591-78-6	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
4-Methyl-2-pentanone (MIBK)	108-10-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Acetone	67-64-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Benzene	71-43-2	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Bromoform	75-25-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Bromomethane	74-83-9	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Carbon disulfide	75-15-0	ND	1.0	ug/l	---	1.9	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Carbon tetrachloride	56-23-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorobenzene	108-90-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorobromomethane	74-97-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorodibromomethane	124-48-1	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---
Chloroethane	75-00-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chloroform	67-66-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chloromethane	74-87-3	0.44	1.0	ug/l	J	ND	1.0	ug/l	---	0.48	1.0	ug/l	UB	ND	1.0	ug/l	---
cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
cis-1,3-Dichloropropene	10061-01-5	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Cyclohexane	110-82-7	ND	1.0	ug/l	---	0.47	1.0	ug/l	J	0.36	1.0	ug/l	J	ND	1.0	ug/l	---
Dichlorobromomethane	75-27-4	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---
Dichlorodifluoromethane	75-71-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Ethylbenzene	100-41-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Isopropylbenzene	98-82-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methyl acetate	79-20-9	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Methyl tert-butyl ether	1634-04-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methylcyclohexane	108-87-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methylene Chloride	75-09-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Styrene	100-42-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Tetrachloroethene	127-18-4	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---	ND	0.40	ug/l	---
Toluene	108-88-3	ND	1.0	ug/l	---	0.39	1.0	ug/l	J	ND	1.0	ug/l	---	ND	1.0	ug/l	---
trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
trans-1,3-Dichloropropene	10061-02-6	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Trichloroethene	79-01-6	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---
Trichlorofluoromethane	75-69-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Xylenes, Total	1330-20-7	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
OSW-8260DSIM																	
1,2,3-Trichloropropane	96-18-4	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---
1,2-Dibromo-3-Chloropropane	96-12-8	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
Ethylene Dibromide	106-93-4	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
Vinyl chloride	75-01-4	ND	0.035	ug/l	---	0.016	0.035	ug/l	J	0.014	0.035	ug/l	J	ND	0.035	ug/l	---
GC/MS SVOC																	
OSW-8270E																	
1,4-Dioxane	123-91-1					ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
Metals																	
OSW-6020B																	
Arsenic	7440-38-2					ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
Arsenic - Dissolved	7440-38-2					ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
Lead	7439-92-1					2.7	1.2	ug/l	---	1.2	1.2	ug/l	---	0.66	1.2	ug/l	J
Lead - Dissolved	7439-92-1					ND	1.2	ug/l	---	ND	1.2	ug/l	---	ND	1.2	ug/l	---

Analytical Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321595-1

		Sample Name:	RW-19DS-(131-137)-030325				RW-19DD-(144-154)-030325				RW-17S-(96-111)-030325				RW-17DS-(120-130)-030325			
		Lab Sample ID:	4603215954				4603215955				4603215956				4603215957			
		Sample Date:	3/3/2025				3/3/2025				3/3/2025				3/3/2025			
	Analyte	Cas No.	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
GC/MS VOC																		
	OSW-8260D																	
	1,1,1-Trichloroethane	71-55-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1,2,2-Tetrachloroethane	79-34-5	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
	1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1,2-Trichloroethane	79-00-5	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---	ND	0.58	ug/l	---
	1,1-Dichloroethane	75-34-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,1-Dichloroethene	75-35-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2,3-Trichlorobenzene	87-61-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2,4-Trichlorobenzene	120-82-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2-Dichlorobenzene	95-50-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,2-Dichloroethane	107-06-2	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---	ND	0.30	ug/l	---
	1,2-Dichloropropane	78-87-5	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---	ND	0.92	ug/l	---
	1,3-Dichlorobenzene	541-73-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	1,4-Dichlorobenzene	106-46-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	2-Butanone (MEK)	78-93-3	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	2-Hexanone	591-78-6	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	4-Methyl-2-pentanone (MIBK)	108-10-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Acetone	67-64-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Benzene	71-43-2	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Bromoform	75-25-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Bromomethane	74-83-9	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Carbon disulfide	75-15-0	ND	1.0	ug/l	---	ND	1.0	ug/l	---	2.2	1.0	ug/l	---	ND	1.0	ug/l	---
	Carbon tetrachloride	56-23-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorobenzene	108-90-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorobromomethane	74-97-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chlorodibromomethane	124-48-1	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---	ND	0.78	ug/l	---
	Chloroethane	75-00-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chloroform	67-66-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Chloromethane	74-87-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	0.59	1.0	ug/l	UB	0.49	1.0	ug/l	UB
	cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	cis-1,3-Dichloropropene	10061-01-5	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Cyclohexane	110-82-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	0.43	1.0	ug/l	J
	Dichlorobromomethane	75-27-4	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---	ND	0.98	ug/l	---
	Dichlorodifluoromethane	75-71-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Ethylbenzene	100-41-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Isopropylbenzene	98-82-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Methyl acetate	79-20-9	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---	ND	5.0	ug/l	---
	Methyl tert-butyl ether	1634-04-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Methylcyclohexane	108-87-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Methylene Chloride	75-09-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Styrene	100-42-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Tetrachloroethene	127-18-4	ND	0.40	ug/l	---	ND	0.40	ug/l	---	0.28	0.40	ug/l	J	ND	0.40	ug/l	---
	Toluene	108-88-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	0.46	1.0	ug/l	J
	trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	trans-1,3-Dichloropropene	10061-02-6	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---	ND	0.45	ug/l	---
	Trichloroethene	79-01-6	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---	ND	0.28	ug/l	---
	Trichlorofluoromethane	75-69-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---	ND	1.0	ug/l	---
	Xylenes, Total	1330-20-7	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
	OSW-8260DSIM																	
	1,2,3-Trichloropropane	96-18-4	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---
	1,2-Dibromo-3-Chloropropane	96-12-8	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Ethylene Dibromide	106-93-4	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---	ND	0.020	ug/l	---
	Vinyl chloride	75-01-4	ND	0.035	ug/l	---	0.010	0.035	ug/l	J	ND	0.035	ug/l	---	0.012	0.035	ug/l	J
GC/MS SVOC																		
	OSW-8270E																	
	1,4-Dioxane	123-91-1	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---	ND	0.20	ug/l	---
Metals																		
	OSW-6020B																	
	Arsenic	7440-38-2	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
	Arsenic - Dissolved	7440-38-2	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---	ND	2.0	ug/l	---
	Lead	7439-92-1	1.4	1.2	ug/l	---	10.3	1.2	ug/l	---	14.8	1.2	ug/l	---	2.1	1.2	ug/l	---
	Lead - Dissolved	7439-92-1	ND	1.2	ug/l	---	ND	1.2	ug/l	---	1.2	1.2	ug/l	---	ND	1.2	ug/l	---

Analytical Results Summary

CADENA Project ID: E203361
Laboratory: Eurofins Environment Testing LLC - Edison
Laboratory Submittal: 321595-1

		Sample Name:	RW-18S-(92-102)-030325				RW-18DS-(112-122)-030325			
		Lab Sample ID:	4603215958				4603215959			
		Sample Date:	3/3/2025				3/3/2025			
Analyte	Cas No.	Result	Report Limit	Units	Valid Qualifier	Result	Report Limit	Units	Valid Qualifier
GC/MS VOC									
OSW-8260D									
1,1,1-Trichloroethane	71-55-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1,2,2-Tetrachloroethane	79-34-5	ND	0.20	ug/l	---	ND	0.20	ug/l	---
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1,2-Trichloroethane	79-00-5	ND	0.58	ug/l	---	ND	0.58	ug/l	---
1,1-Dichloroethane	75-34-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,1-Dichloroethene	75-35-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2,3-Trichlorobenzene	87-61-6	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2,4-Trichlorobenzene	120-82-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2-Dichlorobenzene	95-50-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,2-Dichloroethane	107-06-2	ND	0.30	ug/l	---	ND	0.30	ug/l	---
1,2-Dichloropropane	78-87-5	ND	0.92	ug/l	---	ND	0.92	ug/l	---
1,3-Dichlorobenzene	541-73-1	ND	1.0	ug/l	---	ND	1.0	ug/l	---
1,4-Dichlorobenzene	106-46-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---
2-Butanone (MEK)	78-93-3	ND	5.0	ug/l	---	ND	5.0	ug/l	---
2-Hexanone	591-78-6	ND	5.0	ug/l	---	ND	5.0	ug/l	---
4-Methyl-2-pentanone (MIBK)	108-10-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Acetone	67-64-1	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Benzene	71-43-2	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Bromoform	75-25-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Bromomethane	74-83-9	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Carbon disulfide	75-15-0	1.0	1.0	ug/l	---	3.9	1.0	ug/l	---
Carbon tetrachloride	56-23-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorobenzene	108-90-7	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorobromomethane	74-97-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chlorodibromomethane	124-48-1	ND	0.78	ug/l	---	ND	0.78	ug/l	---
Chloroethane	75-00-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chloroform	67-66-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Chloromethane	74-87-3	ND	1.0	ug/l	---	ND	1.0	ug/l	---
cis-1,2-Dichloroethene	156-59-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---
cis-1,3-Dichloropropene	10061-01-5	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Cyclohexane	110-82-7	0.38	1.0	ug/l	J	ND	1.0	ug/l	---
Dichlorobromomethane	75-27-4	ND	0.98	ug/l	---	ND	0.98	ug/l	---
Dichlorodifluoromethane	75-71-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Ethylbenzene	100-41-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Isopropylbenzene	98-82-8	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methyl acetate	79-20-9	ND	5.0	ug/l	---	ND	5.0	ug/l	---
Methyl tert-butyl ether	1634-04-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methylcyclohexane	108-87-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Methylene Chloride	75-09-2	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Styrene	100-42-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Tetrachloroethene	127-18-4	ND	0.40	ug/l	---	ND	0.40	ug/l	---
Toluene	108-88-3	0.41	1.0	ug/l	J	0.40	1.0	ug/l	J
trans-1,2-Dichloroethene	156-60-5	ND	1.0	ug/l	---	ND	1.0	ug/l	---
trans-1,3-Dichloropropene	10061-02-6	ND	0.45	ug/l	---	ND	0.45	ug/l	---
Trichloroethene	79-01-6	ND	0.28	ug/l	---	ND	0.28	ug/l	---
Trichlorofluoromethane	75-69-4	ND	1.0	ug/l	---	ND	1.0	ug/l	---
Xylenes, Total	1330-20-7	ND	2.0	ug/l	---	ND	2.0	ug/l	---
OSW-8260DSIM									
1,2,3-Trichloropropane	96-18-4	ND	0.0050	ug/l	---	ND	0.0050	ug/l	---
1,2-Dibromo-3-Chloropropane	96-12-8	ND	0.020	ug/l	---	ND	0.020	ug/l	---
Ethylene Dibromide	106-93-4	ND	0.020	ug/l	---	ND	0.020	ug/l	---
Vinyl chloride	75-01-4	0.011	0.035	ug/l	J	0.015	0.035	ug/l	J
GC/MS SVOC									
OSW-8270E									
1,4-Dioxane	123-91-1	ND	0.20	ug/l	---	ND	0.20	ug/l	---
Metals									
OSW-6020B									
Arsenic	7440-38-2	ND	2.0	ug/l	---	ND	2.0	ug/l	---
Arsenic - Dissolved	7440-38-2	ND	2.0	ug/l	---	ND	2.0	ug/l	---
Lead	7439-92-1	6.9	1.2	ug/l	---	5.0	1.2	ug/l	---
Lead - Dissolved	7439-92-1	ND	1.2	ug/l	---	ND	1.2	ug/l	---