Semiannual Progress Report

First and Second Quarter 2023 Reporting Period

February 2024

FF/NN Landfill NPL Site
Ripon, Wisconsin

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1.0 Introduction

TRC is retained by the FF/NN Landfill Potentially Responsible Party (PRP) Group (Group) to conduct operations and maintenance (O&M) and quarterly monitoring activities at the FF/NN Landfill NPL Site (Site), in Ripon, Wisconsin. This Semi-annual Progress Report presents site activities during the First and Second Quarter (Q1 & Q2) of 2023 (Reporting Period January 1 – June 30, 2023) and is intended to fulfill applicable portions of reporting requirements specified in the Revised Groundwater Monitoring Program (GMP) as outlined in the April 18, 2013 conditional approval letter (as amended on June 8, 2017) (WDNR, 2013; 2017).

2.0 Quarterly Changes and Important Dates

This section describes important dates on which tasks were performed, changes in routine tasks, and exceptions to the GMP made in Q1 and Q2 2023. No changes nor exceptions were made in Q1 and Q2 2023 to monitoring, site activities, or to the GMP. Per WDNR approval the reporting frequency for the Site is semi-annual.

2.1 Dates of Importance

The following dates detail sampling events, deliverables, correspondence, and meetings:

- March 21 and 22, 2023 – Q1 2023 groundwater sampling event in accordance with the GMP June 13, 2023 – GEMS transmittal, Q1 2023 monitoring data
- June 21, 2023 – annual landfill cap inspection.
- June 20 through 22, 2023 – Q2 groundwater sampling event in accordance with the GMP

3.0 Landfill Site Inspections

The WDNR-approved Remedial Design requires annual inspections of the FF/NN Landfill cap. The annual landfill cap inspection was conducted by TRC on June 21, 2023. Overall, the cap was in good condition and no repairs were necessary. The vegetation density was good, and no evidence of erosion or animal burrowing were observed. All gas vents, leachate collection wells and monitoring wells within the limits of the Cap were noted to be in good condition. A copy of the Cap Inspection Record is provided in Appendix A.

4.0 Summary of Observation and Monitoring Data

4.1 Water Elevation Measurements

In accordance with the GMP, groundwater elevations were measured at 12 monitoring wells/piezometers associated with the Site on March 21, 2023, and from 19 monitoring wells/piezometers on June 20, 2023. Field forms from the Q1 and Q2 2023 measurement event are included in Appendix B and elevations are summarized in Tables 1 and 2. Groundwater monitoring wells associated with the FF/NN Landfill site are grouped into four hydrostratigraphic units (Layer 1, Layer 2, Layer 3, and Layer 4) based on well screen elevations. Layer designations for the wells monitored during Q1 and Q2 are included in Tables 1 and 2.

Groundwater elevations measured in Layers 1, 2, and 3 indicated a consistent flow direction compared with previous sampling events toward the south and southwest. Figures 1 through 3 depict the groundwater flow elevations and flow direction in Layers 1 through 3 during Q2 2023.

The estimated groundwater flow direction in Layer 4 for data collected in Q2 2023 is to the south-southwest as shown on Figure 4. The City of Ripon occasionally pumps from Municipal Well #9, which is located southeast of the site and potentially influences the groundwater flow direction in Layer 4. When Well #9 is not operational, groundwater flow is toward the west or southwest. When Well #9 is operational, groundwater flow is sometimes toward the southeast. Conversations with Mr. Jeremy Jess, Utility Manager for the City of Ripon, stated that Well #9 was in operation periodically during the Q2 2023 sampling event.

4.2 Groundwater Quality Monitoring

This subsection includes an evaluation of the groundwater quality for the Q1 and Q2 2023 reporting period.

Groundwater samples for the Q1 monitoring event were collected by TRC using low-flow sampling methods from 12 monitoring wells between March 21 and 22, 2023. Groundwater samples for the Q2 monitoring event were collected by TRC using low flow (15 monitoring wells) or volume purge (4 monitoring wells and 3 leachate wells) sampling methods between June 20 through 22, 2023. Typically, a groundwater sample is collected from the private well at N8745 S. Koro Road, Ripon, WI; however, during the sampling event TRC corresponded with the owner and the well pump was not functioning. The owner coordinated repairs and TRC collected a sample during the Q3 2023 monitoring event. Groundwater samples for the Q1 and Q2 sampling events were analyzed by CT Laboratories for volatile organic compounds (VOCs) (EPA Method 8260C), nitrate + nitrite as nitrogen (EPA 353.2), sulfate (EPA 9056A), and manganese (EPA 6010C). Field parameters were measured at all monitoring wells including dissolved oxygen (DO), oxygen-reduction potential (ORP), temperature, pH, and specific conductance. Field parameters were measured during sampling using an In-Situ Smart Troll MP meter and flow-through cell. The three leachate samples collected during Q2 2023 were analyzed for VOCs (EPA Method 8260C). Field forms are included in Appendix B and the laboratory analytical reports are included in Appendix C. Groundwater results exceeding Wisconsin Administrative Code (WAC) Chapter NR 140 Enforcement Standards (ES) and Preventive Action Limits (PAL) are included in Table 3 for the Q1 monitoring event and Table 4 for the Q2 monitoring event. A summary of the analytical results for all detected parameters for Q1 and Q2 are provided in Tables 5 and 6, respectively.

4.2.1 First Quarter 2023 VOC Results

Chlorinated VOCs (CVOCs) are the contaminants of concern (COC) at the Site, including trichloroethene (TCE) and its dechlorination products; cis-1,2-dichloroethene (cis-1,2-DCE) and vinyl chloride (VC). In the 12 wells sampled during the Q1 2023, VC was the only COC detected at concentrations greater than the ES and PAL. The following summarizes the distribution of VOCs detected in each hydrostratigraphic unit:

- Wells in Layer 1 and Layer 2 were not sampled during Q1 2023.
- Nine monitoring wells were sampled in Layer 3. VC exceeded the ES in samples collected from wells P-103D, P-111D, P-114, P-115 and P-117. VC was detected greater than the PAL in samples collected from wells MW-003B and P-118. Note the concentration of VC

for the sample collected from MW-003B is estimated as the concentration was reported between the laboratory method detection limit (MDL) and reporting limit.

- Three monitoring wells were sampled in Layer 4. VC exceeded the ES in the sample collected from P-107D. This detection is within the historical range of concentrations detected in samples from this well.
- Other VOC detections were at concentrations less than their respective PALs and are summarized in Table 5.
- Trip blanks and method blanks were analyzed during the Q1 2023 sampling event and results indicated:
  - Methylene chloride was detected in the trip blank, however this parameter was not detected in any of the samples.

4.2.2 Second Quarter 2023 VOC Results

In the 19 monitoring wells sampled during Q2 2023, VC and TCE were the only VOCs detected at concentrations greater than the PAL and VC and was the only VOC detected at concentrations greater than the ES. The following summarizes the distribution of VOCs detected in each hydrostratigraphic unit:

- Four monitoring wells were sampled within Layer 1. TCE exceeded the PAL in the sample collected from monitoring well MW-103 and VC exceeded the ES in the sample collected from monitoring well MW-104.
- Three monitoring wells were sampled within Layer 2. VC exceeded the ES in the sample collected from monitoring well P-107.
- Nine monitoring wells were sampled in Layer 3. VC exceeded the ES in samples collected from wells P-103D, P-111D, P-114, P-115, and P-117 and the PAL in the samples collected from wells MW-003B and P-118. Note the concentration of VC for the sample collected from MW-003B is estimated as the concentration was reported between the laboratory MDL and reporting limit. Figure 5 shows the VC isoconcentration map for Layer 3.
- Three monitoring wells were sampled in Layer 4. VC exceeded the ES in the sample collected from P-107D. This detection is consistent with historical concentrations detected in samples from this well.
- Other VOC detections were reported at concentrations less than their respective PALs and are summarized in Table 6.
- Trip blanks and method blanks were analyzed during the Q2 2023 sampling event and results indicated:
  - Acetone and methylene chloride were detected in the trip blank. Methylene chloride was not detected in any groundwater sample. Acetone was detected in all the groundwater samples. Based on the detection of acetone in the trip blank, the acetone detection for each sample was flagged by TRC with the “u” qualifier indicating the analyte concentration should be considered non-detect.

- In addition to the 19 wells, three leachate collection wells were sampled to evaluate constituent concentrations in the leachate. Select CVOCs and non-chlorinated VOCs were detected greater than the MDL in each sample and results are summarized in Table 7.

4.2.3 Trend Analysis

Trend analysis was completed for TCE, cis-1,2-DCE and VC data from plume centerline wells. At the request of the WDNR, trend analysis was completed using data from the most recent 8 to 12 sampling events, depending on the frequency of sampling, through the second quarter of 2023. Data from the most recent 12 events were used for wells sampled quarterly, and data from the most recent 8 events were used for wells sampled less frequently. Trend analysis was completed for datasets that had at least 50% detections or at least eight detections total over the time period evaluated. For the purpose of this analysis, the plume centerline wells included: MW-103, MW-107, and MW-111 in Layer 1; P-103, P-107, and P-111 in Layer 2; P-103D, P-111D, P-114, P-117, and P-118 in Layer 3; and P-107D in Layer 4. The datasets evaluated included TCE in five wells, cis-1,2-DCE in seven wells, and VC in eight wells. The trend analysis was completed using the ProUCL software using the Mann-Kendall Trend Test with the default confidence interval of 0.95 (level of significance of 0.05). The detection limit was used to represent non-detect results for all analyses except TCE in P-107, for which only detections were analyzed due to early non-detect results with high detection limits relative to subsequent detections.

Trend analysis results for the most recent 8 or 12 sampling events indicate increasing trends for two datasets (TCE in P-107 and VC in P-118), decreasing trends for five datasets (TCE in MW-103; cis-1,2-DCE in MW-103, P-103D, and P-117; and VC in MW-103) and no trends for the other datasets (meaning insufficient statistical evidence of a significant trend at the specified level of significance). Trend analysis results are summarized in Table 8. Concentration-time graphs for TCE, cis-1,2-DCE, and VC results from the plume centerline wells for the full historical data set are provided in Appendix D. Additionally, concentration-time graphs of the datasets used in the trend analysis are also provided in Appendix D.

Although an increasing trend was detected for TCE at P-107, the maximum TCE concentration is less than half of the PAL. The increasing VC concentrations at P-118 reached a historical maximum of 0.19 ug/L, just below the ES (0.2 ug/L), in June 2023. The VC concentrations upgradient of P-118 at P-117 showed no statistically significant trend during the current analysis of recent data but were shown to be decreasing during previous trend analysis in 2021 that evaluated trends over the historical monitoring period (TRC, 2021b).

4.2.3.1 Monitored Natural Attenuation (MNA) Parameters

Groundwater geochemistry gives evidence of bioactivity in an aquifer and is considered a line of evidence for the breakdown of hydrocarbons by bacteria. Inorganic constituents such as dissolved oxygen, nitrate, manganese, iron, and sulfate can be used by bacteria as electron acceptors and their concentrations are indicators of biological activity and redox conditions. These parameters are included in the analytical program to document bioactivity in the aquifer. Concentrations of these constituents are compared to health and aesthetic-based standards as listed in WDNR WAC NR 140 for illustrative purposes, but these constituents are not considered constituents of concern. Table 5 and 6 include the results of all detected MNA parameters measured during Q1 and Q2 2023.

Manganese was reported greater than the laboratory MDL in all the wells sampled for this constituent except for monitoring well MW-103 during the Q2 2023 sampling event. Detected concentrations ranged from 7.4 ug/L at P-113A to 431 ug/L at MW-003A.

Sulfate was detected in all the monitoring wells sampled for sulfate. Sulfate concentrations were less than the PAL and ranged from 11 mg/L at P-113A to 89 mg/L at MW-103.

Nitrogen ions (nitrate plus nitrite) were not detected greater than the laboratory MDL for samples collected during Q1 2023 and the samples collected from MW-103 and MW-112 were the only wells with a detection greater than the MDL in Q2 2023. The concentration at MW-103 was 14 mg/L and MW-112 was 0.47 mg/L. The reported concentration for the sample collected from MW-103 was greater than the NR 140 ES. The general lack of nitrate at detectable concentrations in the deeper groundwater layers may indicate nitrate reduction from microbial activity.

The presence of dissolved manganese, the general lack of nitrate, and the generally low sulfate concentrations in most site wells are lines of evidence supporting the conclusion that geochemical conditions favorable to reductive dechlorination of CVOCs are present along the plume extent. This conclusion is consistent with the previous comprehensive MNA analysis included in the Fourth Quarter 2020 Quarterly Progress and MNA Analysis Report (TRC, 2021a).

4.3 Landfill Gas Extraction System Operations

The landfill gas extraction system (GES) has been operational since 2005 (GeoTrans, 2005). Landfill gas is extracted from gas vent GV-6 and the three deeper leachate collection wells (LC-1, LC-2, and LC-3). On September 5, 2019, GV-4 was reconnected to the system. The other gas vents have remained closed to prevent oxygen levels from increasing above 5%. This subsection includes an evaluation of landfill gas monitoring results and a discussion of system repairs at the Site during Q1 and Q2 2023.

4.3.1 Landfill Gas Analytical Results

One landfill gas sample is generally collected during the Q2 monitoring event and analyzed for VOCs using EPA method TO-15 to calculate emission rates from the GES. However, due to system operation during Q2 as discussed in Section 4.3.2, the sample was collected during Q3 following system repairs.

4.3.2 Landfill Gas Extraction System Troubleshooting and Repairs

The GES was shut down on February 8, 2023, by the City of Ripon (City) due to vacuum loss to the well field. TRC mobilized to the Site on February 13, 2023, to assess the problem. During the site visit, the belt on the blower was replaced and the system was restarted. Once restarted it was observed that water was surging in the extraction lines which was reducing the ability for vacuum to be applied to the well field. TRC attempted to drain water from the system to reestablish vacuum to the well field but gravity draining was not sufficient to remove water from the extraction lines.

TRC and the City were onsite multiple times between March 21 and June 1, 2023, to assess the extraction piping between the blower and the buried well field headers and to assess each individual extraction line leg. Based on water observed, there appeared to be a potential leak somewhere in the system allowing surface water to enter one or more of the three main extraction

lines. The GES blower was utilized to attempt to pull the water from the lines to the buried condensate tank and the tank was pumped out on multiple occasions during onsite troubleshooting. Water was hauled and disposed of at the City's wastewater treatment plant. Following water extraction, an attempt to reestablish vacuum to the well field was made. Vacuum was temporarily reestablished on multiple occasions but after a short period of time water slowly drained into the extraction line between the header manifold and blower trailer, restricting vacuum and flow from the extraction points. Following water removal and further troubleshooting, it was found that extraction lines 1 and 3 had been cleared and that extraction line 2 contained additional water causing vacuum and flow restrictions on the system.

On June 1, 2023, TRC, SGS Environmental Contracting Inc. (SGS), and Greatlakes TV Sealing Inc. (Greatlakes), were onsite to scope extraction line 2 and conduct repairs as needed. SGS disconnected a portion of the buried header lines to allow for a camera inspection to be conducted and to remove water and sediment as needed. During the camera inspection, it was observed that extraction line 2 (which connects the blower to LC-2 and GV-6) contained sediment build up and water, and pipe sagging was observed along portions of the line. In addition, a portion of the extraction line previously connected to GV-7 was found to contain a break at a 90-degree fitting. It appeared that stormwater and sediment had entered the extraction line at this point. Greatlakes vacuumed out portions of extraction line 2 to remove water and sediment buildup. SGS repaired the break in the pipe at GV-7 and the header manifold. The pipe repairs consisted of exposure and replacement of select fittings. Minor excavation (approximately one foot below ground surface) was required for repairs. Soil removed was used as backfill and the surface was compacted, seeded, and straw erosion mat was installed to reestablish vegetation. Following repairs, the system was restarted, and the extraction points were adjusted based on observed gas readings at the extraction wells.

4.3.3 Landfill Gas Measurements

Sections below discuss observations noted during landfill gas monitoring and subsequent adjustments made to improve system performance.

4.3.3.1 Gas Extraction Well Monitoring

TRC or City personnel were onsite while the system was operating between January 13 and June 21, 2023 to inspect and monitor the landfill gas extraction system. Gas measurements (% oxygen, methane, and carbon dioxide) and vacuum readings were periodically collected from the five gas extraction points (LC-1, LC-2, LC-3, GV-4, and GV-6) when the system was in operation. In addition, gas measurements were collected from gas probes GP-1 and GP-2, the blower exhaust, and ambient air (background) for comparison purposes. TRC and/or the City adjusted valve positioning on the extraction well headers to optimize the landfill gas extraction system, as needed. Repositioning was based on measured methane and oxygen concentrations and vacuum readings recorded during the monitoring events. A summary of the monitoring data from each visit is included in Table 9.

4.3.3.2 Gas Probe Monitoring

TRC personnel were onsite on March 21, May 9, and June 21, 2023, to collect gas measurements from gas probes and select monitoring wells installed around/near the landfill and results are summarized in Table 10. Gas measurements were collected (% oxygen, methane, and carbon dioxide) from the 10 existing gas probes (GP) including GP-1 through GP-7 and GP-10 through

GP-12 surrounding the landfill and four monitoring wells (MW) including MW-101 through MW-104. As noted above, gas probes GP-1 and GP-2 were also monitored in conjunction with the GES monitoring. Overall, during Q1 and Q2 2023, methane was only observed in gas probe GP-1 (0.4%), which is located on the east side of the landfill, during the June 21, 2023 monitoring event. Based on the monitoring conducted, offsite methane migration from the landfill is not occurring.

5.0 Institutional Control Documentation

This section documents the protectiveness of institutional controls (ICs) as required in the February 24, 2011, Institutional Control Study/Plan (IC Plan) prepared by Tetra Tech GEO. According to the IC Plan, the initial Record of Decision (ROD) for the FF/NN Landfill (EPA 1996) called for the placement of a deed restriction that prohibited disturbing the landfill cap (except for maintenance) and that WAC NR 812.08 forbids the construction of a potable or non-potable water supply well within 1,200 feet of the landfill. In 2004, the WDNR imposed a well advisory area that specifies potable wells must be constructed or reconstructed to more stringent standards. The Second 5-Year Review completed by the U.S. Environmental Protection Agency (USEPA) in 2006 found that the ICs at the landfill were protective of the site remedy, but for properties near the landfill, the IC mechanisms were not sufficient to protect against human and environmental exposures. Identification of enforceable legal and administrative controls were required by USEPA to provide the mechanisms necessary to appropriately protect the site remedies and to minimize the potential for human and environmental exposure to site contaminants. The 2011 IC Study / Plan addressed the USEPA concerns and identified four types of ICs: Government Controls, Proprietary Controls, Enforcement Tools, and Informational Devices. This section documents the verification of IC effectiveness since the last time this review occurred in Q2 2022 (reporting period).

5.1 Governmental Controls

5.1.1 Landfill Cap

WAC NR 504.07(9) prohibits the following: 1) use of the waste disposal area for agricultural purposes, 2) establishment or construction of any buildings over the waste disposal area, or 3) excavation of the final cover or any waste materials. TRC confirmed that none of these activities occurred during this reporting period.

5.1.2 Landfill Setback

WAC NR 812.08(4)(g)1 requires a separation distance of 1,200 feet between the landfill and any new potable or non-potable water supply wells, reservoirs, or springs. Based on TRC review of information detailed in Section 5.4.2 below, no new water supply wells, reservoirs, or springs have been noted during this reporting period.

5.1.3 Municipal Water Connection Within City Limits

Chapter 10.24 of the Ripon Municipal Code (RMC) requires all private water supply wells located on property served by water utility within the City of Ripon are to be abandoned in accordance with the terms of this chapter and WAC NR 812 no later than one year from the date of connection to the municipal water system unless a well operation permit has been obtained.

5.2 Proprietary Controls

5.2.1 Municipal Water Connection Outside the City Limits

In 2002, municipal water was extended outside the City limits to residents located along South Koro Road and Charles Street in the Town of Ripon. As part of this agreement, homeowners that connected to municipal water were required to have their water supply well abandoned or converted to a groundwater monitoring well. The wells located at the Gaastra and Perry residences at W14297 Charles Street and W14298 Charles Street, respectively, were connected to public water in 2015. TRC has not been able to verify that these two wells are abandoned. Besides this data gap, TRC did not observe additional wells within this area that are not used as part of the monitoring well network within this reporting period.

5.3 Enforcement Tools

5.3.1 Record of Decision

The 1996 U.S. EPA ROD contains governmental controls as "applicable or relevant and appropriate requirements" (ARARs) that restrict land and groundwater use, set cleanup standards, and incorporate the IC requirements. To date, these requirements are being met including ongoing quarterly groundwater monitoring, annual sampling of private drinking water supply wells within the WDNR Well Advisory Areas, monitoring of the gas probes on a regular basis, maintenance of the landfill cap as needed, active deed restriction prohibiting landfill cap disturbance except for maintenance, maintenance of fencing, and five year reviews. The completion of the USEPA Fifth Five Year Review for the Site was completed in 2021.

5.4 Informational Devices

5.4.1 Deed Restrictions

The deed restriction filed in 1997 lists the limitations and restrictive covenants for the landfill property including:

1. No water wells other than groundwater monitoring wells or leachate extraction wells are to be located on the landfill property.
2. Certain activities are prohibited unless written prior approval from the WDNR is granted including excavation of the landfill cover or wastes, grading, or filling on the capped area except as needed to maintain the cover, use of the waste disposal area for agricultural purposes, and construction of buildings or other structures over the waste disposal area.
3. Property owner shall not use the landfill area or take any action that may damage or impair the effectiveness of the remedial action components constructed for or installed pursuant to the ROD or interfere with performance of the remedial work required by the ROD.

The City of Ripon and the Town of Ripon are both members of the PRP group. Since February 2004, the City and Town of Ripon are the owners and possess control over the landfill property.

5.4.2 WDNR Well Advisory Area

Through two memorandums dated July 15, 2004 to Wisconsin Licensed well drillers, it was communicated that pursuant to WAC NR 812.12(3), a "Special Well Casing Pipe Depth Area" exists for an area surrounding and containing the landfill and covers approximately 1.5 square miles. This well advisory area is subdivided into two segments in the IC plan, an "Outer Area" located within Sections 7, 8, 17, and 18, T16N, R14E, Town of Ripon, Fond du Lac and an "Inner Area" located within Sections 7 and 18, T16N, R14E. Refer to Section 3.4.4.2 of the 2011 IC Plan for details on the restrictions in the Well Advisory Area. During this reporting period, TRC confirmed that the Well Advisory remains in place, and based on review of the WDNR Well Driller Viewer (WDNR, 2022), no wells have been installed in any parcel included in the Inner Area since 2000. One well was installed in October 2022 in the Outer Area and the well construction log is included in Appendix E.

5.4.3 Town of Ripon Building Permit

Section 13.2 of Article XIII of the Town of Ripon zoning ordinance requires a permit for any building structure or mobile home. In 2011 the PRP Group requested to be notified if an application for a building permit was received for any parcel with in the south ½ of Section 7 or the north ½ of Section 18, T16N, R14E. No notifications have been received by the PRP group from the Town of Ripon during this reporting period. TRC contacted Mr. Barry VandeBrink, Chairman of the Town of Ripon, and the Town Clerk to verify whether any building permits were received within this reporting period. As of the date of this report, no response has been received.

5.4.4 Town of Ripon Special Use Permit

Sections 6.4 and 11.2 of the Town of Ripon zoning ordinance require a permit when requesting a use not permitted by an Ordinance in a Zoning District. In 2011 the PRP Group requested to be notified if an application for special use was received for any parcel within Sections 7, 8, 17, or 18 T16N, R14E that involves surface water or groundwater dewatering activities such as mineral extraction operations. No notifications have been received by the PRP group from the Town of Ripon during this reporting period. TRC contacted Mr. Barry VandeBrink, Chairman of the Town of Ripon, and the Town Clerk to verify whether any special use applications noted above were received within this reporting period. As of the date of this report, no response has been received.

5.4.5 WPDES Permit for Non-Metallic Mining Operations

Submittal of a completed Notice of Intent (NOI) Information Summary for Nonmetallic Mining Operations (Form 3400-179) to the WDNR is mandatory for any owner /operator of a nonmetallic mining operation that must apply for a permit in accordance with 40 CFR Part 122 or Chapter 283, WI Statues. TRC reviewed the Wisconsin Pollutant Discharge Elimination System (WPDES) Permits on Public Notice webpage and did not identify permits submitted within the Advisory Area extent. In addition, TRC contacted Mr. David Haas, Wastewater Specialist with the WDNR to confirm whether any WPDES NOIs or permits were received for parcel within Sections 7, 8, 17, or 18 T16N, R14E. Mr. Hass processes some of the general permits in the Ripon area and he noted that he has not received any NOIs or permit applications between June 2022 and June 2023.

In addition, Northeast Asphalt, Inc. (NEA), located east of the FF/NN Landfill, has a general permit. Events of extensive dewatering in 2002 and 2008 led to the WDNR notifying NEA that by

pumping the surface water from their on-site pit at high levels over a period of time and altering the groundwater flow, they could become part of the PRP Group. TRC requested copies of the discharge monitoring report (DMR) for the NEA Ripon Gravel Site, Permit No. WI-0046515-04. Based on review of the 2022 DMR submittal, NEA did not report any significant discharges in 2022 and the report is included in Appendix F. The 2023 discharge monitoring report is due by February 15, 2024. Results of dewatering in 2023 will be included in the Second Quarter 2024 report submittal.

5.4.6 Bureau for Remediation and Redevelopment Tracking System

The FF/NN Landfill is identified on the WDNR Bureau for Remediation and Redevelopment Tracking System (BRRTS) on the Web database with continuing obligations (CO). The COs noted include appropriate management of contaminated soils, WDNR approval if a water supply well is constructed or reconstructed, and maintenance of a cap over the contaminated area. The database depicts the extent of the landfill cover but does not currently depict the extent of the groundwater plume. The database listing includes a link to the Ripon City Landfill EPA Superfund NPL / Superfund Alternative Approach (SAA) Website.

6.0 References

GeoTrans. 2005. Pilot Test for Landfill Gas Extraction System. FF/NN Landfill, Ripon, Wisconsin. June 29, 2005.

Tetra Tech GEO. 2011. Institutional Control Study/Plan, FF/NN Landfill NPL Site (Ripon City Landfill), Ripon Wisconsin. February 24, 2011.

TRC. 2021a. Quarterly Progress and MNA Analysis Report, Fourth Quarter 2020 Reporting Period and MNA Analysis, FF/NN Landfill NPL Site, Ripon, Wisconsin. March 3, 2021.

TRC. 2021b. Quarterly Progress Report, Second Quarter 2021 Reporting Period, FF/NN Landfill NPL Site, Ripon, Wisconsin. November 2021.

WDNR. 2013. Conditional Approval of Revised Groundwater Monitoring Program for the Ripon HWY FF/NN Landfill. Ripon HWY FF/NN Landfill, License #467, Ripon, WI, WDNR BRRTS #02-20-000915. April 18, 2013.

WDNR. 2017. Proposed Second Replacement Sentinel Monitoring Well Work Plan Approval for Ripon HWY FF/NN Landfill. License #467, Ripon, WI, WDNR BRRTS #02-20-000915. June 8, 2017.

WDNR. 2021. Wisconsin Department of Natural Resources. "Well Driller Viewer." https://dnrmaps.wi.gov/H5/?viewer=Well_Driller_Viewer. Accessed January 15, 2024.

Table 1: Water Levels
FF/NN Landfill
Ripon, Wisconsin
First Quarter 2023

Well Name	GW Layer	TOC Elevation (Feet AMSL)	Q1 Depth to Water (Feet)	Q1 GW Elevation (Feet AMSL)
			3/21/2023	3/21/2023
MW-003A	4	850.60	31.21	819.39
MW-003B	3	850.89	30.14	820.75
P-103D	3	872.91	50.69	822.22
P-107D	4	871.90	52.47	819.43
P-111D	3	855.56	35.45	820.11
P-113A	4	833.16	14.13	819.03
P-113B	3	833.16	13.69	819.47
P-114	3	839.36	19.97	819.39
P-115 (WIESE)	3	842.67	23.19	819.48
P-116 (HADEL)	3	845.86	26.95	818.91
P-117	3	833.96	15.89	818.07
P-118	3	826.74	8.71	818.03

Notes:
GW = Groundwater
TOC = Top of Casing
AMSL = Above Mean Sea Level

Created by: P. Popp, 5/24/2023
Checked by: M. Tofte, 6/1/2023

Table 2: Water Levels
FF/NN Landfill
Ripon, Wisconsin
Second Quarter 2023

Well Name	GW Layer	TOC Elevation (Feet AMSL)	Q2 Depth to Water (Feet)	Q2 GW Elevation (Feet AMSL)
			6/20/2023	6/20/2023
MW-003A	4	850.60	31.85	818.75
MW-003B	3	850.89	30.56	820.33
MW-101	1	884.73	61.55	823.18
P-101	2	885.39	61.92	823.47
MW-102	1	842.90	19.21	823.69
P-102	2	842.85	19.11	823.74
MW-103	1	872.30	50.61	821.69
P-103	2	872.74	49.58	823.16
P-103D	3	872.91	50.56	822.35
MW-104	1	875.20	51.72	823.48
P-104	2	875.40	52.05	823.35
MW-106	1	878.75	55.05	823.70
P-106	2	878.80	55.19	823.61
MW-107	1	871.69	51.16	820.53
P-107	2	871.33	50.79	820.54
P-107D	4	871.90	52.51	819.39
MW-108	1	845.08	26.21	818.87
P-108	2	845.48	23.99	821.49
MW-111	1	856.09	37.25	818.84
P-111	2	856.28	37.31	818.97
P-111D	3	855.56	35.51	820.05
MW-112	1	874.70	53.81	820.89
P-113A	4	833.16	16.05	817.11
P-113B	3	833.16	15.16	818.00
P-114 (1)	3	839.36	23.22	816.14
P-115 (WIESE)	3	842.67	23.41	819.26
P-116 (HADEL)	3	845.86	27.02	818.84
P-117	3	833.96	15.99	817.97
P-118	3	826.74	8.88	817.86

Notes:
GW = Groundwater
TOC = Top of Casing
AMSL = Above Mean Sea Level
Footnotes:
1. Recorded water level for well P-114 was not consistent with historical data and may be the result of field documented error.

Created by: P. Popp, 8/1/2023
Checked by: M. Wagler 8/2/2023

Table 3: Parameters That Exceed Current NR140 Standards
FF/NN Landfill
Ripon, Wisconsin
First Quarter 2023

Chemical Parameter	Units	NR140 PAL	NR140 ES	Well ID	Date	Result	Data Flags	Exceedance
Manganese, dissolved	µg/L	25	50	MW-003A	3/21/2023	**448**		ES
				MW-003B	3/21/2023	**92.8**		ES
				P-103D	3/21/2023	**84.1**		ES
				P-103D DUP	3/21/2023	**83.1**		ES
				P-107D	3/21/2023	**201**		ES
				P-111D	3/21/2023	*31.8*		PAL
				P-113B	3/22/2023	*37.3*		PAL
				P-114	3/22/2023	**66.9**		ES
				P-115 (WIESE)	3/22/2023	**114**		ES
				P-116 (HADEL)	3/22/2023	**82.8**		ES
				P-117	3/21/2023	**210**		ES
				P-118	3/21/2023	**56.2**		ES
Methylene chloride	µg/L	0.5	5	TRIP BLANK	3/21/2023	*0.66*		PAL
Vinyl chloride	µg/L	0.02	0.2	MW-003B	3/21/2023	*0.054*	J	PAL
				P-103D	3/21/2023	**0.23**		ES
				P-103D DUP	3/21/2023	**0.22**		ES
				P-107D	3/21/2023	**4.5**		ES
				P-111D	3/21/2023	**3.6**		ES
				P-114	3/22/2023	**7.3**		ES
				P-115 (WIESE)	3/22/2023	**0.43**		ES
				P-117	3/21/2023	**1.1**		ES
				P-118	3/21/2023	*0.13*		PAL

Notes:

Created by: P. Popp, 5/23/2023

Checked by: M. Tofte, 6/1/2023

1. µg/l = micrograms per liter (ppb).
2. mg/L = milligrams per liter (ppm).
2. NR 140 ES = Wisconsin Administrative Code Chapter NR 140 Enforcement Standard.
3. NR 140 PAL = Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit.
4. **BOLD** = Exceedence (or potential exceedence if J- flagged) of the NR 140, WAC ES.
5. *Italics* = Exceedence (or potential exceedence if J- flagged) of the NR 140, WAC PAL.
6. J = Reported concentration is estimated.

Table 4: Parameters That Exceed Current NR140 Standards
FF/NN Landfill
Ripon, Wisconsin
Second Quarter 2023

Chemical Parameter	Units	NR140 PAL	NR140 ES	Well ID	Date	Result	Data Flags	Exceedance
Manganese, dissolved	µg/L	25	50	MW-003A	6/21/2023	**431**		ES
				MW-003B	6/21/2023	**90.4**		ES
				MW-003B DUP	6/21/2023	**90.3**		ES
				MW-112	6/21/2023	**303**		ES
				P-103	6/20/2023	**81.8**		ES
				P-103D	6/20/2023	**88.7**		ES
				P-107D	6/21/2023	**182**		ES
				P-111D	6/21/2023	*29.6*		PAL
				P-113B	6/21/2023	*36.3*		PAL
				P-114	6/22/2023	**64.6**		ES
				P-115 (WIESE)	6/22/2023	**112**		ES
				P-115 (WIESE) D	6/22/2023	**111**		ES
				P-116 (HADEL)	6/22/2023	**77**		ES
				P-117	6/21/2023	**199**		ES
				P-118	6/21/2023	*48.8*		PAL
Nitrogen, nitrate + nitrite, total	mg/L	2	10	MW-103	6/20/2023	**14**		ES
Trichloroethene	µg/L	0.5	5	MW-103	6/20/2023	*0.79*		PAL
Vinyl chloride	µg/L	0.02	0.2	MW-003B	6/21/2023	*0.052*	J	PAL
				MW-003B DUP	6/21/2023	*0.069*	J	PAL
				MW-104	6/20/2023	**0.35**		ES
				P-103D	6/20/2023	**0.2**		ES
				P-107	6/20/2023	**0.92**		ES
				P-107D	6/21/2023	**5.2**		ES
				P-111D	6/21/2023	**3.2**		ES
				P-114	6/22/2023	**7.8**		ES
				P-115 (WIESE)	6/22/2023	**0.37**		ES
				P-115 (WIESE) D	6/22/2023	**0.44**		ES
				P-117	6/21/2023	**1.1**		ES
				P-118	6/21/2023	*0.19*		PAL

Notes:

Created by: P. Popp, 8/1/2023

Checked by: M. Wagler, 8/2/2023

1. µg/l = micrograms per liter (ppb).
2. mg/L = milligrams per liter (ppm).
2. NR 140 ES = Wisconsin Administrative Code Chapter NR 140 Enforcement Standard.
3. NR 140 PAL = Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit.
4. **BOLD** = Exceedence (or potential exceedence if J- flagged) of the NR 140, WAC ES.
5. *Italics* = Exceedence (or potential exceedence if J- flagged) of the NR 140, WAC PAL.
6. J = Reported concentration is estimated.

Table 5: Detected Parameters in Groundwater
FF/NN Landfill
Ripon, Wisconsin
First Quarter 2023

Parameter	Units	NR 140 ES	NR 140 PAL	MW-003A 3/21/2023 1302514	MW-003B 3/21/2023 1302517	P-103D 3/21/2023 1302518	P-103D DUP 3/21/2023 1302528	P-107D 3/21/2023 1302519	P-111D 3/21/2023 1302520	P-113A 3/22/2023 1302521	P-113B 3/22/2023 1302522
Field Parameters											
pH, field	SU			7.31	7.39	7.16		6.87	7.23	7.00	6.87
Conductance, specific	µmhos/cm			560.73	695.11	783.37		624.0	863.91	583.61	710.16
ORP	mV			-0.02	-36.67	69.98		102.08	75.19	59.66	56.64
Oxygen, dissolved	mg/L			0.17	0.23	0.28		2.55	0.25	0.33	0.17
Turbidity, field				NONE	NONE	NONE		NONE	NONE	NONE	NONE
Turbidity, field	NTU			0.90	0.90	1.80		6.50	2.70	1.5	1.40
Temperature	Deg C			9.03	9.22	9.64		9.50	9.13	9.02	9.50
Color, field				NONE	BLACK	NONE		NONE	NONE	NONE	NONE
Odor, field				NONE	SULFUR	NONE		NONE	NONE	NONE	NONE
Inorganic Analytes											
Sulfate, total	mg/L	250	125	19	54	65	66	27	56	12	71
Manganese, dissolved	µg/L	50	25	**448**	**92.8**	**84.1**	**83.1**	**201**	*31.8*	11.9	*37.3*
Organic Analytes											
Benzene	µg/L	5	0.5	< 0.022	< 0.022	0.028 J	0.023 J	< 0.022	< 0.022	< 0.022	< 0.022
Chloroethane	µg/L	400	80	< 0.4	< 0.4	< 0.4	< 0.4	1.2 J	0.68 J	< 0.4	< 0.4
cis-1,2-Dichloroethene	µg/L	70	7	< 0.023	< 0.023	0.24	0.22	1.5	3.4	< 0.023	< 0.023
Methylene chloride	µg/L	5	0.5	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09
Trichloroethene	µg/L	5	0.5	< 0.022	< 0.022	0.077 J	0.069 J	0.11	< 0.022	< 0.022	< 0.022
Vinyl chloride	µg/L	0.2	0.02	< 0.019	*0.054 J*	**0.23**	**0.22**	**4.5**	**3.6**	< 0.019	< 0.019

Notes:

1. µg/l = micrograms per liter (ppb).
2. SU = Standard Units
3. µmhos/cm = microSiemens per centimeter
4. Deg C = Degrees Celsius
5. mV = millivolts
6. mg/L = milligrams per liter (ppm).
7. Metals analyzed using EPA Method 6010.
8. NR 140 ES = Wisconsin Administrative Code Chapter NR 140 Enforcement Standard.
9. NR 140 PAL = Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit.
10. **BOLD** = Exceedence (or potential exceedence if J-flagged) of the NR 140, WAC ES.
11. *Italics* = Exceedence (or potential exceedence if J-flagged) of the NR 140, WAC PAL.
12. ORP - Oxidation Reduction Potential
13. J = Reported concentration is estimated.

Table 5: Detected Parameters in Groundwater
FF/NN Landfill
Ripon, Wisconsin
First Quarter 2023

Parameter	Units	NR 140 ES	NR 140 PAL	P-114 3/22/2023 1302523	P-115 (WIESE) 3/22/2023 1302524	P-116 (HADEL) 3/22/2023 1302525	P-117 3/21/2023 1302526	P-118 3/21/2023 1302527	TRIP BLANK 3/21/2023 1302529
Field Parameters									
pH, field	SU			7.12	7.20	7.21	7.20	7.31	
Conductance, specific	µmhos/cm			823.90	658.23	552.71	753.81	617.75	
ORP	mV			46.52	28.04	61.34	42.38	40.91	
Oxygen, dissolved	mg/L			0.15	0.13	0.30	0.25	0.31	
Turbidity, field				NONE	NONE	NONE	NONE	NONE	
Turbidity, field	NTU			1.40	2.10	10.20	1.00	1.30	
Temperature	Deg C			9.60	9.88	8.74	10.02	9.78	
Color, field				NONE	NONE	NONE	NONE	NONE	
Odor, field				NONE	NONE	NONE	NONE	NONE	
Inorganic Analytes									
Sulfate, total	mg/L	250	125	54	33	12	55	29	
Manganese, dissolved	µg/L	50	25	**66.9**	**114**	**82.8**	**210**	**56.2**	
Organic Analytes									
Benzene	µg/L	5	0.5	< 0.022	< 0.022	< 0.022	0.025 J	< 0.022	< 0.022
Chloroethane	µg/L	400	80	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
cis-1,2-Dichloroethene	µg/L	70	7	1.8	0.19	< 0.023	0.72	< 0.023	< 0.023
Methylene chloride	µg/L	5	0.5	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09	*0.66*
Trichloroethene	µg/L	5	0.5	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022
Vinyl chloride	µg/L	0.2	0.02	**7.3**	**0.43**	< 0.019	**1.1**	*0.13*	< 0.019

Notes:

Created by: P. Popp, 5/23/2023

Checked by: M. Tofte, 6/1/2023

1. µg/l = micrograms per liter (ppb).
2. SU = Standard Units
3. µmhos/cm = microSiemens per centimeter
4. Deg C = Degrees Celsius
5. mV = millivolts
6. mg/L = milligrams per liter (ppm).
7. Metals analyzed using EPA Method 6010.
8. NR 140 ES = Wisconsin Administrative Code Chapter NR 140 Enforcement Standard.
9. NR 140 PAL = Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit.
10. **BOLD** = Exceedence (or potential exceedence if J-flagged) of the NR 140, WAC ES.
11. *Italics* = Exceedence (or potential exceedence if J-flagged) of the NR 140, WAC PAL.
12. ORP - Oxidation Reduction Potential
13. J = Reported concentration is estimated.

Table 6: Detected Parameters in Groundwater
FF/NN Landfill
Ripon, Wisconsin
Second Quarter 2023

Parameter	Units	NR140 ES	NR 140 PAL	MW-003A 6/21/2023 1339910	MW-003B 6/21/2023 1339911	MW-003B DUP 6/21/2023 1339929	MW-103 6/20/2023 1339912	MW-104 6/20/2023 1339915	MW-107 6/20/2023 1339917	MW-112 6/21/2023 1339921	P-103 6/20/2023 1339913	P-103D 6/20/2023 1339914	P-106 6/20/2023 1339916	P-107 6/20/2023 1339918	P-107D 6/21/2023 1339919	P-111D 6/21/2023 1339920	P-113A 6/21/2023 1339922	P-113B 6/21/2023 1339923	P-114 6/22/2023 1339924	P-115 (WIESE) 6/22/2023 1339925	P-115 (WIESE) D 6/22/2023 1339935	P-116 (HADEL) 6/22/2023 1339926	P-117 6/21/2023 1339927	P-118 6/21/2023 1339928	TRIP BLANK 6/21/2023 1339936
Field Parameters																										
Depth to water	Feet			31.85	30.56		50.61	51.72	51.16	53.81	49.58	50.56	55.19	50.79	52.51	35.51	16.05	15.16	23.22	23.41		27.02	15.99	8.88	
Water elevation	Feet			818.75	820.33		821.69	823.48	820.53	820.89	823.16	822.35	823.61	820.54	819.39	820.05	817.11	818	826.14	819.26		818.84	817.97	817.86	
pH, field	SU			7.45	7.66		6.46	7.55	7.09	7.26	6.59	6.76	7.5	6.84	6.81	6.94	7.33	7.76	7.51	7.6		7.77	6.97	7.1	
Conductance, specific	µmhos/cm			541.36	648.76		844.25	939.78	754.78	900.61	673.64	764.84	559.41	764.64	613.07	852.71	537.82	655.04	773.58	625.2		528.72	753.33	610.52	
ORP	mV			-42.7	-126.3		122.3	89.37	98.53	-95.2	86.3	68	-80.9	44.6	96.8	68.2	-0.4	-114.8	-98.5	-108.1		-52.3	42.7	38.9	
Oxygen, dissolved	mg/L			0.17	0.18		6.51	3.35	8.03	4.41	0.47	0.37	0.35	0.66	2.99	0.93	1.37	0.22	0.13	0.16		0.2	0.74	0.41	
Turbidity, field				NONE	NONE		NONE	MOD	VERY	SLIGHT	NONE	NONE	NONE	NONE	NONE	NONE	NONE	SLIGHT	NONE	NONE		NONE	NONE	NONE	
Turbidity, field	NTU			0.15	4.92		4.9	8	75.7	119.05	6.04	0.28	0.51	8.56	0.41	0.99	0.05	28.25	8.8	2.1		0.15	0.91	0.55	
Temperature	Deg C			11.16	10.38		21.53	18.59	18.02	23.57	12.79	12.34	10.97	14.57	13.91	12.4	11.89	14.29	10.88	12		14.47	11.56	12.31	
Color, field				NONE	NONE		NONE	GREY	OR-BRN	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	BROWN	NONE	NONE		NONE	NONE	NONE	
Odor, field				NONE	NONE		NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE	NONE		NONE	NONE	NONE	
Inorganic Analytes																										
Nitrogen, nitrate + nitrite, total	mg/L	10	2	< 0.05	< 0.05	< 0.05	**14**			0.47	< 0.05	< 0.05			< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	
Sulfate, total	mg/L	250	125	20	51	57	89			52	55	67			29	29	11	74	56	35	35	13	55	28	
Manganese, dissolved	µg/L	50	25	**431**	**90.4**	**90.3**	< 2.4			**303**	**81.8**	**88.7**			**182**	*29.6*	7.4 J	*36.3*	**64.6**	**112**	**111**	**77**	**199**	*48.8*	
Organic Analytes																										
1,1-Dichloroethane	µg/L	850	85	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	0.022 J	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017
1,2,4-Trimethylbenzene	µg/L	480	96	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	0.016 J	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011
1,4-Dichlorobenzene	µg/L	75	15	< 0.017	< 0.017	< 0.017	< 0.017	1.4	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017	< 0.017
Acetone	µg/L	9000	1800	1.7 JU	1.7 JU	1.6 JU	1.8 JU	3.4 JU	1.8 JU	1.9 JU	1.6 JU	1.6 JU	1.7 JU	1.6 JU	1.6 JU	1.7 JU	1.5 JU	1.5 JU	1.6 JU	1.6 JU	1.7 JU	1.6 JU	1.5 JU	1.7 JU	2.5 J
Benzene	µg/L	5	0.5	< 0.022	< 0.022	< 0.022	< 0.022	0.13	< 0.022	< 0.022	< 0.022	0.028 J	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022
Carbon disulfide	µg/L	1000	200	< 0.11	< 0.11	< 0.11	< 0.11	0.18 J	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11
Chlorobenzene	µg/L	100	20	< 0.013	< 0.013	< 0.013	< 0.013	3.6	< 0.013	0.081 J	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Chloroethane	µg/L	400	80	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	1.4 J	0.74 J	< 0.4	< 0.4	0.4 J	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4
cis-1,2-Dichloroethene	µg/L	70	7	< 0.023	0.035 J	< 0.023	0.086 J	0.13	< 0.023	0.065 J	< 0.023	0.25	< 0.023	0.25	1.7	3.2	< 0.023	< 0.023	1.9	0.2	0.21	< 0.023	0.65	< 0.023	< 0.023
Dichlorodifluoromethane	µg/L	1000	200	< 0.091	< 0.091	< 0.091	< 0.091	< 0.091	< 0.091	< 0.091	< 0.091	< 0.091	< 0.091	< 0.091	0.28 J	0.27 J	< 0.091	< 0.091	0.28 J	< 0.091	< 0.091	< 0.091	< 0.091	< 0.091	< 0.091
di-Isopropyl ether	µg/L			< 0.02	< 0.02	< 0.02	< 0.02	0.04 J	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Isopropylbenzene	µg/L			< 0.02	< 0.02	< 0.02	< 0.02	0.086 J	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Methylene chloride	µg/L	5	0.5	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09	< 0.09	0.18 J
sec-Butylbenzene	µg/L			< 0.021	< 0.021	< 0.021	< 0.021	0.058 J	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021
Tetrachloroethene	µg/L	5	0.5	< 0.028	< 0.028	< 0.028	0.22	< 0.028	0.036 J	0.1 J	< 0.028	< 0.028	< 0.028	< 0.028	< 0.028	< 0.028	< 0.028	< 0.028	< 0.028	< 0.028	< 0.028	< 0.028	< 0.028	< 0.028	< 0.028
Toluene	µg/L	800	160	< 0.02	< 0.02	< 0.02	< 0.02	0.061 J	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
trans-1,2-dichloroethene	µg/L	100	20	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.048 J	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Trichloroethene	µg/L	5	0.5	< 0.022	< 0.022	< 0.022	*0.79*	0.046 J	< 0.022	0.34	< 0.022	0.075 J	0.12	0.11	0.11	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	< 0.022	0.057 J	< 0.022	< 0.022
Trimethylbenzenes, total	µg/L	480	96	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	0.016	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013
Vinyl chloride	µg/L	0.2	0.02	< 0.019	*0.052 J*	*0.069 J*	< 0.019	**0.35**	< 0.019	< 0.019	< 0.019	**0.2**	< 0.019	**0.92**	**5.2**	**3.2**	< 0.019	< 0.019	**7.8**	**0.37**	**0.44**	< 0.019	**1.1**	*0.19*	< 0.019

Notes:

Created by: P. Popp, 8/1/2023

Checked by: M. Wagler 8/2/2023

1. µg/l = micrograms per liter (ppb).
2. SU = Standard Units
3. µmhos/cm = microSiemens per centimeter
4. Deg C = Degrees Celsius
5. mV = millivolts
6. mg/L = milligrams per liter (ppm).
7. ORP - Oxidation Reduction Potential
8. J = Reported concentration is estimated.
9. U = Result is noted at a comparable concentration in an associated blank and the sample concentration was flagged during data review as non-detect.
10. Metals analyzed using EPA Method 6010.
11. NR 140 ES = Wisconsin Administrative Code Chapter NR 140 Enforcement Standard.
12. NR 140 PAL = Wisconsin Administrative Code Chapter NR 140 Preventive Action Limit.
13. **BOLD** = Exceedence (or potential exceedence if J-flagged) of the NR 140, WAC ES.
14. *Italics* = Exceedence (or potential exceedence if J-flagged) of the NR 140, WAC PAL.

Table 7: Detected Parameters in Leachate
FF/NN Landfill
Ripon, Wisconsin
Second Quarter 2023

Parameter	Units	LC-1 6/21/2023 1339932	LC-2 6/21/2023 1339933	LC-3 6/21/2023 1339934
Organic Analytes				
1,2,4-Trimethylbenzene	µg/L	11	28	13
1,3,5-Trimethylbenzene	µg/L	3.5 J	< 3	4.8 J
1,4-Dichlorobenzene	µg/L	< 1.7	8.2 J	3.9 J
2-Butanone	µg/L	< 15	< 29	120 J
Acetone	µg/L	29 JU	< 41 J	300 J
Benzene	µg/L	3.2 J	< 4.7	< 4.7
Chlorobenzene	µg/L	2.7 J	110	< 3.7
cis-1,2-Dichloroethene	µg/L	< 2.1	< 4.1	71
Ethylbenzene	µg/L	< 2.1	< 4.2	86
Isopropylbenzene	µg/L	< 2	3.9 J	< 3.9
Naphthalene	µg/L	7.6	6.1 J	< 3.5
n-Propylbenzene	µg/L	< 1.7	4 J	< 3.4
Tetrahydrofuran	µg/L	180	47 J	110 J
Toluene	µg/L	1.7 J	< 2.7	140
Trimethylbenzenes, total	µg/L	14.5	28	17.8
Vinyl chloride	µg/L	< 0.75	< 1.5	8.2
Xylene, M + P	µg/L	52	57	310
Xylene, O	µg/L	< 3.6	< 7.2	85
Xylene, total	µg/L	52	57	395

Notes:

1. µg/l = micrograms per liter (ppb).
2. J = Reported concentration is estimated.

Created by: P. Popp, 8/1/2023
Checked by: M. Wagler 8/2/2023

Table 8: VOC Concentration Mann-Kendall Trend Test Results
FF/NN Landfill
Ripon, Wisconsin
Second Quarter 2023

	Data Summary						Mann-Kendall Trend Test Results - 2023 S1
	# Detections That Attain or Exceed NR 140 PAL	# Detections That Attain or Exceed NR 140 ES	# Detections	# Samples Evaluated	% Detections	Earliest Sample Date Included in Trend Test (MMM-YY)	Confidence Coefficient = 0.95, Level of Significance = 0.05
TCE							
MW-103	8	0	8	8	100%	Jul-19	Decrease
P-103D	0	0	12	12	100%	Jul-20	No trend
P-107	0	0	6	8	75%	Apr-16	Increase, with maximum at less than 1/2 PAL (analysis of detections only, see Note 1)
P-107D	0	0	12	12	100%	Jul-20	No trend
P-117	0	0	10	12	83%	Jul-20	No trend
cis-1,2-DCE							
MW-103	0	0	8	8	100%	Jul-19	Decrease
P-103D	0	0	12	12	100%	Jul-20	Decrease
P-107	0	0	7	8	88%	Apr-16	No trend
P-107D	0	0	12	12	100%	Jul-20	No trend
P-111D	0	0	12	12	100%	Jul-20	No trend
P-114	0	0	12	12	100%	Jul-20	No trend
P-117	0	0	12	12	100%	Jul-20	Decrease
VC							
P-103D	12	10	12	12	100%	Jul-20	Decrease
P-107	8	8	8	8	100%	Apr-16	No trend
P-107D	12	12	12	12	100%	Jul-20	No trend
P-111D	12	12	12	12	100%	Jul-20	No trend
P-114	12	12	12	12	100%	Jul-20	No trend
P-117	12	12	12	12	100%	Jul-20	No trend
P-118	11	0	11	12	92%	Jul-20	Increase, with maximum greater than PAL

Notes:

1. Trend analysis was completed for trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE) and vinyl chloride (VC) data from plume centerline wells that had at least 50% detections or at least eight detections total for the given parameter over the timeframe evaluated for the trend analyses (last 12 rounds of data if sampled quarterly, or last 8 rounds of data if sampled less frequently). Nondetect results were represented with the detection limit except for TCE data for P-107, for which only detections were analyzed due to early nondetect results with high detection limits.
2. No trend = insufficient statistical evidence of a significant trend at the specified level of significance.

Prepared by: L. Auner, 8/7/2023
Data summary checked by: H. Walters, 8/10/2023
Trend test results checked by: J. Peterson, 8/16/2023

Table 9: Landfill Gas Field Parameter Monitoring Results
FF/NN Landfill
Ripon, Wisconsin
First and Second Quarter 2023

Monitoring Point	Time	Date	CH_4 (%)	CO_2 (%)	O_2 (%)	N (%)	Comments
Background	13:12	1/13/2023	0.0	0.0	20.9	79.1	
	10:08	1/27/2023	0.0	0.0	20.9	79.1	
	13:07	2/8/2023	0.0	0.0	20.9	79.1	
	11:05	6/21/2023	0.0	0.0	20.8	79.2	
LC-1	13:33	1/13/2023	22.5	25.4	4.8	47.3	
	-	1/27/2023	-	-	-	-	Sample port was frozen.
	13:40	2/8/2023	24.0	30.8	1.4	43.8	
	14:58	6/1/2023	27.7	13.7	10.7	47.9	
	12:15	6/21/2023	36.9	26.4	0.07	36.6	
LC-2	13:48	1/13/2023	44.0	33.2	1.3	21.5	
	-	1/27/2023	-	-	-	-	Sample port was frozen.
	13:53	2/8/2023	53.0	38.6	0.2	8.2	
	14:50	6/1/2023	8.0	8.3	8.7	75.0	
	11:47	6/21/2023	2.6	7.8	11.0	78.6	
LC-3	13:43	1/13/2023	33.5	30.4	2.2	33.9	
	-	1/27/2023	-	-	-	-	Sample port was frozen.
	13:47	2/8/2023	40.5	37.6	0.3	21.6	
	15:06	6/1/2023	53.2	29.2	2.1	15.5	
	12:33	6/21/2023	40.2	26.6	2.1	31.1	
GV-4	-	1/13/2023	-	-	-	-	Sample port was frozen.
	-	1/27/2023	-	-	-	-	Sample port was frozen.
	13:33	2/8/2023	2.3	5.6	14.1	78.1	
	15:00	6/1/2023	43.1	22.2	1.3	33.4	
	12:27	6/21/2023	2.9	14.1	7.3	75.7	
GV-6	-	1/13/2023	-	-	-	-	Sample port was frozen.
	-	1/27/2023	-	-	-	-	Sample port was frozen.
	13:43	2/8/2023	7.0	18.0	2.1	72.9	
	14:54	6/1/2023	37.8	24.3	0	37.9	
	12:09	6/21/2023	16.1	12.3	9.8	61.8	
Exhaust	13:19	1/13/2023	2.0	2.0	19.3	76.7	
	10:16	1/27/2023	2.6	2.2	19.3	75.9	
	13:21	2/8/2023	0.15	0.2	20.9	78.8	
	11:21	6/21/2023	3.7	4.3	17.1	74.9	

Notes:

Updated By: M. Wagler 12/22/2023

Checked by: M .Holicky 1/22/2023

CH_4 = Methane

CO_2 = Carbon Dioxide

O_2 = Oxygen

N = Nitrogen

% = Percent

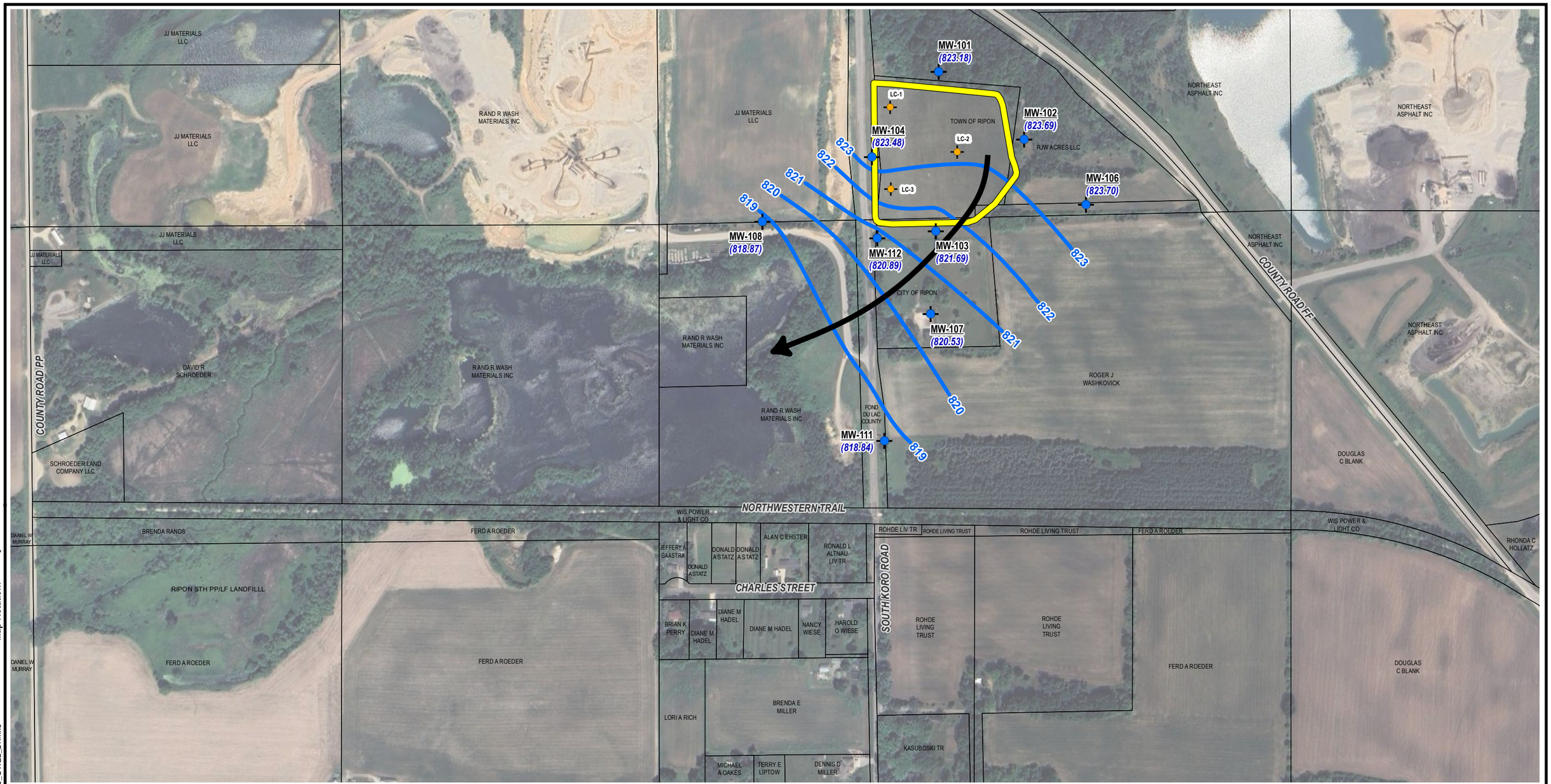
- = Reading not collected, see comments.

Table 10: Gas Probe Field Parameter Monitoring Results
FF/NN Landfill
Ripon, Wisconsin
First and Second Quarter 2023

Monitoring Point	Time	Date	CH_4 (%)	CO_2 (%)	O_2 (%)	N (%)	Comments
GP-1	13:12	1/13/2023	0.0	5.6	10.2	84.2	
	13:53	1/13/2023	0.0	5.8	10.6	83.6	
	10:09	1/27/2023	-	-	-	-	Sample port was frozen.
	13:09	2/8/2023	0.0	4.8	11.4	83.8	Shut off blower
	13:59	2/8/2023	0.0	5.4	11.2	83.4	Shut off blower
	8:30	3/21/2023	0.0	0.3	20.4	79.3	
	9:37	5/9/2023	0.0	3.8	10.3	85.9	
	8:01	6/21/2023	0.4	11.0	1.8	86.8	
GP-2	13:25	1/13/2023	-	-	-	-	Sample port was frozen.
	-	1/27/2023	-	-	-	-	Sample port was frozen.
	13:29	2/8/2023	0.0	6.2	11.7	82.1	Shut off blower
	9:08	3/21/2023	0.0	0.1	20.7	79.2	
	10:09	5/9/2023	0.0	0.6	20	79.4	
	8:31	6/21/2023	0.0	0.0	20.8	79.2	
GP-3	9:25	3/21/2023	0.0	0.2	20.6	79.2	
	10:55	5/9/2023	0.0	0.0	20.8	79.2	
	8:36	6/21/2023	0.0	0.1	20.7	79.2	
G-4	9:44	3/21/2023	0.0	0.8	19.9	79.3	
	11:03	5/9/2023	0.0	0.8	19.7	79.5	
	8:44	6/21/2023	0.0	1.0	20.7	78.3	
GP-5	8:34	3/21/2023	0.0	1.6	18.2	80.2	
	9:40	5/9/2023	0.0	1.7	17.5	80.8	
	8:05	6/21/2023	0.0	5.9	11.9	82.2	
GP-6	10:00	3/21/2023	0.0	1.5	18.5	80.0	
	10:19	5/9/2023	0.0	0.6	20.1	79.3	
	8:55	6/21/2023	0.0	0.6	20.1	79.3	
GP-7	9:56	3/21/2023	0.0	0.0	20.8	79.2	
	10:15	5/9/2023	0.0	0.0	20.8	79.2	
	8:52	6/21/2023	0.0	0.0	20.8	100.0	
GP-10	9:04	3/21/2023	0.0	1.7	15.4	82.9	
	10:00	5/9/2023	0.0	2.4	13.5	84.1	
	8:29	6/21/2023	0.0	4.2	14.5	81.3	
GP-11	8:47	3/21/2023	0.0	2.5	18.3	79.2	
	11:08	5/9/2023	0.0	2.5	17.6	79.9	
	8:17	6/21/2023	0.0	2.1	18.8	79.1	
GP-12	8:41	3/21/2023	0.0	2.8	17.6	79.6	
	11:16	5/9/2023	0.0	3.0	17.4	79.6	
	8:13	6/21/2023	0.0	1.5	19.4	79.1	
MW-101	8:51	3/21/2023	0.0	0.4	20.3	79.3	
	11:12	5/9/2023	0.0	0.5	20.1	79.4	
	8:22	6/21/2023	0.0	0.1	20.6	79.3	
MW-102	8:37	3/21/2023	0.0	0.3	20.3	79.4	
	11:16	5/9/2023	0.0	0.4	20.2	79.4	
	8:07	6/21/2023	0.0	0.5	19.5	80.0	
MW-103	9:40	3/21/2023	0.0	0.0	20.8	79.2	
	10:58	5/9/2023	0.0	0.0	20.8	79.2	Open to Atmosphere
	8:41	6/21/2023	0.0	0.3	20.4	79.3	
MW-104	9:18	3/21/2023	0.0	0.0	20.8	79.2	
	11:21	5/9/2023	0.0	0.0	20.8	79.2	Open to Atmosphere
	9:00	6/21/2023	0.0	0.8	19.2	80.0	

Notes:
CH_4 = Methane
CO_2 = Carbon Dioxide
O_2 = Oxygen
N = Nitrogen
% = Percent
- = no measurement recorded, see comments.

Updated By: M. Wagler 12/19/2023
Checked by: M. Holicky 1/18/2024
Updated by: M. Holicky 1/19/2024
Checked by: A. Stehn 1/22/2024



LEGEND

- **MW-112** *(821.67)* — MONITORING WELL, PIEZOMETER LOCATION WITH GROUNDWATER ELEVATION
- LEACHATE HEAD WELL
- GROUNDWATER FLOW DIRECTION
- GROUNDWATER ELEVATION CONTOUR
- TAX PARCEL
- RIPON FF/NN LANDFILL SITE

NOTES

1. BASE MAP IMAGERY FROM GOOGLE EARTH PRO., (06/2023).

N

0 200 400 Feet

1 " = 400 '

1:4,800

PROJECT:
FF/NN LANDFILL NPL SITE
RIPON, WI
SECOND QUARTER 2023 REPORTING

TITLE:
GROUNDWATER ELEVATION MAP
QUARTER 2 LAYER 1 WELLS
JUNE 20, 2023

DRAWN BY:	A. FOJTIK	PROJ. NO.:	538168
CHECKED BY:	L. AUNER		
APPROVED BY:	S. SELLWOOD		**FIGURE 1**
DATE:	FEBRUARY 2024		

TRC
6737 W Washington St., Suite 2100
West Allis, WI 53214
Phone: 262.879.1212
www.trcsolutions.com

FILE NO.: 538168_GWEL_L1.mxd

Plot Date: 2/21/2024, 10:53:06 AM by AFOJTIK -- LAYOUT: ANSI B (11"x17")
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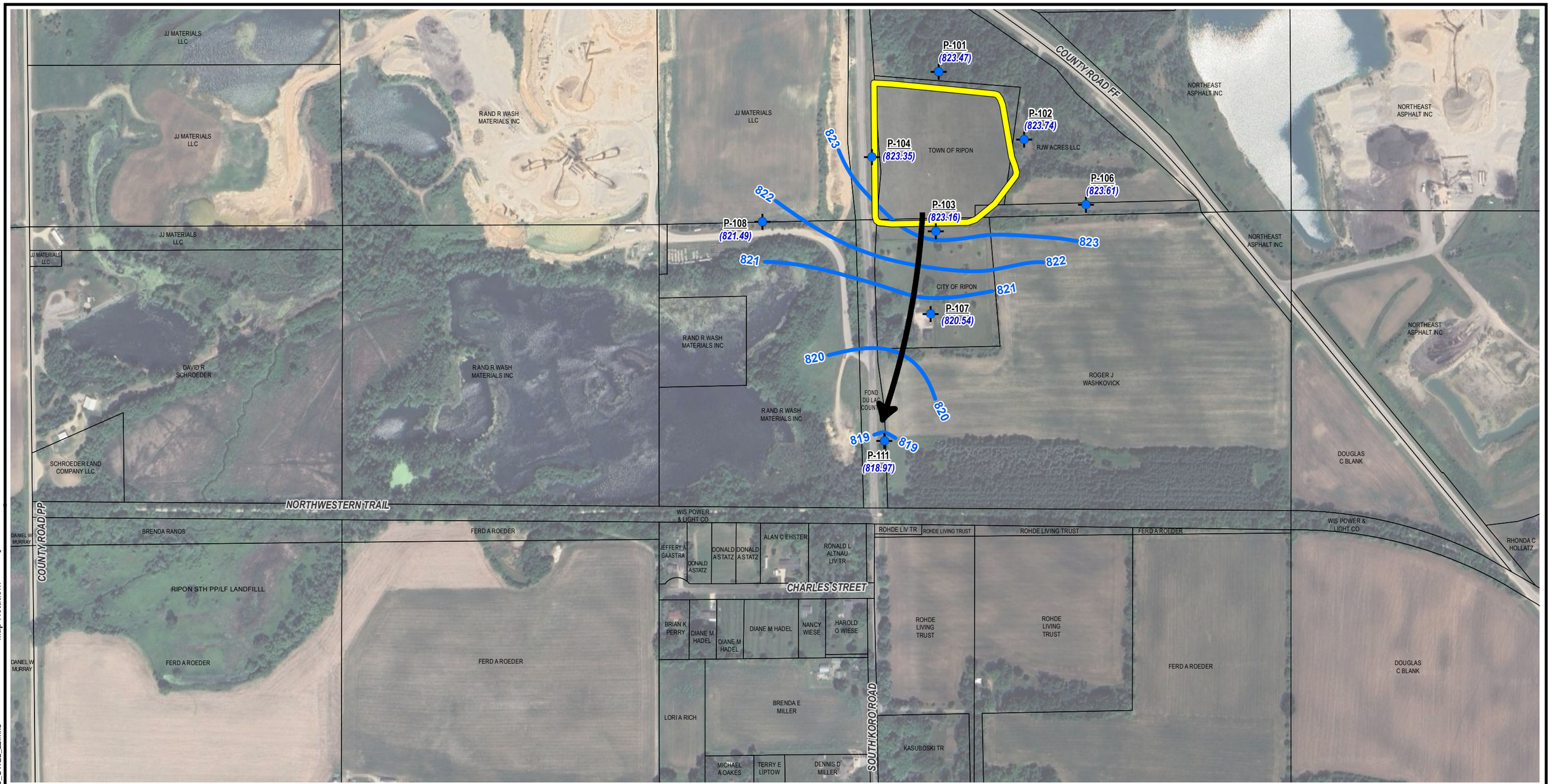
Map Rotation: 0
TRC - GIS



LEGEND

- **MW-112** *(821.78)* MONITORING WELL, PIEZOMETER LOCATION WITH GROUNDWATER ELEVATION
- GROUNDWATER FLOW DIRECTION
- TAX PARCEL
- RIPON FF/NN LANDFILL SITE

NOTES

1. BASE MAP IMAGERY FROM GOOGLE EARTH PRO., (06/2023).

N

0 200 400 Feet

1 " = 400 '

1:4,800

PROJECT:
FF/NN LANDFILL NPL SITE
RIPON, WI
SECOND QUARTER 2023 REPORTING

TITLE:
GROUNDWATER ELEVATION MAP
QUARTER 2 LAYER 2 WELLS
JUNE 20, 2023

DRAWN BY:	A. FOJTIK	PROJ. NO.:	538168
CHECKED BY:	L. AUNER		
APPROVED BY:	S. SELLWOOD		**FIGURE 2**
DATE:	FEBRUARY 2024		

TRC
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Phone: 262.879.1212
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FILE NO.: 538168_GWEL_L2.mxd

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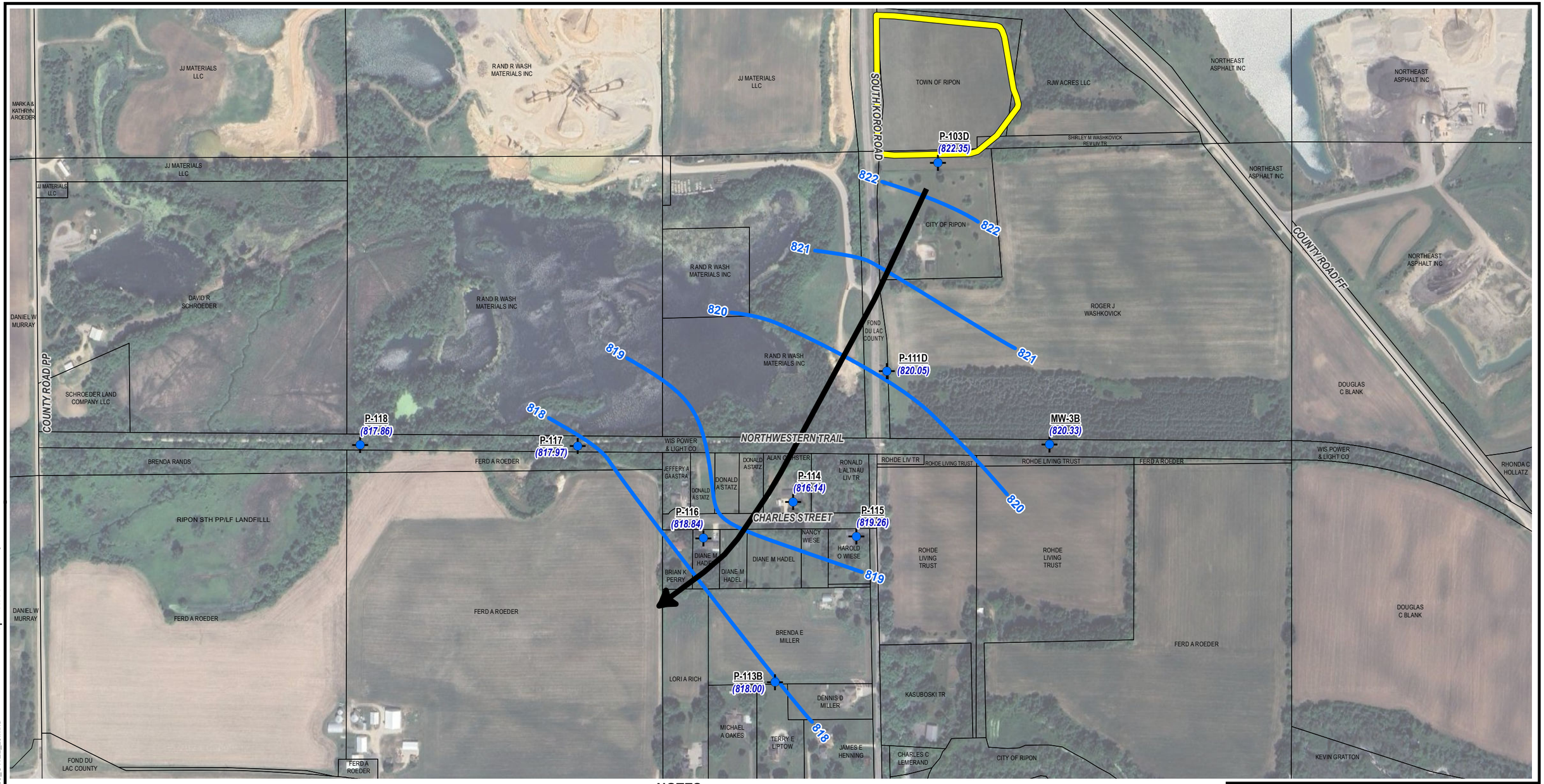
Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet (Foot US)
Map Rotation: 0

TRC - GIS

TRC - GIS



LEGEND

- **MW-112** *(821.13)* — MONITORING WELL, PIEZOMETER LOCATION WITH GROUNDWATER ELEVATION
- GROUNDWATER FLOW DIRECTION
- GROUNDWATER ELEVATION CONTOUR
- TAX PARCEL
- RIPON FF/NN LANDFILL

NOTES

1. BASE MAP IMAGERY FROM GOOGLE EARTH PRO., (06/2023).
2. GROUNDWATER ELEVATION IN P-114 NOT USED IN CONTOURING.

N

0 200 400 Feet

1 " = 400 '

1:4,800

PROJECT:
FF/NN LANDFILL NPL SITE
RIPON, WI
SECOND QUARTER 2023 REPORTING

TITLE:
GROUNDWATER ELEVATION MAP
QUARTER 2 LAYER 3 WELLS
JUNE 20, 2023

DRAWN BY:	A. FOJTIK	PROJ. NO.:	538168
CHECKED BY:	L. AUNER		
APPROVED BY:	S. SELLWOOD		**FIGURE 3**
DATE:	FEBRUARY 2024		

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West Allis, WI 53214
Phone: 262.879.1212
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FILE NO.: 538168_GWEL_L3.mxd

Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet (Foot US)
Map Rotation: 0

Plot Date: 2/21/2024, 10:52:11 AM by AFOJTIK -- LAYOUT: ANSI B(11"x17")
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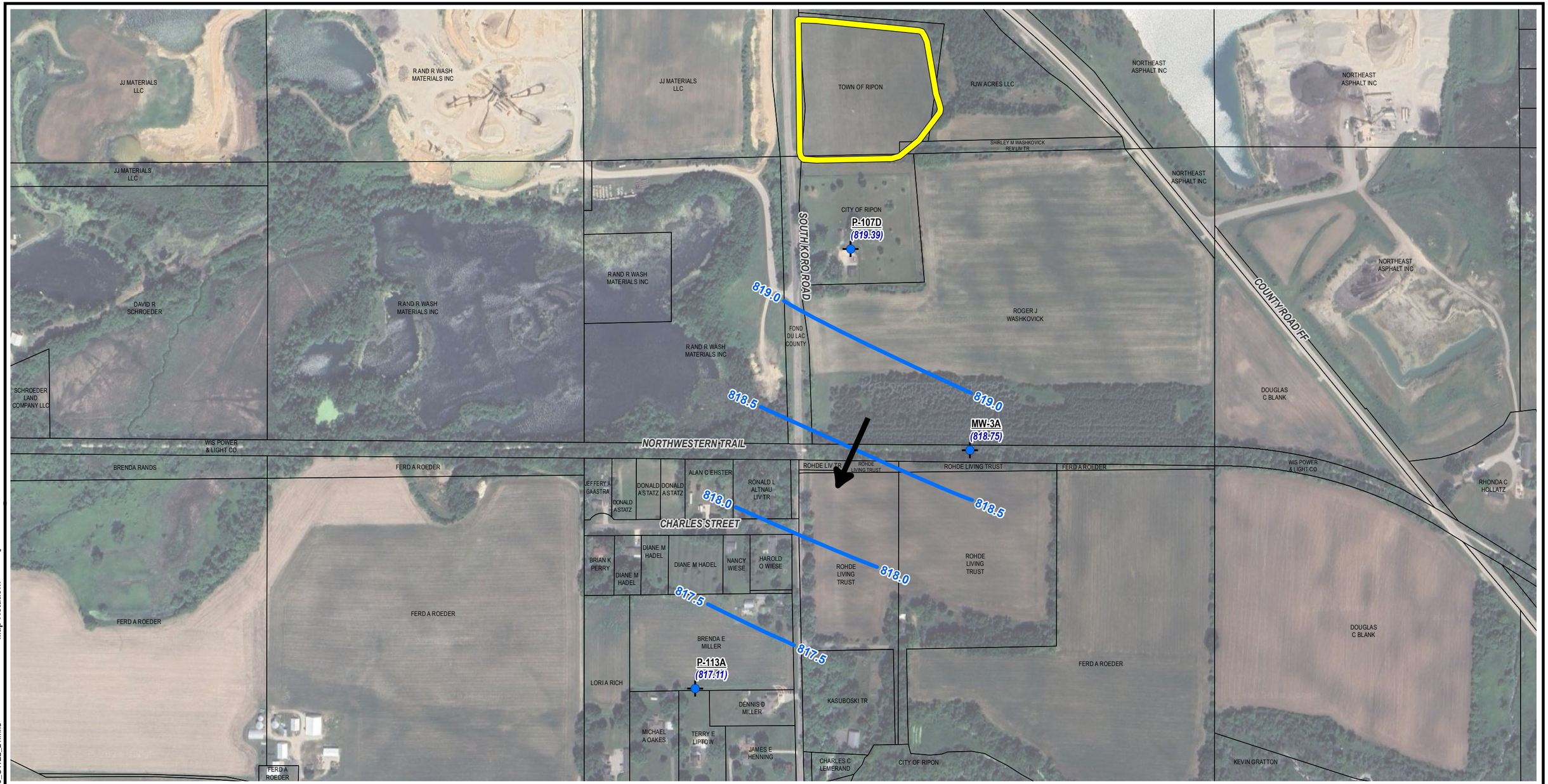

LEGEND

- **MW-112** *(819.11)* — MONITORING WELL, PIEZOMETER LOCATION WITH GROUNDWATER ELEVATION
- PRESUMED GROUNDWATER FLOW DIRECTION
- GROUNDWATER ELEVATION CONTOUR
- TAX PARCEL
- RIPON FF/NN LANDFILL SITE

NOTES

1. BASE MAP IMAGERY FROM GOOGLE EARTH PRO., (06/2023).

N

0 200 400 Feet

1 " = 400 '

1:4,800

PROJECT:	FF/NN LANDFILL NPL SITE RIPON, WI SECOND QUARTER 2023 REPORTING
TITLE:	GROUNDWATER ELEVATION MAP QUARTER 2 LAYER 4 WELLS JUNE 20, 2023
DRAWN BY: A. FOJTIK	PROJ. NO.: 538168
CHECKED BY: L. AUNER	FIGURE 4
APPROVED BY: S. SELLWOOD	
DATE: FEBRUARY 2024	

TRC
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FILE NO.: 538168_GWEL_L4.mxd

Plot Date: 2/21/2024, 10:52:29 AM by AFOJTIK -- LAYOUT: ANSI B(11"x17")
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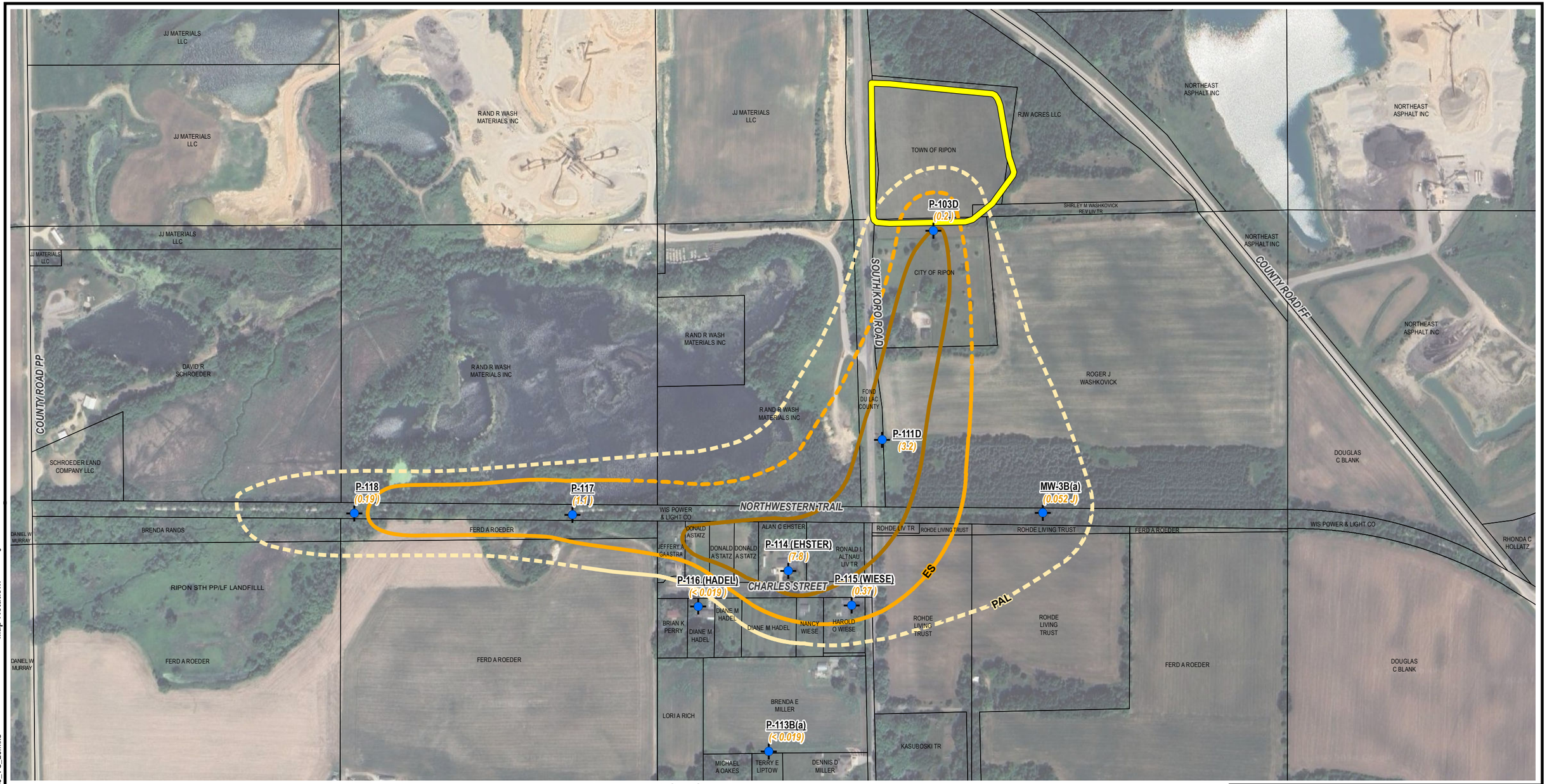
Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet (Foot US)
Map Rotation: 0

TRC - GIS



LEGEND

- P-117 (3.2) — MONITORING WELL, PIEZOMETER LOCATION WITH VINYL CHLORIDE LEVEL
- PREVENTATIVE ACTION LEVEL VINYL CHLORIDE ISOCONTOUR 0.02 UG/L (DASHED WHERE INFERRED)
- ENFORCEMENT STANDARD VINYL CHLORIDE ISOCONTOUR 0.2 UG/L (DASHED WHERE INFERRED)
- VINYL CHLORIDE ISOCONTOUR 2.0 UG/L (DASHED WHERE INFERRED)
- TAX PARCEL
- RIPON FF/NN LANDFILL SITE

NOTES

1. BASE MAP IMAGERY FROM GOOGLE EARTH PRO., (06/2023).

N

0 200 400 Feet

1 " = 400 '

1:4,800

PROJECT:
FF/NN LANDFILL NPL SITE
RIPON, WI
SECOND QUARTER 2023 REPORTING

TITLE:
VINYL CHLORIDE ISOCONCENTRATION MAP
QUARTER 2 LAYER 3 WELLS
JUNE 20-22, 2023

DRAWN BY:	A. FOJTIK	PROJ. NO.:	538168
CHECKED BY:	L. AUNER		
APPROVED BY:	S. SELLWOOD		**FIGURE 5**
DATE:	FEBRUARY 2024		

TRC
6737 W Washington St., Suite 2100
West Allis, WI 53214
Phone: 262.879.1212
www.trcsolutions.com

FILE NO.: 538168_VC_L3.mxd

Plot Date: 2/21/2024, 10:52:46 AM by AFOJTIK -- LAYOUT: ANSI B (11"x17")
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Coordinate System: NAD 1983 StatePlane Wisconsin South FIPS 4803 Feet (Foot US)
Map Rotation: 0
TRC - GIS

Appendix A: Annual Landfill Cap Inspection Report

Ripon Landfill Cover
Inspection Record

Date	Name of Inspector
6/21/23	John Roelke

Description of Weather

Time	Temperature	Barometric Pressure	Precipitation
13:50	85°F	30.08	0.0

Weather Conditions	Ground Conditions	General Past 7-Day Weather Conditions
clear	dry	0.0 in rain

Landfill Vegetation Cover

General Health of Vegetation

Healthy ☒ Stressed ☐ Barren ☐

Comments

Cap has been mowed.

Density of Vegetation

Good ☒ Fair ☐ Poor ☐

Comments

Grass could be cut around the blower trailer and GP-1. This would provide easier access.

Evidence of Burrowing Animals		Comments
No ☒	Yes ☐	

Erosion of Landfill Cap		Comments
No ☒	Yes ☐	

Settlement of Landfill Cap		Comments
No ☒	Yes ☐	

Drainage Ditch Erosion		Comments
No ☒	Yes ☐	

Seeps Identified		Comments
No ☒	Yes ☐	

Location of Erosion on Landfill Cap

- None Observed

Location of Settlement of Landfill Cap

- None Observed

Location of Drainage Ditch Erosion

- Outfalls for drainage ditchs are in good conditions

Location of Seeps

- None Observed

Locations	Erosion		Comments
GV-1	Yes ☐	No ☒	
GV-2	Yes ☐	No ☒	
GV-3	Yes ☐	No ☒	
GV-4	Yes ☐	No ☒	
GV-5	Yes ☐	No ☒	
GV-6	Yes ☐	No ☒	
GV-7	Yes ☐	No ☒	
GV-8	Yes ☐	No ☒	
GV-9	Yes ☐	No ☒	
LC-1	Yes ☐	No ☒	
LC-2	Yes ☐	No ☒	
LC-3	Yes ☐	No ☒	
P-104	Yes ☐	No ☒	
MW-104	Yes ☐	No ☒	

Appendix B: Quarterly Monitoring Field Notes

Rippon LF FF/WC

3/21/23
Key: 2121

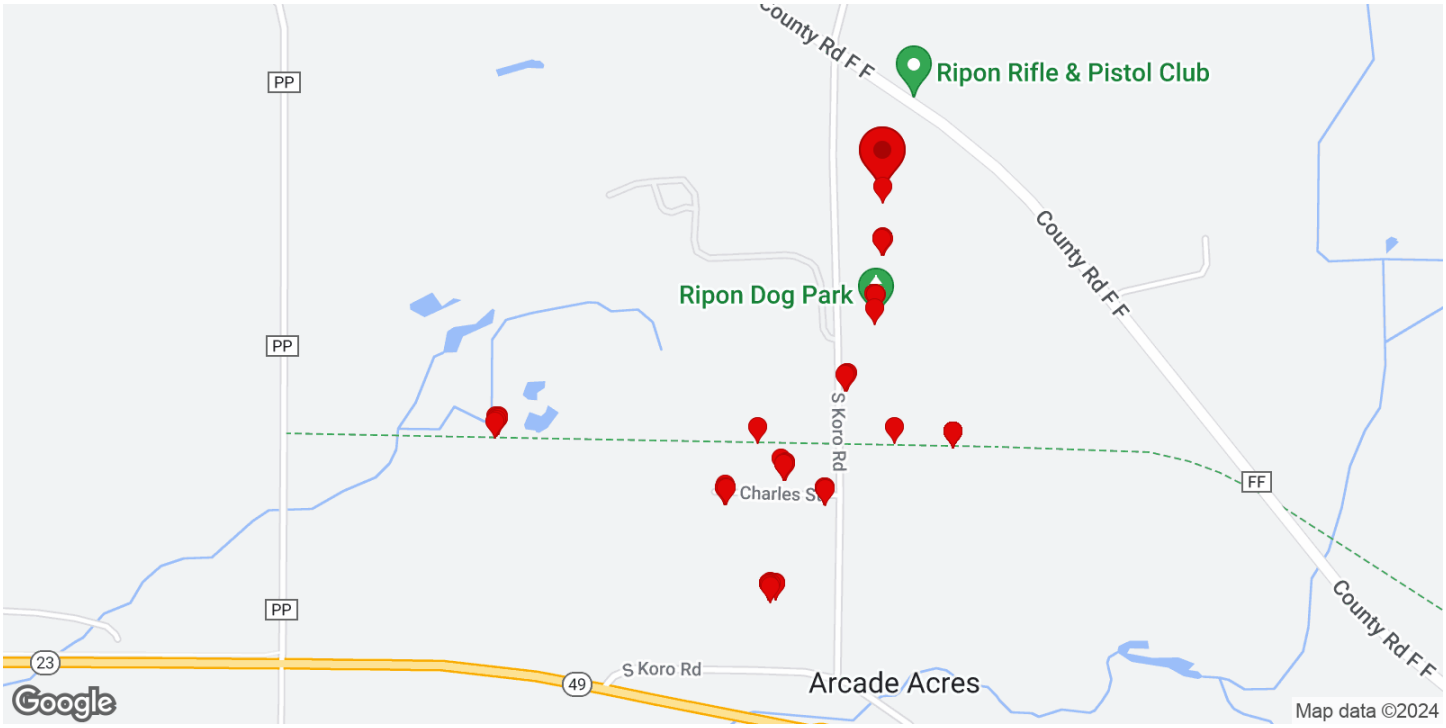
Loc	Time	Pw (in H2O)	%CH4 LEL	CH4	CO2 %	O2 %	
GP-1	8:30	0.0	0.0	0.0	0.3	20.4	
GP-2	9:08	+0.02	0.0	0.0	0.1	20.7	
GP-3	9:25	0.0	0.0	0.0	0.2	20.6	
GP-4	9:44	+0.06	0.0	0.0	0.8	19.9	
GP-5	8:34	0.0	0.0	0.0	1.6	18.2	
GP-6	10:00	0.0	0.0	0.0	1.5	18.5	
GP-7	9:56	0.0	0.0	0.0	0.0	20.8	
GP-10	9:04	0.0	0.0	0.0	1.7	15.4	35' W of the Culvert
GP-11	8:47	+0.02	0.0	0.0	2.5	18.3	
GP-12	8:41	0.0	0.0	0.0	2.8	17.6	
MW-101	8:51	+0.04	0.0	0.0	0.4	20.3	
MW-102	8:37	0.0	0.0	0.0	0.3	20.3	
MW-103	9:40	open to ATM	0.0	0.0	0.0	20.8	
MW-104	9:18	open to ATM	0.0	0.0	0.0	20.8	

- Arrived 8:20, cal instrument
  Pbar: 30.18 in Hg — weather: cloudy
  Trend: rising — ground: moist
  Temp: 29°F

- Blower is off

TRC Groundwater Sampling

Ripon Landfill, March 21, 2023



Project Information

Project Name	Ripon Landfill
Project Number	538168
Project Manager	Andy Stehn
Location	Ripon, WI
Start Date of Field Work	March 21, 2023
End Date of Field Work	March 21, 2023
Purpose of Field Work	In-Situ MPS Low Flow Stabilization and Sample Collection, Well Gauging

General Notes (2 Items)

General Notes - 1. 08:30

Daily Notes

Arrival Date	March 21, 2023
Arrival Time	08:30
Departure Time	17:15
Field Staff	Wes Braga
Weather Conditions	Clear
Temperature	40
Wind	0-10 Mph
Work/Sampling Performed	Quarterly Sampling
Site Location	Ripon, WI
Equipment Used	Water Level Indicator
Equipment Calibration	N/A
Meter Calibration Attachment	
Problems Encountered	None
Corrective Action Taken	
Communication	
General_Photos	

General Notes - 2. 08:45

Daily Notes

Arrival Date	March 22, 2023
Arrival Time	08:45
Departure Time	15:10
Field Staff	Wes Braga
Weather Conditions	Clear
Temperature	40
Wind	0-10 Mph
Work/Sampling Performed	Quarterly Sampling
Site Location	Ripon, WI
Equipment Used	In-Situ MPS w/ Flow Cell
Equipment Calibration	N/A
Meter Calibration Attachment	
Problems Encountered	
Corrective Action Taken	
Communication	
General_Photos	

Sample Log (12 Items)

Sample Log - 1. P-107D

Well Information

Well ID	P-107D
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-107D

Well ID	P-107D
Date	March 21, 2023
Time	10:00
Pump Type	Dedicated Bladder
Stabilization Criteria	PROJECT SPECIFIC

Depth to Water (FEET T/PVC)	52.47
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	7.5
Color	CLEAR
Odor	None
Turbidity	None
Disposal Method	Other, Ripon treatment plant
Comments	

Sample Information (1 Item)

Sample Information - 1. P-107D

Well ID	P-107D
Date	March 21, 2023
Time	10:39
Unique Sample ID	P-107D_20230321
Final pH (SU)	6.87
Final Conductivity (uS/cm)	624
Final Dissolved Oxygen (mg/l)	2.55
Final ORP (mv)	102.1
Final Turbidity Reading (NTU)	6.5
Final Observed Turbidity	None
Final Temperature (Deg. C)	9.5
Final Color	None
Odor	None
Filtrate (0.45 um)	Yes
Filtrate Color	None
Filtrate Odor	None
QC Sample	

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	P-107D
Sample Bottles Filled	40 mL VOA

Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 2. 250 mL CLR PLSTC

Well ID	P-107D
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Sulfuric Acid (H2SO4)
Filtered	Yes
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	P-107D
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Sulfuric Acid (H2SO4)
Filtered	No
Sample_Photos	

Bottles Filled - 4. 125 mL CLR PlSTC

Well ID	P-107D
Sample Bottles Filled	125 mL CLR PlSTC
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Comments	
Well Stabilization Record	

Sample Log - 2. P-111D

Well Information

Well ID	P-111D
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-111D

Well ID	P-111D
Date	March 21, 2023
Time	11:11
Pump Type	Dedicated Bladder
Stabilization Criteria	PROJECT SPECIFIC
Depth to Water (FEET T/PVC)	35.45
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	7.5
Color	CLEAR
Odor	None
Turbidity	None
Disposal Method	Other, Ripon Waste Water Plant
Comments	

Sample Information (1 Item)

Sample Information - 1. P-111D

Well ID	P-111D
Date	March 21, 2023
Time	12:25
Unique Sample ID	P-111D_20230321
Final pH (SU)	7.23
Final Conductivity (uS/cm)	863.91
Final Dissolved Oxygen (mg/l)	0.25
Final ORP (mv)	75.2

Final Turbidity Reading (NTU)	2.7
Final Observed Turbidity	None
Final Temperature (Deg. C)	9.13
Final Color	None
Odor	None
Filtrate (0.45 um)	Yes
Filtrate Color	None
Filtrate Odor	None
QC Sample	

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	P-111D
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 2. 250 mL CLR PLSTC

Well ID	P-111D
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Sulfuric Acid (H2SO4)
Filtered	No
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	P-111D
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)
Filtered	Yes

Sample_Photos

Bottles Filled - 4. 125 Clear Plastic

Well ID	P-111D
Sample Bottles Filled	125 Clear Plastic
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	
Comments	
Well Stabilization Record	

Sample Log - 3. P-103D

Well Information

Well ID	P-103D
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-103D

Well ID	P-103D
Date	March 21, 2023
Time	12:23
Pump Type	Dedicated Bladder
Stabilization Criteria	PROJECT SPECIFIC
Depth to Water (FEET T/PVC)	50.69
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	
Color	CLEAR

Odor	None
Turbidity	None
Disposal Method	Other, Ripon wastewater plant
Comments	

Sample Information (1 Item)

Sample Information - 1. P-103D

Well ID	P-103D
Date	March 21, 2023
Time	12:53
Unique Sample ID	P-103D_20230321
Final pH (SU)	7.16
Final Conductivity (uS/cm)	783.37
Final Dissolved Oxygen (mg/l)	0.28
Final ORP (mv)	70
Final Turbidity Reading (NTU)	1.8
Final Observed Turbidity	None
Final Temperature (Deg. C)	9.64
Final Color	None
Odor	None
Filtrate (0.45 um)	Yes
Filtrate Color	None
Filtrate Odor	None
QC Sample	DUPLICATE
Dup ID	Dup-01-202303

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	P-103D
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	8
Preservative	Hydrochloric Acid (HCL)
Filtered	No

Sample_Photos

Bottles Filled - 2. 250 mL CLR PLSTC

Well ID	P-103D
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	2
Preservative	Sulfuric Acid (H2SO4)
Filtered	No
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	P-103D
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	2
Preservative	Nitric Acid (HNO3)
Filtered	Yes
Sample_Photos	

Bottles Filled - 4. 125 mL CLR PLSTC

Well ID	P-103D
Sample Bottles Filled	125 mL CLR PLSTC
Number of Bottles Filled	2
Preservative	None
Filtered	No
Sample_Photos	

Comments	
Well Stabilization Record	

Sample Log - 4. P-118

Well Information

Well ID	P-118
Well Diameter (inches)	2

Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-118

Well ID	P-118
Date	March 21, 2023
Time	13:33
Pump Type	Dedicated Bladder
Stabilization Criteria	PROJECT SPECIFIC
Depth to Water (FEET T/PVC)	8.71
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	
Color	CLEAR
Odor	None
Turbidity	None
Disposal Method	Other, Ripon Wastewater plant
Comments	

Sample Information (1 Item)

Sample Information - 1. P-118

Well ID	P-118
Date	March 21, 2023
Time	13:53
Unique Sample ID	P-118_20230321
Final pH (SU)	7.31
Final Conductivity (uS/cm)	617.75
Final Dissolved Oxygen (mg/l)	0.31
Final ORP (mv)	40.9
Final Turbidity Reading (NTU)	1.3
Final Observed Turbidity	None
Final Temperature (Deg. C)	9.78
Final Color	None

Odor	None
Filtrate (0.45 um)	Yes
Filtrate Color	None
Filtrate Odor	None
QC Sample	NONE

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	P-118
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 2. 250 mL CLR PLSTC

Well ID	P-118
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Sulfuric Acid (H2SO4)
Filtered	No
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	P-118
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)
Filtered	Yes
Sample_Photos	

Bottles Filled - 4. 125 mL CLR PlSTC

Well ID	P-118
Sample Bottles Filled	125 mL CLR PlSTC
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	
Comments	
Well Stabilization Record	

Sample Log - 5. P-117

Well Information

Well ID	P-117
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-117

Well ID	P-117
Date	March 21, 2023
Time	
Pump Type	Dedicated Bladder
Stabilization Criteria	PROJECT SPECIFIC
Depth to Water (FEET T/PVC)	15.89
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	
Color	CLEAR
Odor	None
Turbidity	None
Disposal Method	Other, Ripon wastewater treatment
Comments	

Sample Information (1 Item)

Sample Information - 1. P-117

Well ID	P-117
Date	March 21, 2023
Time	14:43
Unique Sample ID	P-117_20230321
Final pH (SU)	7.2
Final Conductivity (uS/cm)	753.81
Final Dissolved Oxygen (mg/l)	0.25
Final ORP (mv)	42.4
Final Turbidity Reading (NTU)	1
Final Observed Turbidity	None
Final Temperature (Deg. C)	10.02
Final Color	None
Odor	None
Filtrate (0.45 um)	Yes
Filtrate Color	None
Filtrate Odor	None
QC Sample	NONE

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	P-117
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 2. 250 mL CLR PLSTC

Well ID	P-117
Sample Bottles Filled	250 mL CLR PLSTC

Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)
Filtered	Yes
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	P-117
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Sulfuric Acid (H2SO4)
Filtered	No
Sample_Photos	

Bottles Filled - 4. 125 mL CLR PLSTC

Well ID	P-117
Sample Bottles Filled	125 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Comments	
Well Stabilization Record	

Sample Log - 6. MW-3B

Well Information

Well ID	MW-3B
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. MW-3B

Well ID	MW-3B
Date	March 21, 2023
Time	15:17
Pump Type	Dedicated Bladder
Stabilization Criteria	PROJECT SPECIFIC
Depth to Water (FEET T/PVC)	30.14
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	
Color	CLEAR
Odor	Sulfer
Turbidity	None
Disposal Method	Other
Comments	Ripon Wastewater Treatment

Sample Information (1 Item)

Sample Information - 1. MW-3B

Well ID	MW-3B
Date	March 21, 2023
Time	15:57
Unique Sample ID	MW-3B_20230321
Final pH (SU)	7.39
Final Conductivity (uS/cm)	695.11
Final Dissolved Oxygen (mg/l)	0.23
Final ORP (mv)	-36.7
Final Turbidity Reading (NTU)	0.9
Final Observed Turbidity	None
Final Temperature (Deg. C)	9.22
Final Color	Black
Odor	Sulfer
Filtrate (0.45 um)	Yes
Filtrate Color	Black
Filtrate Odor	Sulfer

QC Sample	

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	MW-3B
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 2. 250 mL CLR PLSTC

Well ID	MW-3B
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)
Filtered	Yes
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	MW-3B
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Sulfuric Acid (H2SO4)
Filtered	No
Sample_Photos	

Bottles Filled - 4. 125 mL CLR PlSTC

Well ID	MW-3B
Sample Bottles Filled	125 mL CLR PlSTC
Number of Bottles Filled	1
Preservative	None

Filtered	No
Sample_Photos	
Comments	
Well Stabilization Record	

Sample Log - 7. MW-3A

Well Information

Well ID	MW-3A
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. MW-3A

Well ID	MW-3A
Date	March 21, 2023
Time	16:00
Pump Type	Dedicated Bladder
Stabilization Criteria	PROJECT SPECIFIC
Depth to Water (FEET T/PVC)	31.21
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	
Color	CLEAR
Odor	None
Turbidity	None
Disposal Method	Other, Ripon Wastewater treatment
Comments	

Sample Information (1 Item)

Sample Information - 1. MW-3A

Well ID	MW-3A
Date	March 21, 2023
Time	16:15
Unique Sample ID	MW-3A_20230321
Final pH (SU)	7.31
Final Conductivity (uS/cm)	560.73
Final Dissolved Oxygen (mg/l)	0.17
Final ORP (mv)	0
Final Turbidity Reading (NTU)	0.9
Final Observed Turbidity	None
Final Temperature (Deg. C)	9.03
Final Color	None
Odor	None
Filtrate (0.45 um)	Yes
Filtrate Color	None
Filtrate Odor	None
QC Sample	

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	MW-3A
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 2. 250 mL CLR PLSTC

Well ID	MW-3A
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)
Filtered	Yes
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	MW-3A
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Sulfuric Acid (H2SO4)
Filtered	No
Sample_Photos	

Bottles Filled - 4. 125 mL CLR PLSTC

Well ID	MW-3A
Sample Bottles Filled	125 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Comments	
Well Stabilization Record	

Sample Log - 8. P-113B

Well Information

Well ID	P-113B
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-113B

Well ID	P-113B
Date	March 22, 2023
Time	09:04

Pump Type	Dedicated Bladder
Stabilization Criteria	PROJECT SPECIFIC
Depth to Water (FEET T/PVC)	13.69
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	
Color	LIGHT YELLOW
Odor	None
Turbidity	None
Disposal Method	Other, Ripon Wastewater treatment
Comments	

Sample Information (1 Item)

Sample Information - 1. P-113B

Well ID	P-113B
Date	March 22, 2023
Time	09:39
Unique Sample ID	P-113B_20230322
Final pH (SU)	6.87
Final Conductivity (uS/cm)	710.16
Final Dissolved Oxygen (mg/l)	0.17
Final ORP (mv)	56.6
Final Turbidity Reading (NTU)	1.4
Final Observed Turbidity	None
Final Temperature (Deg. C)	9.5
Final Color	None
Odor	None
Filtrate (0.45 um)	Yes
Filtrate Color	None
Filtrate Odor	None
QC Sample	

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	P-113B
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 2. 125 mL AMB GLASS

Well ID	P-113D
Sample Bottles Filled	125 mL AMB GLASS
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	P-113D
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)
Filtered	Yes
Sample_Photos	

Bottles Filled - 4. 250 mL CLR PLSTC

Well ID	P-113D
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Comments	
Well Stabilization Record	

Sample Log - 9. P-113A

Well Information

Well ID	P-113A
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-113A

Well ID	P-113A
Date	March 22, 2023
Time	09:51
Pump Type	Peristaltic
Stabilization Criteria	PROJECT SPECIFIC
Depth to Water (FEET T/PVC)	14.13
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	
Color	CLEAR
Odor	None
Turbidity	None
Disposal Method	Other
Comments	

Sample Information (1 Item)

Sample Information - 1. P-113A

Well ID	P-113A
Date	March 22, 2023
Time	09:51
Unique Sample ID	P-113A_20230322
Final pH (SU)	7

Final Conductivity (uS/cm)	583.61
Final Dissolved Oxygen (mg/l)	0.33
Final ORP (mv)	59.7
Final Turbidity Reading (NTU)	1.5
Final Observed Turbidity	None
Final Temperature (Deg. C)	9.02
Final Color	None
Odor	None
Filtrate (0.45 um)	Yes
Filtrate Color	None
Filtrate Odor	None
QC Sample	

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	P-113A
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 2. 125 CLR PLST

Well ID	P-113A
Sample Bottles Filled	125 CLR PLST
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	P-113A
Sample Bottles Filled	250 mL CLR PLSTC

Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 4. 250 mL CLR PLSTC

Well ID	P-113A
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)
Filtered	Yes
Sample_Photos	

Comments	
Well Stabilization Record	

Sample Log - 10. P-114

Well Information

Well ID	P-114
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-114

Well ID	P-114
Date	March 22, 2023
Time	11:50
Pump Type	Peristaltic
Stabilization Criteria	PROJECT SPECIFIC
Depth to Water (FEET T/PVC)	19.97
Depth to Bottom (FEET T/PVC)	

Well Volume (L)	
Volume Removed (L)	
Color	CLEAR
Odor	None
Turbidity	None
Disposal Method	Other
Comments	Ripon Water Treatment Plant

Sample Information (1 Item)

Sample Information - 1. P-114

Well ID	P-114
Date	March 22, 2023
Time	12:15
Unique Sample ID	P-114_20230322
Final pH (SU)	7.12
Final Conductivity (uS/cm)	823.9
Final Dissolved Oxygen (mg/l)	0.15
Final ORP (mv)	46.5
Final Turbidity Reading (NTU)	1.4
Final Observed Turbidity	None
Final Temperature (Deg. C)	9.6
Final Color	None
Odor	None
Filtrate (0.45 um)	Yes
Filtrate Color	None
Filtrate Odor	None
QC Sample	

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	P-114
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)

Filtered	No
Sample_Photos	

Bottles Filled - 2. 125 CLR PLSTC

Well ID	P-114
Sample Bottles Filled	125 CLR PLSTC
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	P-114
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 4. 250 mL CLR PLSTC

Well ID	P-114
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)
Filtered	Yes
Sample_Photos	

Comments	
Well Stabilization Record	

Sample Log - 11. P-115

Well Information

Well ID	P-115
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-115

Well ID	P-115
Date	March 22, 2023
Time	12:56
Pump Type	Peristaltic
Stabilization Criteria	PROJECT SPECIFIC
Depth to Water (FEET T/PVC)	23.19
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	
Color	CLEAR
Odor	None
Turbidity	None
Disposal Method	Ripon Water Treatment Plant
Comments	

Sample Information (1 Item)

Sample Information - 1. P-115

Well ID	P-115
Date	March 22, 2023
Time	13:16
Unique Sample ID	P-115_20230322
Final pH (SU)	7.2
Final Conductivity (uS/cm)	658.23
Final Dissolved Oxygen (mg/l)	0.13
Final ORP (mv)	28
Final Turbidity Reading (NTU)	2.1
Final Observed Turbidity	None

Final Temperature (Deg. C)	9.88
Final Color	None
Odor	None
Filtrate (0.45 um)	No
QC Sample	

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	P-115
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 2. 125 mL CLR PLSTC

Well ID	P-115
Sample Bottles Filled	125 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	P-115
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 4. 250 mL CLR PLSTC

Well ID	P-115
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)
Filtered	Yes
Sample_Photos	
Comments	
Well Stabilization Record	

Sample Log - 12. P-116

Well Information

Well ID	P-116
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-116

Well ID	P-116
Date	March 22, 2023
Time	10:49
Pump Type	Peristaltic
Stabilization Criteria	PROJECT SPECIFIC
Depth to Water (FEET T/PVC)	26.95
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	
Color	CLEAR
Odor	None
Turbidity	None
Disposal Method	Ripon Water Treatment Plant
Comments	

Sample Information (1 Item)

Sample Information - 1. P-116

Well ID	P-116
Date	March 22, 2023
Time	23:14
Unique Sample ID	P-116_20230322
Final pH (SU)	7.21
Final Conductivity (uS/cm)	552.71
Final Dissolved Oxygen (mg/l)	0.3
Final ORP (mv)	61.3
Final Turbidity Reading (NTU)	10.2
Final Observed Turbidity	None
Final Temperature (Deg. C)	8.74
Final Color	None
Odor	None
Filtrate (0.45 um)	Yes
Filtrate Color	None
Filtrate Odor	None
QC Sample	NONE

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	P-116
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 2. 125 mL CLR PLSTC

Well ID	P-116
Sample Bottles Filled	125 mL CLR PLSTC

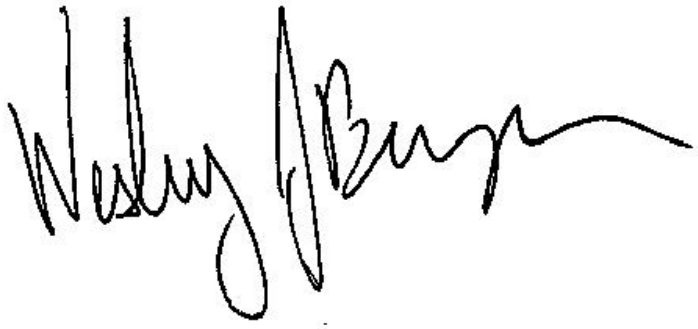
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	P-116
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 4. 250 mL CLR PLSTC

Well ID	P-116
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)
Filtered	Yes
Sample_Photos	

Comments	
Well Stabilization Record	
Attachments	
Signature	 Signed 5/17/2023, 3:27:34 PM UTC

Field Note QC

QC Reviewer	Marshal Tofte
QC Comments	N/A
QC Date	January 23, 2024
QC Signature	 Signed 1/23/2024, 6:42:23 PM UTC

WATER LEVEL DATA

Well Location ID	Date Measured	Time Measured	Depth to Water (ft)	Depth to Bottom (ft)	Screened Interval (ft bgs)	Product Present	Comments
P-107D	2023-03-21	09:45	52.47				
P-111D	2023-03-21	09:25	35.45				
P-113A	2023-03-21	10:02	14.13				
P-113B	2023-03-21	10:16	13.69				
P-115	2023-03-21	10:26	23.19				
P-116	2023-03-21	10:32	26.95				
MW-3A	2023-03-21	10:44	31.21				
MW-3B	2023-03-21	10:46	30.14				
P-117	2023-03-21	10:45	15.89				
P-118	2023-03-21	10:59	8.71				
P-103D	2023-03-21	11:13	50.69				
P-114	2023-03-21	10:37	19.97				

Low-Flow Test Report:

Test Date / Time: 3/21/2023 10:09:52 AM
Project: Ripon (107D)
Operator Name: Wesley Braga

Location Name: Ripon_P-107D **Well Diameter: 2 in** **Casing Type: PVC** **Initial Depth to Water: 54.47 ft**	**Pump Type: Bladder pump** **Tubing Type: HDPE** **Estimated Total Volume Pumped: 7500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: -1.93 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 807539**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 10	+/- 10 %	+/- 0.2	+/- 0.3	
3/21/2023 10:09 AM	00:00	6.49 pH	9.40 °C	627.49 µS/cm	2.82 mg/L		118.6 mV	52.47 ft	250.00 ml/min
3/21/2023 10:14 AM	05:00	6.56 pH	9.50 °C	593.57 µS/cm	2.44 mg/L	3.20 NTU	108.5 mV	52.54 ft	250.00 ml/min
3/21/2023 10:19 AM	10:00	6.64 pH	9.60 °C	621.85 µS/cm	2.40 mg/L	6.10 NTU	111.5 mV	52.54 ft	250.00 ml/min
3/21/2023 10:24 AM	15:00	6.72 pH	9.55 °C	644.74 µS/cm	2.57 mg/L	6.70 NTU	109.6 mV	52.54 ft	250.00 ml/min
3/21/2023 10:29 AM	20:00	6.79 pH	9.60 °C	636.84 µS/cm	2.37 mg/L	6.50 NTU	106.7 mV	52.54 ft	250.00 ml/min
3/21/2023 10:34 AM	25:00	6.83 pH	9.50 °C	621.39 µS/cm	2.40 mg/L	6.40 NTU	104.0 mV	52.54 ft	250.00 ml/min
3/21/2023 10:39 AM	30:00	6.87 pH	9.50 °C	624.00 µS/cm	2.55 mg/L	6.50 NTU	102.1 mV	52.54 ft	250.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 3/21/2023 11:11:29 AM
Project: Ripon (111D)
Operator Name: Wesley Braga

Location Name: Ripon_P-111D **Well Diameter: 2 in** **Casing Type: PVC** **Initial Depth to Water: 35.45 ft**	**Pump Type: Bladder pump** **Tubing Type: HDPE** **Estimated Total Volume Pumped: 7500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 807539**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 10	+/- 10 %	+/- 0.2	+/- 0.3	
3/21/2023 11:11 AM	00:00	7.16 pH	7.55 °C	830.96 µS/cm	8.41 mg/L		104.0 mV	35.45 ft	250.00 ml/min
3/21/2023 11:16 AM	05:00	7.14 pH	8.74 °C	861.70 µS/cm	0.85 mg/L		85.0 mV	35.45 ft	250.00 ml/min
3/21/2023 11:21 AM	10:00	7.17 pH	8.84 °C	861.13 µS/cm	0.43 mg/L		82.3 mV	35.45 ft	250.00 ml/min
3/21/2023 11:26 AM	15:00	7.18 pH	8.98 °C	867.90 µS/cm	0.34 mg/L		80.3 mV	35.45 ft	250.00 ml/min
3/21/2023 11:31 AM	20:00	7.20 pH	9.03 °C	849.74 µS/cm	0.30 mg/L		77.7 mV	35.45 ft	250.00 ml/min
3/21/2023 11:36 AM	25:00	7.22 pH	9.17 °C	853.12 µS/cm	0.26 mg/L		76.9 mV	35.45 ft	250.00 ml/min
3/21/2023 11:41 AM	30:00	7.23 pH	9.13 °C	863.91 µS/cm	0.25 mg/L		75.2 mV	35.45 ft	250.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 3/21/2023 12:23:03 PM
Project: Ripon (103D)
Operator Name: Wesley Braga

Location Name: Ripon_P-103D **Well Diameter: 2 in** **Casing Type: PVC** **Initial Depth to Water: 50.69 ft**	**Pump Type: Bladder pump** **Tubing Type: HDPE** **Estimated Total Volume Pumped: 7500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0.23 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 807539**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 10	+/- 10 %	+/- 0.2	+/- 0.3	
3/21/2023 12:23 PM	00:00	7.53 pH	9.74 °C	2.81 µS/cm	10.68 mg/L		117.7 mV	50.69 ft	250.00 ml/min
3/21/2023 12:28 PM	05:00	7.35 pH	9.36 °C	790.49 µS/cm	5.37 mg/L	1.80 NTU	78.7 mV	50.92 ft	250.00 ml/min
3/21/2023 12:33 PM	10:00	7.22 pH	9.61 °C	788.21 µS/cm	0.85 mg/L	1.60 NTU	77.7 mV	50.92 ft	250.00 ml/min
3/21/2023 12:38 PM	15:00	7.19 pH	9.64 °C	788.89 µS/cm	0.40 mg/L	1.70 NTU	75.8 mV	50.92 ft	250.00 ml/min
3/21/2023 12:43 PM	20:00	7.18 pH	9.64 °C	784.83 µS/cm	0.33 mg/L	1.50 NTU	74.2 mV	50.92 ft	250.00 ml/min
3/21/2023 12:48 PM	25:00	7.17 pH	9.68 °C	780.75 µS/cm	0.29 mg/L	1.80 NTU	71.7 mV	50.92 ft	250.00 ml/min
3/21/2023 12:53 PM	30:00	7.16 pH	9.64 °C	783.37 µS/cm	0.28 mg/L	1.80 NTU	70.0 mV	50.92 ft	250.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 3/21/2023 1:33:38 PM
Project: Ripon (118)
Operator Name: Wesley Braga

Location Name: Ripon_P-118 **Well Diameter: 2 in** **Casing Type: PVC** **Initial Depth to Water: 8.71 ft**	**Pump Type: Bladder pump** **Tubing Type: HDPE** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0.2 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 807539**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 10	+/- 10 %	+/- 0.2	+/- 0.3	
3/21/2023 1:33 PM	00:00	7.63 pH	8.59 °C	590.92 µS/cm	9.22 mg/L		44.4 mV	8.71 ft	250.00 ml/min
3/21/2023 1:38 PM	05:00	7.42 pH	9.46 °C	627.18 µS/cm	1.73 mg/L	1.50 NTU	43.4 mV	8.91 ft	250.00 ml/min
3/21/2023 1:43 PM	10:00	7.35 pH	9.61 °C	622.54 µS/cm	0.51 mg/L	2.20 NTU	42.2 mV	8.91 ft	250.00 ml/min
3/21/2023 1:48 PM	15:00	7.33 pH	9.69 °C	616.80 µS/cm	0.36 mg/L	1.50 NTU	39.5 mV	8.91 ft	250.00 ml/min
3/21/2023 1:53 PM	20:00	7.31 pH	9.78 °C	617.75 µS/cm	0.31 mg/L	1.30 NTU	40.9 mV	8.91 ft	250.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 3/21/2023 2:18:04 PM
Project: Ripon (117)
Operator Name: Wesley Braga

Location Name: Ripon_P-117 **Well Diameter: 2 in** **Casing Type: PVC** **Initial Depth to Water: 15.89 ft**	**Pump Type: Bladder pump** **Tubing Type: HDPE** **Estimated Total Volume Pumped: 6250 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0.06 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 807539**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 10	+/- 10 %	+/- 0.2	+/- 0.3	
3/21/2023 2:18 PM	00:00	7.41 pH	9.08 °C	769.06 µS/cm	7.77 mg/L		55.7 mV	15.89 ft	250.00 ml/min
3/21/2023 2:23 PM	05:00	7.32 pH	10.03 °C	764.38 µS/cm	0.70 mg/L	1.10 NTU	49.4 mV	15.95 ft	250.00 ml/min
3/21/2023 2:28 PM	10:00	7.25 pH	10.02 °C	753.65 µS/cm	0.33 mg/L	1.30 NTU	46.2 mV	15.95 ft	250.00 ml/min
3/21/2023 2:33 PM	15:00	7.22 pH	10.11 °C	755.38 µS/cm	0.28 mg/L	0.90 NTU	45.8 mV	15.95 ft	250.00 ml/min
3/21/2023 2:38 PM	20:00	7.20 pH	10.07 °C	754.53 µS/cm	0.26 mg/L	1.20 NTU	43.6 mV	15.95 ft	250.00 ml/min
3/21/2023 2:43 PM	25:00	7.20 pH	10.02 °C	753.81 µS/cm	0.25 mg/L	1.00 NTU	42.4 mV	15.95 ft	250.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 3/21/2023 3:07:37 PM
Project: Ripon (3B)
Operator Name: Wesley Braga

Location Name: Ripon_MW-3B **Well Diameter: 2 in** **Casing Type: PVC** **Initial Depth to Water: 30.14 ft**	**Pump Type: Bladder pump** **Tubing Type: HDPE** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0.42 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 807539**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 10	+/- 10 %	+/- 0.2	+/- 0.3	
3/21/2023 3:07 PM	00:00	7.93 pH	8.60 °C	554.98 µS/cm	5.45 mg/L		18.5 mV	30.14 ft	250.00 ml/min
3/21/2023 3:12 PM	05:00	7.55 pH	9.08 °C	644.97 µS/cm	0.43 mg/L	1.00 NTU	-45.2 mV	30.56 ft	250.00 ml/min
3/21/2023 3:17 PM	10:00	7.42 pH	9.17 °C	696.42 µS/cm	0.26 mg/L	1.10 NTU	-44.9 mV	30.56 ft	250.00 ml/min
3/21/2023 3:22 PM	15:00	7.40 pH	9.22 °C	694.59 µS/cm	0.24 mg/L	0.80 NTU	-40.9 mV	30.56 ft	250.00 ml/min
3/21/2023 3:27 PM	20:00	7.39 pH	9.22 °C	695.11 µS/cm	0.23 mg/L	0.90 NTU	-36.7 mV	30.56 ft	250.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 3/21/2023 3:50:48 PM
Project: Ripon (3A)
Operator Name: Wesley Braga

Location Name: Ripon _MW-3A **Well Diameter: 2 in** **Casing Type: PVC** **Initial Depth to Water: 31.21 ft**	**Pump Type: Bladder pump** **Tubing Type: HDPE** **Estimated Total Volume Pumped: 6250 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 1.42 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 807539**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 10	+/- 10 %	+/- 0.2	+/- 0.3	
3/21/2023 3:50 PM	00:00	7.58 pH	8.12 °C	548.50 µS/cm	4.47 mg/L		-36.0 mV	31.21 ft	250.00 ml/min
3/21/2023 3:55 PM	05:00	7.43 pH	9.03 °C	560.49 µS/cm	0.48 mg/L	1.20 NTU	-33.7 mV	31.98 ft	250.00 ml/min
3/21/2023 4:00 PM	10:00	7.36 pH	9.12 °C	562.36 µS/cm	0.26 mg/L	1.10 NTU	-25.0 mV	32.43 ft	250.00 ml/min
3/21/2023 4:05 PM	15:00	7.33 pH	9.07 °C	561.43 µS/cm	0.20 mg/L	0.80 NTU	-15.2 mV	32.62 ft	250.00 ml/min
3/21/2023 4:10 PM	20:00	7.32 pH	9.03 °C	560.66 µS/cm	0.18 mg/L	1.00 NTU	-6.5 mV	32.63 ft	250.00 ml/min
3/21/2023 4:15 PM	25:00	7.31 pH	9.03 °C	560.73 µS/cm	0.17 mg/L	0.90 NTU	0.0 mV	32.63 ft	250.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 3/22/2023 9:04:20 AM
Project: Ripon (113B)
Operator Name: Wesley Braga

Location Name: Ripon_P-113B **Well Diameter: 2 in** **Casing Type: PVC** **Initial Depth to Water: 13.69 ft**	**Pump Type: Bladder pump** **Tubing Type: HDPE** **Estimated Total Volume Pumped: 8750 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0.39 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 807539**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 10	+/- 10 %	+/- 0.2	+/- 0.3	
3/22/2023 9:04 AM	00:00	6.63 pH	9.22 °C	732.07 µS/cm	3.00 mg/L		90.0 mV	13.69 ft	250.00 ml/min
3/22/2023 9:09 AM	05:00	6.49 pH	9.42 °C	719.56 µS/cm	0.29 mg/L	1.90 NTU	77.6 mV	13.97 ft	250.00 ml/min
3/22/2023 9:14 AM	10:00	6.57 pH	9.41 °C	705.94 µS/cm	0.23 mg/L	1.60 NTU	71.3 mV	14.08 ft	250.00 ml/min
3/22/2023 9:19 AM	15:00	6.66 pH	9.41 °C	708.56 µS/cm	0.20 mg/L	1.90 NTU	67.0 mV	14.08 ft	250.00 ml/min
3/22/2023 9:24 AM	20:00	6.73 pH	9.44 °C	708.93 µS/cm	0.19 mg/L	1.70 NTU	63.8 mV	14.08 ft	250.00 ml/min
3/22/2023 9:29 AM	25:00	6.79 pH	9.43 °C	711.21 µS/cm	0.17 mg/L	1.50 NTU	61.3 mV	14.08 ft	250.00 ml/min
3/22/2023 9:34 AM	30:00	6.84 pH	9.42 °C	709.01 µS/cm	0.17 mg/L	1.60 NTU	58.8 mV	14.08 ft	250.00 ml/min
3/22/2023 9:39 AM	35:00	6.87 pH	9.50 °C	710.16 µS/cm	0.17 mg/L	1.40 NTU	56.6 mV	14.08 ft	250.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 3/22/2023 9:51:09 AM
Project: Ripon (113A)
Operator Name: Wesley Braga

Location Name: Ripon_P-113A **Well Diameter: 2 in** **Casing Type: PVC** **Initial Depth to Water: 14.13 ft**	**Pump Type: Bladder pump** **Tubing Type: HDPE** **Estimated Total Volume Pumped: 6250 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 1.6 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 807539**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 10	+/- 10 %	+/- 0.2	+/- 0.3	
3/22/2023 9:51 AM	00:00	6.98 pH	8.93 °C	1.52 µS/cm	11.20 mg/L		112.1 mV	14.13 ft	250.00 ml/min
3/22/2023 9:56 AM	05:00	7.15 pH	8.46 °C	582.67 µS/cm	3.63 mg/L	1.40 NTU	59.3 mV	14.96 ft	250.00 ml/min
3/22/2023 10:01 AM	10:00	7.08 pH	8.79 °C	581.76 µS/cm	0.74 mg/L	1.70 NTU	58.7 mV	15.38 ft	250.00 ml/min
3/22/2023 10:06 AM	15:00	7.03 pH	8.97 °C	579.35 µS/cm	0.36 mg/L	1.20 NTU	57.4 mV	15.69 ft	250.00 ml/min
3/22/2023 10:11 AM	20:00	7.01 pH	9.03 °C	582.86 µS/cm	0.30 mg/L	1.30 NTU	58.8 mV	15.72 ft	250.00 ml/min
3/22/2023 10:16 AM	25:00	7.00 pH	9.02 °C	583.61 µS/cm	0.33 mg/L	1.50 NTU	59.7 mV	15.73 ft	250.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 3/22/2023 10:49:54 AM
Project: Ripon (116)
Operator Name: Wesley Braga

Location Name: Ripon_P-116 **Well Diameter: 2 in** **Casing Type: PVC** **Initial Depth to Water: 26.95 ft**	**Pump Type: Bladder pump** **Tubing Type: HDPE** **Estimated Total Volume Pumped: 6250 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0.37 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 807539**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 10	+/- 10 %	+/- 0.2	+/- 0.3	
3/22/2023 10:49 AM	00:00	7.29 pH	8.03 °C	581.72 µS/cm	4.52 mg/L		70.9 mV	26.95 ft	250.00 ml/min
3/22/2023 10:54 AM	05:00	7.21 pH	9.41 °C	563.91 µS/cm	0.43 mg/L	10.20 NTU	66.0 mV	27.32 ft	250.00 ml/min
3/22/2023 10:59 AM	10:00	7.20 pH	9.36 °C	554.86 µS/cm	0.30 mg/L	10.40 NTU	63.9 mV	27.32 ft	250.00 ml/min
3/22/2023 11:04 AM	15:00	7.20 pH	9.17 °C	555.66 µS/cm	0.29 mg/L	10.20 NTU	62.4 mV	27.32 ft	250.00 ml/min
3/22/2023 11:09 AM	20:00	7.20 pH	8.98 °C	553.36 µS/cm	0.29 mg/L	10.30 NTU	61.5 mV	27.32 ft	250.00 ml/min
3/22/2023 11:14 AM	25:00	7.21 pH	8.74 °C	552.71 µS/cm	0.30 mg/L	10.20 NTU	61.3 mV	27.32 ft	250.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 3/22/2023 11:50:31 AM
Project: Ripon (114)
Operator Name: Wesley Braga

Location Name: Ripon_P-114 **Initial Depth to Water: 19.97 ft**	**Pump Type: Bladder pump** **Tubing Type: HDPE** **Estimated Total Volume Pumped: 6250 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0.12 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 807539**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 10	+/- 10 %	+/- 0.2	+/- 0.3	
3/22/2023 11:50 AM	00:00	7.17 pH	8.27 °C	850.37 µS/cm	5.03 mg/L		76.7 mV	19.97 ft	250.00 ml/min
3/22/2023 11:55 AM	05:00	7.12 pH	9.50 °C	825.33 µS/cm	0.29 mg/L	1.30 NTU	60.8 mV	20.09 ft	250.00 ml/min
3/22/2023 12:00 PM	10:00	7.14 pH	9.55 °C	828.61 µS/cm	0.20 mg/L	1.50 NTU	55.2 mV	20.09 ft	250.00 ml/min
3/22/2023 12:05 PM	15:00	7.14 pH	9.60 °C	829.07 µS/cm	0.17 mg/L	1.30 NTU	51.9 mV	20.09 ft	250.00 ml/min
3/22/2023 12:10 PM	20:00	7.13 pH	9.58 °C	823.55 µS/cm	0.16 mg/L	1.20 NTU	48.8 mV	20.09 ft	250.00 ml/min
3/22/2023 12:15 PM	25:00	7.12 pH	9.60 °C	823.90 µS/cm	0.15 mg/L	1.40 NTU	46.5 mV	20.09 ft	250.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 3/22/2023 12:56:04 PM
Project: Ripon (115)
Operator Name: Wesley Braga

Location Name: Ripon_P-115 **Well Diameter: 2 in** **Casing Type: PVC** **Initial Depth to Water: 23.19 ft**	**Pump Type: Bladder pump** **Tubing Type: HDPE** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0.39 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 807539**

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 10	+/- 10 %	+/- 0.2	+/- 0.3	
3/22/2023 12:56 PM	00:00	7.35 pH	9.69 °C	663.28 µS/cm	1.32 mg/L		27.9 mV	23.19 ft	250.00 ml/min
3/22/2023 1:01 PM	05:00	7.25 pH	9.88 °C	662.89 µS/cm	0.20 mg/L	2.30 NTU	28.4 mV	23.42 ft	250.00 ml/min
3/22/2023 1:06 PM	10:00	7.22 pH	9.83 °C	659.02 µS/cm	0.16 mg/L	2.50 NTU	28.7 mV	23.49 ft	250.00 ml/min
3/22/2023 1:11 PM	15:00	7.20 pH	9.88 °C	659.21 µS/cm	0.14 mg/L	2.20 NTU	28.5 mV	23.56 ft	250.00 ml/min
3/22/2023 1:16 PM	20:00	7.20 pH	9.88 °C	658.23 µS/cm	0.13 mg/L	2.10 NTU	28.0 mV	23.58 ft	250.00 ml/min

Samples

Sample ID:	Description:

GAS MONITORING FORM
FF/NN Landfill Ripon, WI (WDNR Lic. # 467)

TECHNICIAN(S): J. Roelke

GAS/INSTRUMENT TYPE: GEM 2000
SERIAL NO.: 11668
DATE LAST CALIBRATED: 6/21/2023
METHOD: Standard Calibration Gases
PRESSURE INSTRUMENT: Dwyer Manometer
Dwyer Anemometer

DATE: 6/21/2023
START TIME: 7:58
END TIME: 13:40
WEATHER CONDITIONS: Clear
TEMPERATURE : 85 (°F)
BAROMETRIC PRESSURE : 30.06 (In. Hg)
BAROMETRIC Pr. TREND : rising
GROUND CONDITIONS: dry
WATER LEVEL IN KNOCKOUT TANK 1.11 (ft)

Well No.	Time	Available Header Pressure (in. W.C.)	Applied Well Pressure (in. W.C.)	(1) Applied Air Velocity (ft/min)	(1) Applied Air Flow (cfm)	Methane (% LEL)	Methane (%, by vol.)	Carbon Dioxide (%, by vol.)	Oxygen (%, by vol.)	Initial Valve Setting (# Turns)	Final Valve Setting (# Turns)	Final Header Pressure (in. W.C.)	Final Well Pressure (in. W.C.)	(1) Final Applied Air Velocity (ft/min)	(1) Final Applied Air Flow (cfm)	Comments
Background	11:05	NA	NA	NA	NA	0.0	0.0	0.0	20.8	NA	NA	NA	NA	NA	NA	
LC-1	12:15	-6.43	-0.40	—	—	>100	36.9	26.4	0.7	1.5 6/5/12	.65/12	—	-3.30	—	—	
LC-2	11:47	-6.25	0.0	—	—	52	2.6	7.8	11.0	0 6/3/12	0 /12	—	—	—	—	
LC-3	12:33	-7.27	-4.12	—	—	>100	40.2	26.6	2.1	.75 6/4/12	1 /12	—	-5.98	—	—	
GV-6	12:09	-6.26	-0.46	—	—	>100	16.1	12.3	9.8	.5/12	.5/12	—	—	—	—	
GV-4	12:27	-6.22	-0.28	—	—	59	2.9	14.1	7.3	1.5 6/4/12	1.5/12	—	—	—	—	
GP-1	8:01	NA	0.0	NA	NA	8	0.4	11.0	1.8	NA	NA	NA	NA	NA	NA	
GP-1	12:51	NA	0.0	NA	NA	13	0.6	10.4	1.6	NA	NA	NA	NA	NA	NA	
GP-2	8:31	NA	0.0	NA	NA	0.0	0.0	0.0	20.8	NA	NA	NA	NA	NA	NA	
BLOWER INLET	11:08	-13.06	NA	NA	NA	70	3.5	3.9	17.3	NA	NA	—	NA	NA	NA	
DILUTION VALVE	11:16	-4.31	NA	NA	NA	0.0	0.0	0.0	20.8	4/12	4/12	—	NA	NA	NA	
EXHAUST	11:21	-0.28	NA	NA	NA	75	3.7	4.3	17.1	NA	NA	—	NA	NA	NA	

Notes: L-2 line is clear and holding a vacuum, Sampled LC-1, LC-2 & LC-3 ~~Sat~~

1. Air velocity is measured with an Anemometer.
2. Technician to inspect each wellhead for leaks and provide notes in comment section.
3. NM=Not Measures, NA=Not Applicable

TRC

Gas Probe Monitoring Form
FF/NN Landfill Ripon, WI (WDNR Lic. # 467)

Technician(s): John Raelke

Date: 6/21/23
Start Time: 7:58
End Time: 9:00

Gas/Instrument Type: GEM 2000
Serial No.: 11668
Date Last Calibrated: 6/21/23
Method: Standard Calibration Gases or Other
Pressure Instrument: Dwyer Manometer or other

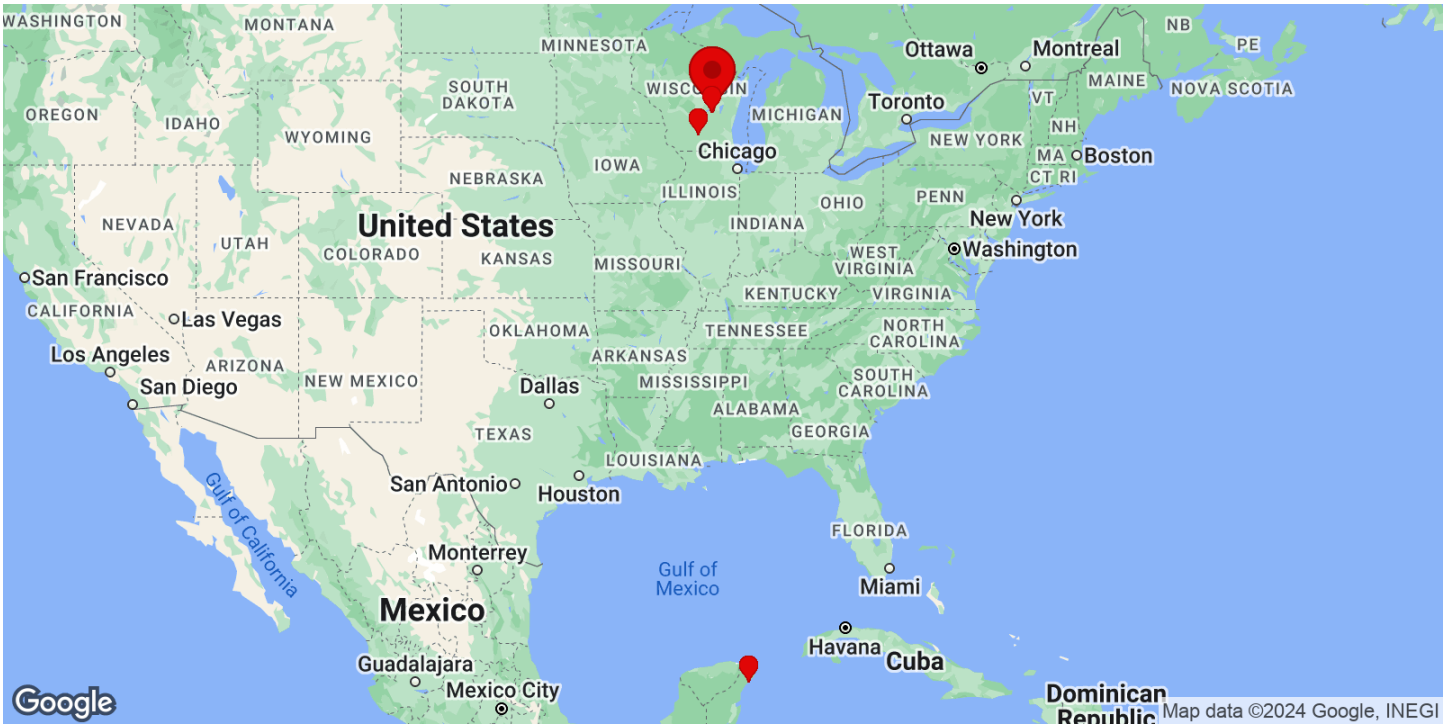
Gas Probe	Time	Pwell (in.H_20)	Methane (% LEL)	Methane (% by Vol.)	Carbon Dioxide (% by Vol.)	Oxygen (% by Vol.)	Notes
GP-1	8:01	0.0	0	0.4	11.0	1.8	
GP-2	8:31	0.0	0.0	0.6	0.0	20.8	
GP-2	~~8~~						
GP-2							
GP-3	8:36	0.0	0.0	0.0	0.1	20.7	
GP-4	8:44	0.0	0.0	0.0	1.0	19.8	
GP-5	8:05	0.0	0.0	0.0	5.9	11.9	
GP-6	8:55	0.0	0.0	0.0	0.6	20.1	
GP-7	8:52	0.0	0.0	0.0	0.0	20.8	
GP-8	~~8:~~						
GP-10	8:29	0.0	0.0	0.0	4.2	14.5	
GP-11	8:17	0.0	0.0	0.0	2.1	18.8	
GP-12	8:13	0.0	0.0	0.0	1.5	19.4	
MW-101	8:22	0.0	0.0	0.0	0.1	20.6	
MW-102	8:07	0.0	0.0	0.0	0.5	19.5	
MW-103	8:41	Open to ATM	0.0	0.0	0.3	20.4	open to ATM
MW-104	9:00	Open to ATM	0.0		0.8	19.2	open to ATM

Notes:
% LEL = Percent Lower Explosive Limit
% by Vol. = Percent by volume

Footnotes:
(1) Gas reading greater than 100% LEL for methane (equivalent to >5% methane by volume).

TRC Groundwater Sampling

Ripon Q2, June 20, 2023



Project Information

Project Name	Ripon Q2
Project Number	538168
Project Manager	Andy Stehn
Location	Ripon, WI
Start Date of Field Work	June 20, 2023
End Date of Field Work	June 21, 2023
Purpose of Field Work	In-Situ MPS Low Flow Stabilization and Sample Collection, Low Flow Stabilization and Sample Collection, Well Gauging, Groundwater Sample Collection

General Notes (3 Items)

General Notes - 1. 09:32

Daily Notes

Arrival Date	June 20, 2023
Arrival Time	09:32
Departure Time	15:45
Field Staff	Marshal Tofte, Wes Braga, Will Hazeltine
Weather Conditions	Clear
Temperature	75
Wind	Light breeze
Work/Sampling Performed	Low flow GW sampling
Site Location	Ripon Landfill
Equipment Used	
Equipment Calibration	Yes
Meter Calibration Attachment	
Problems Encountered	Did not calibrate WQ meter at end of day. WH (intern) collected the sample at P-107. He did not end the water quality meter data collection after stabilization/before sampling so the meter collected an additional round of information. The values from the 15 minute mark should be the values used and the sample time should be 14:03. I did not catch that he wrote 14:08 on the sample bottle.
Corrective Action Taken	
Communication	9:45 - Calibrated WQ meter
General_Photos	

General Notes - 2. 10:05

Daily Notes

Arrival Date	June 21, 2023
Arrival Time	10:05
Departure Time	15:30
Field Staff	Marshal Tofte, Wes Braga
Weather Conditions	Clear, Sunny hot
Temperature	80
Wind	Slight breeze
Work/Sampling Performed	Low flow GW sampling
Site Location	Ripon landfill
Equipment Used	
Equipment Calibration	Yes
Meter Calibration Attachment	
Problems Encountered	
Corrective Action Taken	
Communication	9:55 - Ice Stop 10:05 - Grab equipment from Wes 10:25 - Calibrate WQ meter 14:00 - Asked Wes to open P-118 and P-117 15:30 - End of day WQ meter calibration; Drop samples and equipment with Wes
General_Photos	

General Notes - 3. 09:10

Daily Notes

Arrival Date	June 22, 2023
Arrival Time	09:10
Departure Time	16:00
Field Staff	Wes Braga
Weather Conditions	Clear
Temperature	80
Wind	5-10
Work/Sampling Performed	Groundwater Sampling
Site Location	Ripon, WI

Equipment Used	In-Situ MPS w/ Flow Cell, Turbidity Meter, Water Level Indicator
Equipment Calibration	Yes
Meter Calibration Attachment	
Problems Encountered	Rhode well unable to be sampled due to pump not working. Owners unable to resolve issue while TRC was on site.
Corrective Action Taken	
Communication	Andy Stehn - Rhode well pump issue
General_Photos	

Sample Log (19 Items)

Sample Log - 1. MW-103

Well Information

Well ID	MW-103
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. MW-103

Well ID	MW-103
Date	June 20, 2023
Time	11:00
Pump Type	Bailer
Stabilization Criteria	TRC SOP
Depth to Water (FEET T/PVC)	50.61
Depth to Bottom (FEET T/PVC)	53.69
Well Volume (L)	1.89
Volume Removed (L)	15.14
Color	CLEAR
Odor	None
Turbidity	None
Disposal Method	Treatment System

Comments	

Sample Information (1 Item)

Sample Information - 1. MW-103

Well ID	MW-103
Date	June 20, 2023
Time	11:15
Unique Sample ID	MW-103_20230620
Final pH (SU)	6.46
Final Conductivity (uS/cm)	844.25
Final Dissolved Oxygen (mg/l)	6.51
Final ORP (mv)	122.3
Final Turbidity Reading (NTU)	4.9
Final Observed Turbidity	None
Final Temperature (Deg. C)	21.53
Final Color	Clear
Odor	None
Filtrate (0.45 um)	Yes
Filtrate Color	Clear
Filtrate Odor	None
QC Sample	NONE

Bottles Filled (4 Items)

Bottles Filled - 1. 125 mL PLSTC

Well ID	MW-103
Sample Bottles Filled	125 mL PLSTC
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 2. 40 mL VOA

Well ID	MW-103
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	MW-103
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)
Filtered	Yes
Sample_Photos	

Bottles Filled - 4. 250 mL CLR PLSTC

Well ID	MW-103
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Sulfuric Acid (H2SO4)
Filtered	No
Sample_Photos	

Comments	
Well Stabilization Record	

Sample Log - 2. P-103

Well Information

Well ID	P-103
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-103

Well ID	P-103
Date	June 20, 2023
Time	11:49
Pump Type	Dedicated Bladder
Stabilization Criteria	TRC SOP
Depth to Water (FEET T/PVC)	49.58
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	
Color	LIGHT BROWN, Clear after 10 minutes of purging.
Odor	None
Turbidity	Slight
Disposal Method	Treatment System
Comments	

Sample Information (1 Item)

Sample Information - 1. P-103

Well ID	P-103
Date	June 20, 2023
Time	12:15
Unique Sample ID	P-103_20230620
Final pH (SU)	6.59
Final Conductivity (uS/cm)	673.64
Final Dissolved Oxygen (mg/l)	0.47
Final ORP (mv)	86.3
Final Turbidity Reading (NTU)	6.04
Final Observed Turbidity	None
Final Temperature (Deg. C)	12.79
Final Color	Clear
Odor	None
Filtrate (0.45 um)	Yes

Filtrate Color	Clear
Filtrate Odor	None
QC Sample	NONE

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	P-103
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 2. 125 mL CLR PLSTC

Well ID	P-103
Sample Bottles Filled	125 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	P-103
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)
Filtered	Yes
Sample_Photos	

Bottles Filled - 4. 250 mL CLR PLSTC

Well ID	P-103
Sample Bottles Filled	250 mL CLR PLSTC

Number of Bottles Filled	1
Preservative	Sulfuric Acid (H2SO4)
Filtered	No
Sample_Photos	
Comments	
Well Stabilization Record	

Sample Log - 3. P-103D

Well Information

Well ID	P-103D
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-103D

Well ID	P-103D
Date	June 20, 2023
Time	12:47
Pump Type	Dedicated Bladder
Stabilization Criteria	TRC SOP
Depth to Water (FEET T/PVC)	50.71
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	
Color	CLEAR
Odor	Lightly Humic
Turbidity	None
Disposal Method	Treatment System
Comments	

Sample Information (1 Item)

Sample Information - 1. P-103D

Well ID	P-103D
Date	June 20, 2023
Time	13:08
Unique Sample ID	P-103D_20230620
Final pH (SU)	6.76
Final Conductivity (uS/cm)	764.84
Final Dissolved Oxygen (mg/l)	0.37
Final ORP (mv)	68
Final Turbidity Reading (NTU)	0.28
Final Observed Turbidity	None
Final Temperature (Deg. C)	12.34
Final Color	Clear
Odor	None
Filtrate (0.45 um)	Yes
Filtrate Color	Clear
Filtrate Odor	None
QC Sample	NONE

Bottles Filled (4 Items)

Bottles Filled - 1. 125 mL PLSTC

Well ID	P-103D
Sample Bottles Filled	125 mL PLSTC
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 2. 250 mL CLR PLSTC

Well ID	P-103D
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)

Filtered	Yes
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	P-103D
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Sulfuric Acid (H2SO4)
Filtered	No
Sample_Photos	

Bottles Filled - 4. 40 mL VOA

Well ID	P-103D
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Comments	
Well Stabilization Record	

Sample Log - 4. P-107

Well Information

Well ID	P-107
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-107

Well ID	P-107
Date	June 20, 2023
Time	13:48
Pump Type	Dedicated Bladder
Stabilization Criteria	TRC SOP
Depth to Water (FEET T/PVC)	50.84
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	
Color	Orange Brown
Odor	None
Turbidity	Very
Disposal Method	Treatment System
Comments	

Sample Information (1 Item)

Sample Information - 1. P-107

Well ID	P-107
Date	June 20, 2023
Time	14:03
Unique Sample ID	P-107_20230620
Final pH (SU)	6.84
Final Conductivity (uS/cm)	764.64
Final Dissolved Oxygen (mg/l)	0.66
Final ORP (mv)	44.6
Final Turbidity Reading (NTU)	8.56
Final Observed Turbidity	None
Final Temperature (Deg. C)	14.57
Final Color	Clear
Odor	None
Filtrate (0.45 um)	No
QC Sample	NONE

Bottles Filled (1 Item)

Bottles Filled - 1. 40 mL VOA

Well ID	P-107
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	
Comments	In-Situ meter data from the 15:00 mark should be used. Sample was collected at 14:03. WH (intern) did not stop the meter after stabilization before collecting samples so another round of information was collected.
Well Stabilization Record	

Sample Log - 5. MW-107

Well Information

Well ID	MW-107
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. MW-107

Well ID	MW-107
Date	June 20, 2023
Time	14:24
Pump Type	Bailer
Stabilization Criteria	TRC SOP
Depth to Water (FEET T/PVC)	51.91
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	2.08
Volume Removed (L)	8.33
Color	Orange
Odor	None

Turbidity	Very
Disposal Method	Treatment Systmem
Comments	

Sample Information (1 Item)

Sample Information - 1. MW-107

Well ID	MW-107
Date	June 20, 2023
Time	14:40
Unique Sample ID	MW-107_20230620
Final pH (SU)	7.09
Final Conductivity (uS/cm)	754.78
Final Dissolved Oxygen (mg/l)	8.03
Final ORP (mv)	98.53
Final Turbidity Reading (NTU)	75.7
Final Observed Turbidity	Very
Final Temperature (Deg. C)	18.02
Final Color	Orange Brown
Odor	None
Filtrate (0.45 um)	No
QC Sample	NONE

Bottles Filled (1 Item)

Bottles Filled - 1. 40 mL VOA

Well ID	MW-107
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Comments	Purge water started clear and became progressively more turbid.
Well Stabilization Record	

Sample Log - 6. MW-104

Well Information

Well ID	MW-104
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. MW-104

Well ID	MW-104
Date	June 20, 2023
Time	15:13
Pump Type	Bailer
Stabilization Criteria	TRC SOP
Depth to Water (FEET T/PVC)	51.88
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	1.85
Volume Removed (L)	7.46
Color	GRAY, Could be considered gray or clear with black particulate
Odor	None
Turbidity	Moderate
Disposal Method	Treatment System
Comments	

Sample Information (1 Item)

Sample Information - 1. MW-104

Well ID	MW-104
Date	June 20, 2023
Time	15:13
Unique Sample ID	MW-104_20230620
Final pH (SU)	7.55

Final Conductivity (uS/cm)	939.78
Final Dissolved Oxygen (mg/l)	3.35
Final ORP (mv)	89.37
Final Turbidity Reading (NTU)	8
Final Observed Turbidity	Moderate
Final Temperature (Deg. C)	18.59
Final Color	Gray or clear with black particulate. The particulate did not seem dissolved as if it changed the water color evenly.
Odor	None
Filtrate (0.45 um)	No
QC Sample	NONE

Bottles Filled (1 Item)

Bottles Filled - 1. 40 mL VOA

Well ID	MW-104
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	
Comments	
Well Stabilization Record	

Sample Log - 7. P-107D

Well Information

Well ID	P-107D
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-107D

Well ID	P-107D
Date	June 21, 2023
Time	11:18
Pump Type	Dedicated Bladder
Stabilization Criteria	TRC SOP
Depth to Water (FEET T/PVC)	52.99
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	
Color	CLEAR
Odor	None
Turbidity	None
Disposal Method	Treatment System
Comments	

Sample Information (1 Item)

Sample Information - 1. P-107D

Well ID	P-107D
Date	June 21, 2023
Time	11:58
Unique Sample ID	P-107D_20230621
Final pH (SU)	6.81
Final Conductivity (uS/cm)	613.07
Final Dissolved Oxygen (mg/l)	2.99
Final ORP (mv)	96.8
Final Turbidity Reading (NTU)	0.41
Final Observed Turbidity	None
Final Temperature (Deg. C)	13.91
Final Color	Clear
Odor	None
Filtrate (0.45 um)	Yes
Filtrate Color	Clear
Filtrate Odor	None
QC Sample	NONE

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	P-107D
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 2. 125 mL PLSTC

Well ID	P-107D
Sample Bottles Filled	125 mL PLSTC
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	P-107D
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)
Filtered	Yes
Sample_Photos	

Bottles Filled - 4. 250 mL CLR PLSTC

Well ID	P-107D
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Sulfuric Acid (H2SO4)
Filtered	No
Sample_Photos	

Comments	
Well Stabilization Record	

Sample Log - 8. P-111D

Well Information

Well ID	P-111D
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-111D

Well ID	P-111D
Date	June 21, 2023
Time	12:33
Pump Type	Dedicated Bladder
Stabilization Criteria	TRC SOP
Depth to Water (FEET T/PVC)	35.36
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	
Color	CLEAR
Odor	None
Turbidity	None
Disposal Method	Treatment System
Comments	

Sample Information (1 Item)

Sample Information - 1. P-111D

Well ID	P-111D
Date	June 21, 2023

Time	12:58
Unique Sample ID	P-111D_20230621
Final pH (SU)	6.94
Final Conductivity (uS/cm)	852.71
Final Dissolved Oxygen (mg/l)	0.93
Final ORP (mv)	68.2
Final Turbidity Reading (NTU)	0.99
Final Observed Turbidity	None
Final Temperature (Deg. C)	12.4
Final Color	Clear
Odor	None
Filtrate (0.45 um)	Yes
Filtrate Color	Clear
Filtrate Odor	None
QC Sample	NONE

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	P-111D
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 2. 125 mL PLSTC

Well ID	P-111D
Sample Bottles Filled	125 mL PLSTC
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	P-111D
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)
Filtered	Yes
Sample_Photos	

Bottles Filled - 4. 250 mL CLR PLSTC

Well ID	P-111D
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Sulfuric Acid (H2SO4)
Filtered	No
Sample_Photos	

Comments	
Well Stabilization Record	

Sample Log - 9. P-118

Well Information

Well ID	P-118
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-118

Well ID	P-118
Date	June 21, 2023
Time	14:02
Pump Type	Dedicated Bladder
Stabilization Criteria	TRC SOP

Depth to Water (FEET T/PVC)	8.91
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	
Color	CLEAR
Odor	None
Turbidity	None
Disposal Method	Treatment System
Comments	

Sample Information (1 Item)

Sample Information - 1. P-118

Well ID	P-118
Date	June 21, 2023
Time	14:22
Unique Sample ID	P-118_20230621
Final pH (SU)	7.1
Final Conductivity (uS/cm)	610.52
Final Dissolved Oxygen (mg/l)	0.41
Final ORP (mv)	38.9
Final Turbidity Reading (NTU)	0.55
Final Observed Turbidity	None
Final Temperature (Deg. C)	12.31
Final Color	Clear
Odor	None
Filtrate (0.45 um)	Yes
Filtrate Color	Clear
Filtrate Odor	None
QC Sample	NONE

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	P-118
Sample Bottles Filled	40 mL VOA

Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 2. 125 mL CLR PLSTC

Well ID	P-118
Sample Bottles Filled	125 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	P-118
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)
Filtered	Yes
Sample_Photos	

Bottles Filled - 4. 250 mL CLR PLSTC

Well ID	P-118
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Sulfuric Acid (H2SO4)
Filtered	No
Sample_Photos	

Comments	
Well Stabilization Record	

Sample Log - 10. P-117

Well Information

Well ID	P-117
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-117

Well ID	P-117
Date	June 21, 2023
Time	14:39
Pump Type	Dedicated Bladder
Stabilization Criteria	TRC SOP
Depth to Water (FEET T/PVC)	16.05
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	
Color	CLEAR
Odor	None
Turbidity	None
Disposal Method	Treatment System
Comments	

Sample Information (1 Item)

Sample Information - 1. P-117

Well ID	P-117
Date	June 21, 2023
Time	15:09
Unique Sample ID	P-117_20230621
Final pH (SU)	6.97
Final Conductivity (uS/cm)	753.33
Final Dissolved Oxygen (mg/l)	0.74
Final ORP (mv)	42.7

Final Turbidity Reading (NTU)	0.91
Final Observed Turbidity	None
Final Temperature (Deg. C)	11.56
Final Color	Clear
Odor	None
Filtrate (0.45 um)	Yes
Filtrate Color	Clear
Filtrate Odor	None
QC Sample	NONE

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	P-117
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 2. 125 mL CLR PLSTC

Well ID	P-117
Sample Bottles Filled	125 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	P-117
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)
Filtered	Yes

Sample_Photos

Bottles Filled - 4. 250 mL CLR PLSTC

Well ID	P-117
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Sulfuric Acid (H2SO4)
Filtered	No
Sample_Photos	
Comments	
Well Stabilization Record	

Sample Log - 11. MW-112

Well Information

Well ID	MW-112
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. MW-112

Well ID	MW-112
Date	June 21, 2023
Time	10:45
Pump Type	Other, Bailer
Stabilization Criteria	None
Depth to Water (FEET T/PVC)	53.83
Depth to Bottom (FEET T/PVC)	60.47
Well Volume (L)	4
Volume Removed (L)	16
Color	OTHER, Orange

Odor	None
Turbidity	Slight
Disposal Method	Other, Treatment plant
Comments	

Sample Information (1 Item)

Sample Information - 1. MW-112

Well ID	MW-112
Date	June 21, 2023
Time	10:45
Unique Sample ID	MW-112_20230621
Final pH (SU)	7.26
Final Conductivity (uS/cm)	900.61
Final Dissolved Oxygen (mg/l)	4.41
Final ORP (mv)	-95.2
Final Turbidity Reading (NTU)	119.05
Final Observed Turbidity	Slight
Final Temperature (Deg. C)	23.57
Final Color	none
Odor	none
Filtrate (0.45 um)	No
QC Sample	NONE

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	MW-112
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 2. 125 ml plastic

Well ID	MW-112
Sample Bottles Filled	125 ml plastic
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	MW-112
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)
Filtered	Yes
Sample_Photos	

Bottles Filled - 4. 250 mL CLR PLSTC

Well ID	MW-112
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Sulfuric Acid (H2SO4)
Filtered	No
Sample_Photos	

Comments	
Well Stabilization Record	

Sample Log - 12. P-106

Well Information

Well ID	P-106
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-106

Well ID	P-106
Date	June 20, 2023
Time	14:52
Pump Type	Dedicated Bladder
Stabilization Criteria	PROJECT SPECIFIC
Depth to Water (FEET T/PVC)	55.19
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	10.5
Color	CLEAR
Odor	Sulfer
Turbidity	None
Disposal Method	Treatment Plant
Comments	

Sample Information (1 Item)

Sample Information - 1. P-106

Well ID	P-106
Date	June 20, 2023
Time	15:27
Unique Sample ID	P-106_20230620
Final pH (SU)	7.5
Final Conductivity (uS/cm)	559.41
Final Dissolved Oxygen (mg/l)	0.35
Final ORP (mv)	-80.9
Final Turbidity Reading (NTU)	0.51
Final Observed Turbidity	None
Final Temperature (Deg. C)	10.97
Final Color	None
Odor	None
Filtrate (0.45 um)	No

QC Sample	

Bottles Filled (1 Item)

Bottles Filled - 1. 40 mL VOA

Well ID	P-106
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	
Comments	
Well Stabilization Record	

Sample Log - 13. P-113A

Well Information

Well ID	P-113A
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-113A

Well ID	P-113A
Date	June 21, 2023
Time	12:01
Pump Type	Dedicated Bladder
Stabilization Criteria	PROJECT SPECIFIC
Depth to Water (FEET T/PVC)	16.05
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	

Color	CLEAR
Odor	None
Turbidity	None
Disposal Method	Ripon Treatment Plant
Comments	

Sample Information (1 Item)

Sample Information - 1. P-113A

Well ID	P-113A
Date	June 21, 2023
Time	12:31
Unique Sample ID	P-113A_20230621
Final pH (SU)	7.33
Final Conductivity (uS/cm)	537.82
Final Dissolved Oxygen (mg/l)	1.37
Final ORP (mv)	-0.4
Final Turbidity Reading (NTU)	0.05
Final Observed Turbidity	None
Final Temperature (Deg. C)	11.89
Final Color	None
Odor	None
Filtrate (0.45 um)	Yes
Filtrate Color	None
Filtrate Odor	None
QC Sample	NONE

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	P-113A
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No

Sample_Photos

Bottles Filled - 2. 125 ml CLR PLSTC

Well ID	P-113A
Sample Bottles Filled	125 ml CLR PLSTC
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	P-113A
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)
Filtered	Yes
Sample_Photos	

Bottles Filled - 4. 250 mL CLR PLSTC

Well ID	P-113A
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Sulfuric Acid (H2SO4)
Filtered	No
Sample_Photos	

Comments	
Well Stabilization Record	

Sample Log - 14. P-113B

Well Information

Well ID	P-113B
Well Diameter (inches)	2

Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-113B

Well ID	P-113B
Date	June 21, 2023
Time	12:47
Pump Type	Dedicated Bladder
Stabilization Criteria	PROJECT SPECIFIC
Depth to Water (FEET T/PVC)	15.16
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	5
Volume Removed (L)	
Color	CLEAR
Odor	None
Turbidity	Slight
Disposal Method	Ripon Treatment Plant
Comments	

Sample Information (1 Item)

Sample Information - 1. P-113B

Well ID	P-113B
Date	June 21, 2023
Time	13:12
Unique Sample ID	P-113B_20230621
Final pH (SU)	7.76
Final Conductivity (uS/cm)	655.04
Final Dissolved Oxygen (mg/l)	0.22
Final ORP (mv)	-114.8
Final Turbidity Reading (NTU)	28.25
Final Observed Turbidity	Slight
Final Temperature (Deg. C)	14.29
Final Color	brown

Odor	none
Filtrate (0.45 um)	Yes
Filtrate Color	none
Filtrate Odor	none
QC Sample	

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	P-113B
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 2. 125 ml CLR PLSTC

Well ID	P-113B
Sample Bottles Filled	125 ml CLR PLSTC
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	P-113B
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)
Filtered	Yes
Sample_Photos	

Bottles Filled - 4. 250 mL CLR PLSTC

Well ID	P-113B
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Sulfuric Acid (H2SO4)
Filtered	No
Sample_Photos	
Comments	
Well Stabilization Record	

Sample Log - 15. MW-3A

Well Information

Well ID	MW-3A
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. MW-3A

Well ID	MW-3A
Date	June 21, 2023
Time	14:40
Pump Type	Dedicated Bladder
Stabilization Criteria	PROJECT SPECIFIC
Depth to Water (FEET T/PVC)	31.85
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	8
Color	CLEAR
Odor	sulfer
Turbidity	None
Disposal Method	Ripon Treatment Plant
Comments	

Sample Information (1 Item)

Sample Information - 1. MW-3A

Well ID	MW-3A
Date	June 21, 2023
Time	15:20
Unique Sample ID	MW-3A_20230621
Final pH (SU)	7.45
Final Conductivity (uS/cm)	541.36
Final Dissolved Oxygen (mg/l)	0.17
Final ORP (mv)	-42.7
Final Turbidity Reading (NTU)	0.15
Final Observed Turbidity	None
Final Temperature (Deg. C)	11.16
Final Color	none
Odor	none
Filtrate (0.45 um)	Yes
Filtrate Color	none
Filtrate Odor	none
QC Sample	

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	MW-3A
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 2. 125 ML CLR PLSTC

Well ID	MW-3A
Sample Bottles Filled	125 ML CLR PLSTC

Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	MW-3A
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)
Filtered	Yes
Sample_Photos	

Bottles Filled - 4. 250 mL CLR PLSTC

Well ID	MW-3A
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Sulfuric Acid (H2SO4)
Filtered	No
Sample_Photos	

Comments	
Well Stabilization Record	

Sample Log - 16. MW-3B

Well Information

Well ID	MW-3B
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. MW-3B

Well ID	MW-3B
Date	June 21, 2023
Time	15:41
Pump Type	Dedicated Bladder
Stabilization Criteria	PROJECT SPECIFIC
Depth to Water (FEET T/PVC)	30.56
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	
Color	dark gray
Odor	sulfer
Turbidity	Slight
Disposal Method	
Comments	

Sample Information (1 Item)

Sample Information - 1. MW-3B

Well ID	MW-3B
Date	June 21, 2023
Time	16:26
Unique Sample ID	MW-3B_20230621
Final pH (SU)	7.66
Final Conductivity (uS/cm)	648.76
Final Dissolved Oxygen (mg/l)	0.18
Final ORP (mv)	-126.3
Final Turbidity Reading (NTU)	4.92
Final Observed Turbidity	None
Final Temperature (Deg. C)	10.38
Final Color	none
Odor	none
Filtrate (0.45 um)	Yes
Filtrate Color	none
Filtrate Odor	none

QC Sample	DUPLICATE
Dup ID	01

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	MW-3B
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	8
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 2. 125 ML CLR PLSTC

Well ID	MW-3B
Sample Bottles Filled	125 ML CLR PLSTC
Number of Bottles Filled	2
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	MW-3B
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	2
Preservative	Nitric Acid (HNO3)
Filtered	Yes
Sample_Photos	

Bottles Filled - 4. 250 mL CLR PLSTC

Well ID	MW-3B
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	2

Preservative	Sulfuric Acid (H2SO4)
Filtered	No
Sample_Photos	
Comments	
Well Stabilization Record	

Sample Log - 17. P-116

Well Information

Well ID	P-116
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-116

Well ID	P-116
Date	June 21, 2023
Time	09:25
Pump Type	Dedicated Bladder
Stabilization Criteria	PROJECT SPECIFIC
Depth to Water (FEET T/PVC)	27.02
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	
Color	CLEAR
Odor	None
Turbidity	None
Disposal Method	Other
Comments	

Sample Information (1 Item)

Sample Information - 1. P-116

Well ID	P-116
Date	June 22, 2023
Time	10:45
Unique Sample ID	P-116_20230622
Final pH (SU)	7.77
Final Conductivity (uS/cm)	528.72
Final Dissolved Oxygen (mg/l)	0.2
Final ORP (mv)	-52.3
Final Turbidity Reading (NTU)	0.15
Final Observed Turbidity	None
Final Temperature (Deg. C)	14.47
Final Color	None
Odor	None
Filtrate (0.45 um)	Yes
Filtrate Color	None
Filtrate Odor	None
QC Sample	NONE

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	P-116
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 2. 125 ml CLR PLSTC

Well ID	P-116
Sample Bottles Filled	125 ml CLR PLSTC
Number of Bottles Filled	1
Preservative	None

Filtered	No
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	P-116
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Sulfuric Acid (H2SO4)
Filtered	Yes
Sample_Photos	

Bottles Filled - 4. 250 mL CLR PLSTC

Well ID	P-116
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Sulfuric Acid (H2SO4)
Filtered	No
Sample_Photos	

Comments	
Well Stabilization Record	

Sample Log - 18. P-114

Well Information

Well ID	P-114
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-114

Well ID	P-114
Date	June 22, 2023
Time	11:18
Pump Type	Dedicated Bladder
Stabilization Criteria	PROJECT SPECIFIC
Depth to Water (FEET T/PVC)	13.22
Depth to Bottom (FEET T/PVC)	
Well Volume (L)	
Volume Removed (L)	7
Color	CLEAR
Odor	None
Turbidity	None
Disposal Method	Ripon Treatment
Comments	

Sample Information (1 Item)

Sample Information - 1. P-114

Well ID	P-114
Date	June 22, 2023
Time	11:53
Unique Sample ID	P-114_20230622
Final pH (SU)	7.51
Final Conductivity (uS/cm)	773.58
Final Dissolved Oxygen (mg/l)	0.13
Final ORP (mv)	-98.5
Final Turbidity Reading (NTU)	8.8
Final Observed Turbidity	None
Final Temperature (Deg. C)	10.88
Final Color	None
Odor	None
Filtrate (0.45 um)	Yes
Filtrate Color	None
Filtrate Odor	None
QC Sample	

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	P-114
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 2. 125 ml CLR PLSTC

Well ID	P-114
Sample Bottles Filled	125 ml CLR PLSTC
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	P-114
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)
Filtered	Yes
Sample_Photos	

Bottles Filled - 4. 250 mL CLR PLSTC

Well ID	P-114
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Sulfuric Acid (H2SO4)
Filtered	No
Sample_Photos	

Comments	
Well Stabilization Record	

Sample Log - 19. P-115

Well Information

Well ID	P-115
Well Diameter (inches)	2
Well Material	PVC
Sample Type	GW

Purging (1 Item)

Purging - 1. P-115

Well ID	P-115
Date	June 22, 2023
Time	12:36
Pump Type	Dedicated Bladder
Stabilization Criteria	PROJECT SPECIFIC
Depth to Water (FEET T/PVC)	23.41
Depth to Bottom (FEET T/PVC)	23.41
Well Volume (L)	
Volume Removed (L)	10.5
Color	CLEAR
Odor	None
Turbidity	None
Disposal Method	Ripon Treatment Plant
Comments	

Sample Information (1 Item)

Sample Information - 1. P-115

Well ID	P-115
Date	June 22, 2023

Time	13:26
Unique Sample ID	P-115_20230622
Final pH (SU)	7.6
Final Conductivity (uS/cm)	625.2
Final Dissolved Oxygen (mg/l)	0.16
Final ORP (mv)	-108.1
Final Turbidity Reading (NTU)	2.1
Final Observed Turbidity	None
Final Temperature (Deg. C)	12
Final Color	None
Odor	None
Filtrate (0.45 um)	Yes
Filtrate Color	None
Filtrate Odor	None
QC Sample	

Bottles Filled (4 Items)

Bottles Filled - 1. 40 mL VOA

Well ID	P-115
Sample Bottles Filled	40 mL VOA
Number of Bottles Filled	4
Preservative	Hydrochloric Acid (HCL)
Filtered	No
Sample_Photos	

Bottles Filled - 2. 125 ml CLR PLSTC

Well ID	P-115
Sample Bottles Filled	125 ml CLR PLSTC
Number of Bottles Filled	1
Preservative	None
Filtered	No
Sample_Photos	

Bottles Filled - 3. 250 mL CLR PLSTC

Well ID	P-115
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Nitric Acid (HNO3)
Filtered	Yes
Sample_Photos	

Bottles Filled - 4. 250 mL CLR PLSTC

Well ID	P-115
Sample Bottles Filled	250 mL CLR PLSTC
Number of Bottles Filled	1
Preservative	Sulfuric Acid (H2SO4)
Filtered	No
Sample_Photos	

Comments	
Well Stabilization Record	

Well Stabilization Parameters

Attachments	
Signature	 Signed 7/18/2023, 9:37:18 PM UTC

Field Note QC

QC Reviewer	Marshal Tofte
QC Comments	N/A
QC Date	January 22, 2024

QC Signature

Signed 1/22/2024, 8:22:11 PM UTC

WATER LEVEL DATA

Well Location ID	Date Measured	Time Measured	Depth to Water (ft)	Depth to Bottom (ft)	Screened Interval (ft bgs)	Product Present	Comments
MW-103	2023-06-20	10:02	50.61				
P-103	2023-06-20	10:04	49.58				
P-103D	2023-06-20	10:05	50.56				
MW-112	2023-06-20	10:10	53.81				
MW-104	2023-06-20	10:17	51.72				
P-104	2023-06-20	10:17	52.05				
P-108	2023-06-20	10:26	23.99				
MW-108	2023-06-20	10:26	26.21				
MW-107	2023-06-20	10:32	51.16				
P-107	2023-06-20	10:35	50.79				
P-107D	2023-06-20	10:38	52.51				
MW-106	2023-06-20	10:47	55.05				
P-106	2023-06-20	10:51	55.19				
P-102	2023-06-20	11:16	19.11				
MW-102	2023-06-20	11:16	19.21				
P-101	2023-06-20	11:36	61.92				
MW-101	2023-06-20	11:47	61.55				
P-111D	2023-06-20	12:58	35.51				
MW-111	2023-06-20	13:01	37.25				
P-111	2023-06-20	13:04	37.31				
MW-3B	2023-06-20	13:09	30.56				
MW-3A	2023-06-20	13:11	31.85				
P-117	2023-06-20	13:17	15.99				
P-118	2023-06-20	13:20	8.88				
P-116	2023-06-20	13:33	27.02				
P-114	2023-06-20	13:41	13.22				
P-115	2023-06-20	13:47	23.41				
P-113A	2023-06-20	14:05	16.05				
P-113B	2023-06-20	14:08	15.16				

Appendix C: Laboratory Analytical Reports

CT LABORATORIES

delivering more than data from your environmental analyses

ANALYTICAL REPORT

Data assessment (CT Laboratories, Baraboo, WI; Folder #:176238):
All holding times, field qc, and lab qc met criteria, except as specified below.
MS/MSD/LCS
-Bromoform: RPD above control limits; associated detections considered estimated, "j"
Data has been reviewed per TRC data usability guidelines and is usable with the above notations.
P Popp, 5/4/2023

This report at a minimum contains the following information:

- Analytical Report of Test Results
- Description of QC Qualifiers
- Chain of Custody (copy)
- Quality Control Summary
- Case Narrative (if applicable)
- Correspondence with Client (if applicable)

CT LABORATORIES
delivering more than data from your environmental analyses

CT Laboratories LLC • 1230 Lange Ct • Baraboo, WI 53913
608 -356-2760 • www.ctlaboratories.com

ANALYTICAL REPORT

TRC ENVIRONMENTAL
ANDREW STEHN
708 HEARTLAND TRAIL
SUITE 3000
MADISON, WI 53717

Copy: astehn@trccompanies.com

Project Name: RIPON FF/NN LANDFILL
Project Phase: RIPON, WI
Project #: 538168
Folder #: 176238
Purchase Order #: 198344
Contract #: 3276

Arrival Temperature: 2.7
Report Date: 4/6/2023
Date Received: 3/23/2023
Reprint Date: 4/6/2023

CT LAB#: 1302514 Sample Description: MW-3A-202303 License/Well #: 00467/133 Sampled: 3/21/2023 16:15

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	19	mg/L	0.80	2.5	1			4/3/2023 12:13	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			3/30/2023 12:59	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	448	ug/L	1.2	5.0	1			3/23/2023 22:48	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			3/25/2023 19:31	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			3/25/2023 19:31	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			3/25/2023 19:31	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			3/25/2023 19:31	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302514 Sample Description: MW-3A-202303 License/Well #: 00467/133 Sampled: 3/21/2023 16:15

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			3/25/2023 19:31	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			3/25/2023 19:31	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			3/25/2023 19:31	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			3/25/2023 19:31	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			3/25/2023 19:31	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			3/25/2023 19:31	RLD	EPA 8260C
Acetone	<0.84	ug/L	0.84	4.0	1			3/25/2023 19:31	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			3/25/2023 19:31	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1	Y		3/25/2023 19:31	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			3/25/2023 19:31	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			3/25/2023 19:31	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			3/25/2023 19:31	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			3/25/2023 19:31	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302514 Sample Description: MW-3A-202303 License/Well #: 00467/133 Sampled: 3/21/2023 16:15

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Chloromethane	<0.045	ug/L	0.045	0.20	1			3/25/2023 19:31	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.023	ug/L	0.023	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			3/25/2023 19:31	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			3/25/2023 19:31	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			3/25/2023 19:31	RLD	EPA 8260C
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			3/25/2023 19:31	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			3/25/2023 19:31	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			3/25/2023 19:31	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			3/25/2023 19:31	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			3/25/2023 19:31	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302514 Sample Description: MW-3A-202303 License/Well #: 00467/133 Sampled: 3/21/2023 16:15

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			3/25/2023 19:31	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			3/25/2023 19:31	RLD	EPA 8260C
Vinyl chloride	<0.019	ug/L	0.019	0.10	1			3/25/2023 19:31	RLD	EPA 8260C
1,2 Dichloroethane-d4	96.0	% Recovery	70.0	130	1			3/25/2023 19:31	RLD	EPA 8260C
Bromofluorobenzene	99.0	% Recovery	70.0	130	1			3/25/2023 19:31	RLD	EPA 8260C
d8-Toluene	101	% Recovery	70.0	130	1			3/25/2023 19:31	RLD	EPA 8260C
Dibromofluoromethane	101	% Recovery	70.0	130	1			3/25/2023 19:31	RLD	EPA 8260C

CT LAB#: 1302517 Sample Description: MW-3B-202303 License/Well #: 00467/134 Sampled: 3/21/2023 15:27

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	54	mg/L	4.0	13	5			4/3/2023 12:30	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			3/30/2023 13:03	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	92.8	ug/L	1.2	5.0	1			3/23/2023 23:10	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			3/24/2023 15:28	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			3/24/2023 15:28	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			3/24/2023 15:28	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			3/24/2023 15:28	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			3/24/2023 15:28	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			3/24/2023 15:28	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302517 Sample Description: MW-3B-202303 License/Well #: 00467/134 Sampled: 3/21/2023 15:27

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			3/24/2023 15:28	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			3/24/2023 15:28	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			3/24/2023 15:28	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			3/24/2023 15:28	RLD	EPA 8260C
Acetone	<0.84	ug/L	0.84	4.0	1			3/24/2023 15:28	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			3/24/2023 15:28	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1	Y		3/24/2023 15:28	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			3/24/2023 15:28	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			3/24/2023 15:28	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			3/24/2023 15:28	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			3/24/2023 15:28	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.023	ug/L	0.023	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			3/24/2023 15:28	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			3/24/2023 15:28	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			3/24/2023 15:28	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302517 Sample Description: MW-3B-202303 License/Well #: 00467/134 Sampled: 3/21/2023 15:27

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			3/24/2023 15:28	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			3/24/2023 15:28	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			3/24/2023 15:28	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			3/24/2023 15:28	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			3/24/2023 15:28	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			3/24/2023 15:28	RLD	EPA 8260C
Vinyl chloride	0.054	ug/L	0.019 *	0.10	1			3/24/2023 15:28	RLD	EPA 8260C
1,2 Dichloroethane-d4	82.0	% Recovery	70.0	130	1			3/24/2023 15:28	RLD	EPA 8260C
Bromofluorobenzene	97.0	% Recovery	70.0	130	1			3/24/2023 15:28	RLD	EPA 8260C
d8-Toluene	102	% Recovery	70.0	130	1			3/24/2023 15:28	RLD	EPA 8260C
Dibromofluoromethane	96.0	% Recovery	70.0	130	1			3/24/2023 15:28	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302518 Sample Description: P-103D-202303 License/Well #: 00467/141 Sampled: 3/21/2023 12:53

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	65	mg/L	4.0	13	5			4/3/2023 12:47	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			3/30/2023 13:04	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	84.1	ug/L	1.2	5.0	1			3/23/2023 23:18	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			3/24/2023 15:57	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			3/24/2023 15:57	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			3/24/2023 15:57	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			3/24/2023 15:57	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			3/24/2023 15:57	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			3/24/2023 15:57	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302518 Sample Description: P-103D-202303 License/Well #: 00467/141 Sampled: 3/21/2023 12:53

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			3/24/2023 15:57	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			3/24/2023 15:57	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			3/24/2023 15:57	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			3/24/2023 15:57	RLD	EPA 8260C
Acetone	<0.84	ug/L	0.84	4.0	1			3/24/2023 15:57	RLD	EPA 8260C
Benzene	0.028	ug/L	0.022 *	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			3/24/2023 15:57	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1	Y		3/24/2023 15:57	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			3/24/2023 15:57	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			3/24/2023 15:57	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			3/24/2023 15:57	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			3/24/2023 15:57	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.24	ug/L	0.023	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			3/24/2023 15:57	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			3/24/2023 15:57	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			3/24/2023 15:57	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302518 Sample Description: P-103D-202303 License/Well #: 00467/141 Sampled: 3/21/2023 12:53

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			3/24/2023 15:57	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			3/24/2023 15:57	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			3/24/2023 15:57	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			3/24/2023 15:57	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
Trichloroethene	0.077	ug/L	0.022 *	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			3/24/2023 15:57	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			3/24/2023 15:57	RLD	EPA 8260C
Vinyl chloride	0.23	ug/L	0.019	0.10	1			3/24/2023 15:57	RLD	EPA 8260C
1,2 Dichloroethane-d4	98.0	% Recovery	70.0	130	1			3/24/2023 15:57	RLD	EPA 8260C
Bromofluorobenzene	96.0	% Recovery	70.0	130	1			3/24/2023 15:57	RLD	EPA 8260C
d8-Toluene	99.0	% Recovery	70.0	130	1			3/24/2023 15:57	RLD	EPA 8260C
Dibromofluoromethane	100	% Recovery	70.0	130	1			3/24/2023 15:57	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302519 Sample Description: P-107D-202303 License/Well #: 00467/119 Sampled: 3/21/2023 10:39

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	27	mg/L	0.80	2.5	1			4/3/2023 13:04	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			3/30/2023 13:05	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	201	ug/L	1.2	5.0	1			3/23/2023 23:25	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			3/24/2023 16:25	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			3/24/2023 16:25	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			3/24/2023 16:25	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			3/24/2023 16:25	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			3/24/2023 16:25	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			3/24/2023 16:25	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302519 Sample Description: P-107D-202303 License/Well #: 00467/119 Sampled: 3/21/2023 10:39

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			3/24/2023 16:25	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			3/24/2023 16:25	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			3/24/2023 16:25	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			3/24/2023 16:25	RLD	EPA 8260C
Acetone	<0.84	ug/L	0.84	4.0	1			3/24/2023 16:25	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			3/24/2023 16:25	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1	Y		3/24/2023 16:25	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			3/24/2023 16:25	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			3/24/2023 16:25	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
Chloroethane	1.2	ug/L	0.40 *	1.5	1			3/24/2023 16:25	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			3/24/2023 16:25	RLD	EPA 8260C
cis-1,2-Dichloroethene	1.5	ug/L	0.023	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			3/24/2023 16:25	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			3/24/2023 16:25	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			3/24/2023 16:25	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302519 Sample Description: P-107D-202303 License/Well #: 00467/119 Sampled: 3/21/2023 10:39

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			3/24/2023 16:25	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			3/24/2023 16:25	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			3/24/2023 16:25	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			3/24/2023 16:25	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
Trichloroethene	0.11	ug/L	0.022	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			3/24/2023 16:25	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			3/24/2023 16:25	RLD	EPA 8260C
Vinyl chloride	4.5	ug/L	0.019	0.10	1			3/24/2023 16:25	RLD	EPA 8260C
1,2 Dichloroethane-d4	95.0	% Recovery	70.0	130	1			3/24/2023 16:25	RLD	EPA 8260C
Bromofluorobenzene	96.0	% Recovery	70.0	130	1			3/24/2023 16:25	RLD	EPA 8260C
d8-Toluene	100	% Recovery	70.0	130	1			3/24/2023 16:25	RLD	EPA 8260C
Dibromofluoromethane	100	% Recovery	70.0	130	1			3/24/2023 16:25	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302520 Sample Description: P-111D-202303 License/Well #: 00467/130 Sampled: 3/21/2023 11:41

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	56	mg/L	4.0	13	5			4/3/2023 13:21	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			3/30/2023 13:06	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	31.8	ug/L	1.2	5.0	1			3/23/2023 23:53	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			3/24/2023 16:55	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			3/24/2023 16:55	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			3/24/2023 16:55	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			3/24/2023 16:55	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			3/24/2023 16:55	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			3/24/2023 16:55	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302520 Sample Description: P-111D-202303 License/Well #: 00467/130 Sampled: 3/21/2023 11:41

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			3/24/2023 16:55	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			3/24/2023 16:55	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			3/24/2023 16:55	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			3/24/2023 16:55	RLD	EPA 8260C
Acetone	<0.84	ug/L	0.84	4.0	1			3/24/2023 16:55	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			3/24/2023 16:55	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1	Y		3/24/2023 16:55	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			3/24/2023 16:55	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			3/24/2023 16:55	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
Chloroethane	0.68	ug/L	0.40 *	1.5	1			3/24/2023 16:55	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			3/24/2023 16:55	RLD	EPA 8260C
cis-1,2-Dichloroethene	3.4	ug/L	0.023	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			3/24/2023 16:55	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			3/24/2023 16:55	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			3/24/2023 16:55	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302520 Sample Description: P-111D-202303 License/Well #: 00467/130 Sampled: 3/21/2023 11:41

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			3/24/2023 16:55	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			3/24/2023 16:55	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			3/24/2023 16:55	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			3/24/2023 16:55	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			3/24/2023 16:55	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			3/24/2023 16:55	RLD	EPA 8260C
Vinyl chloride	3.6	ug/L	0.019	0.10	1			3/24/2023 16:55	RLD	EPA 8260C
1,2 Dichloroethane-d4	94.0	% Recovery	70.0	130	1			3/24/2023 16:55	RLD	EPA 8260C
Bromofluorobenzene	97.0	% Recovery	70.0	130	1			3/24/2023 16:55	RLD	EPA 8260C
d8-Toluene	104	% Recovery	70.0	130	1			3/24/2023 16:55	RLD	EPA 8260C
Dibromofluoromethane	101	% Recovery	70.0	130	1			3/24/2023 16:55	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302521 Sample Description: P-113A-202303 License/Well #: 00467/136 Sampled: 3/22/2023 10:16

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	12	mg/L	0.80	2.5	1			4/3/2023 13:38	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			3/30/2023 13:08	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	11.9	ug/L	1.2	5.0	1			3/24/2023 00:01	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			3/24/2023 17:24	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			3/24/2023 17:24	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			3/24/2023 17:24	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			3/24/2023 17:24	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			3/24/2023 17:24	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			3/24/2023 17:24	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302521 Sample Description: P-113A-202303 License/Well #: 00467/136 Sampled: 3/22/2023 10:16

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			3/24/2023 17:24	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			3/24/2023 17:24	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			3/24/2023 17:24	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			3/24/2023 17:24	RLD	EPA 8260C
Acetone	<0.84	ug/L	0.84	4.0	1			3/24/2023 17:24	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			3/24/2023 17:24	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1	Y		3/24/2023 17:24	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			3/24/2023 17:24	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			3/24/2023 17:24	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			3/24/2023 17:24	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			3/24/2023 17:24	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.023	ug/L	0.023	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			3/24/2023 17:24	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			3/24/2023 17:24	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			3/24/2023 17:24	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302521 Sample Description: P-113A-202303 License/Well #: 00467/136 Sampled: 3/22/2023 10:16

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			3/24/2023 17:24	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			3/24/2023 17:24	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			3/24/2023 17:24	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			3/24/2023 17:24	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			3/24/2023 17:24	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			3/24/2023 17:24	RLD	EPA 8260C
Vinyl chloride	<0.019	ug/L	0.019	0.10	1			3/24/2023 17:24	RLD	EPA 8260C
1,2 Dichloroethane-d4	99.0	% Recovery	70.0	130	1			3/24/2023 17:24	RLD	EPA 8260C
Bromofluorobenzene	97.0	% Recovery	70.0	130	1			3/24/2023 17:24	RLD	EPA 8260C
d8-Toluene	101	% Recovery	70.0	130	1			3/24/2023 17:24	RLD	EPA 8260C
Dibromofluoromethane	104	% Recovery	70.0	130	1			3/24/2023 17:24	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302522 Sample Description: P-113B-202303 License/Well #: 00467/138 Sampled: 3/22/2023 09:39

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	71	mg/L	4.0	13	5			4/3/2023 13:54	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			3/30/2023 13:11	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	37.3	ug/L	1.2	5.0	1			3/24/2023 00:09	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			3/24/2023 17:53	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			3/24/2023 17:53	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			3/24/2023 17:53	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			3/24/2023 17:53	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			3/24/2023 17:53	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			3/24/2023 17:53	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302522 Sample Description: P-113B-202303 License/Well #: 00467/138 Sampled: 3/22/2023 09:39

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			3/24/2023 17:53	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			3/24/2023 17:53	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			3/24/2023 17:53	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			3/24/2023 17:53	RLD	EPA 8260C
Acetone	<0.84	ug/L	0.84	4.0	1			3/24/2023 17:53	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			3/24/2023 17:53	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1	Y		3/24/2023 17:53	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			3/24/2023 17:53	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			3/24/2023 17:53	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			3/24/2023 17:53	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			3/24/2023 17:53	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.023	ug/L	0.023	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			3/24/2023 17:53	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			3/24/2023 17:53	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			3/24/2023 17:53	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302522 Sample Description: P-113B-202303 License/Well #: 00467/138 Sampled: 3/22/2023 09:39

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			3/24/2023 17:53	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			3/24/2023 17:53	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			3/24/2023 17:53	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			3/24/2023 17:53	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			3/24/2023 17:53	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			3/24/2023 17:53	RLD	EPA 8260C
Vinyl chloride	<0.019	ug/L	0.019	0.10	1			3/24/2023 17:53	RLD	EPA 8260C
1,2 Dichloroethane-d4	102	% Recovery	70.0	130	1			3/24/2023 17:53	RLD	EPA 8260C
Bromofluorobenzene	97.0	% Recovery	70.0	130	1			3/24/2023 17:53	RLD	EPA 8260C
d8-Toluene	101	% Recovery	70.0	130	1			3/24/2023 17:53	RLD	EPA 8260C
Dibromofluoromethane	98.0	% Recovery	70.0	130	1			3/24/2023 17:53	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302523 Sample Description: P-114-202303 License/Well #: 00467/140 Sampled: 3/22/2023 12:15

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	54	mg/L	4.0	13	5			4/3/2023 14:11	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			3/30/2023 13:12	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	66.9	ug/L	1.2	5.0	1			3/24/2023 00:16	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			3/24/2023 18:22	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			3/24/2023 18:22	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			3/24/2023 18:22	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			3/24/2023 18:22	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			3/24/2023 18:22	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			3/24/2023 18:22	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302523 Sample Description: P-114-202303 License/Well #: 00467/140 Sampled: 3/22/2023 12:15

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			3/24/2023 18:22	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			3/24/2023 18:22	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			3/24/2023 18:22	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			3/24/2023 18:22	RLD	EPA 8260C
Acetone	<0.84	ug/L	0.84	4.0	1			3/24/2023 18:22	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			3/24/2023 18:22	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1	Y		3/24/2023 18:22	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			3/24/2023 18:22	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			3/24/2023 18:22	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			3/24/2023 18:22	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			3/24/2023 18:22	RLD	EPA 8260C
cis-1,2-Dichloroethene	1.8	ug/L	0.023	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			3/24/2023 18:22	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			3/24/2023 18:22	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			3/24/2023 18:22	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302523 Sample Description: P-114-202303 License/Well #: 00467/140 Sampled: 3/22/2023 12:15

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			3/24/2023 18:22	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			3/24/2023 18:22	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			3/24/2023 18:22	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			3/24/2023 18:22	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			3/24/2023 18:22	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			3/24/2023 18:22	RLD	EPA 8260C
Vinyl chloride	7.3	ug/L	0.019	0.10	1			3/24/2023 18:22	RLD	EPA 8260C
1,2 Dichloroethane-d4	98.0	% Recovery	70.0	130	1			3/24/2023 18:22	RLD	EPA 8260C
Bromofluorobenzene	101	% Recovery	70.0	130	1			3/24/2023 18:22	RLD	EPA 8260C
d8-Toluene	101	% Recovery	70.0	130	1			3/24/2023 18:22	RLD	EPA 8260C
Dibromofluoromethane	99.0	% Recovery	70.0	130	1			3/24/2023 18:22	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302524 Sample Description: P-115-202303 License/Well #: 00467/142 Sampled: 3/22/2023 13:16

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	33	mg/L	0.80	2.5	1			4/3/2023 14:28	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			3/30/2023 13:14	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	114	ug/L	1.2	5.0	1			3/24/2023 00:24	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			3/24/2023 18:50	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			3/24/2023 18:50	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			3/24/2023 18:50	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			3/24/2023 18:50	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			3/24/2023 18:50	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			3/24/2023 18:50	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302524 Sample Description: P-115-202303 License/Well #: 00467/142 Sampled: 3/22/2023 13:16

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			3/24/2023 18:50	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			3/24/2023 18:50	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			3/24/2023 18:50	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			3/24/2023 18:50	RLD	EPA 8260C
Acetone	<0.84	ug/L	0.84	4.0	1			3/24/2023 18:50	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			3/24/2023 18:50	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1	Y		3/24/2023 18:50	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			3/24/2023 18:50	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			3/24/2023 18:50	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			3/24/2023 18:50	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			3/24/2023 18:50	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.19	ug/L	0.023	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			3/24/2023 18:50	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			3/24/2023 18:50	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			3/24/2023 18:50	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302524 Sample Description: P-115-202303 License/Well #: 00467/142 Sampled: 3/22/2023 13:16

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			3/24/2023 18:50	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			3/24/2023 18:50	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			3/24/2023 18:50	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			3/24/2023 18:50	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			3/24/2023 18:50	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			3/24/2023 18:50	RLD	EPA 8260C
Vinyl chloride	0.43	ug/L	0.019	0.10	1			3/24/2023 18:50	RLD	EPA 8260C
1,2 Dichloroethane-d4	96.0	% Recovery	70.0	130	1			3/24/2023 18:50	RLD	EPA 8260C
Bromofluorobenzene	97.0	% Recovery	70.0	130	1			3/24/2023 18:50	RLD	EPA 8260C
d8-Toluene	102	% Recovery	70.0	130	1			3/24/2023 18:50	RLD	EPA 8260C
Dibromofluoromethane	101	% Recovery	70.0	130	1			3/24/2023 18:50	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302525 Sample Description: P-116-202303 License/Well #: 00467/143 Sampled: 3/22/2023 11:14

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	12	mg/L	0.80	2.5	1			4/3/2023 15:19	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			3/30/2023 13:15	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	82.8	ug/L	1.2	5.0	1			3/24/2023 00:31	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			3/24/2023 19:19	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			3/24/2023 19:19	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			3/24/2023 19:19	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			3/24/2023 19:19	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			3/24/2023 19:19	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			3/24/2023 19:19	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302525 Sample Description: P-116-202303 License/Well #: 00467/143 Sampled: 3/22/2023 11:14

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			3/24/2023 19:19	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			3/24/2023 19:19	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			3/24/2023 19:19	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			3/24/2023 19:19	RLD	EPA 8260C
Acetone	<0.84	ug/L	0.84	4.0	1			3/24/2023 19:19	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			3/24/2023 19:19	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1	Y		3/24/2023 19:19	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			3/24/2023 19:19	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			3/24/2023 19:19	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			3/24/2023 19:19	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			3/24/2023 19:19	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.023	ug/L	0.023	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			3/24/2023 19:19	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			3/24/2023 19:19	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			3/24/2023 19:19	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302525 Sample Description: P-116-202303 License/Well #: 00467/143 Sampled: 3/22/2023 11:14

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			3/24/2023 19:19	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			3/24/2023 19:19	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			3/24/2023 19:19	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			3/24/2023 19:19	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			3/24/2023 19:19	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			3/24/2023 19:19	RLD	EPA 8260C
Vinyl chloride	<0.019	ug/L	0.019	0.10	1			3/24/2023 19:19	RLD	EPA 8260C
1,2 Dichloroethane-d4	96.0	% Recovery	70.0	130	1			3/24/2023 19:19	RLD	EPA 8260C
Bromofluorobenzene	98.0	% Recovery	70.0	130	1			3/24/2023 19:19	RLD	EPA 8260C
d8-Toluene	102	% Recovery	70.0	130	1			3/24/2023 19:19	RLD	EPA 8260C
Dibromofluoromethane	102	% Recovery	70.0	130	1			3/24/2023 19:19	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302526 Sample Description: P-117-202303 License/Well #: 00467/144 Sampled: 3/21/2023 14:43

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	55	mg/L	4.0	13	5			4/3/2023 15:36	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			3/30/2023 13:16	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	210	ug/L	1.2	5.0	1			3/24/2023 00:39	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			3/24/2023 19:49	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			3/24/2023 19:49	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			3/24/2023 19:49	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			3/24/2023 19:49	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			3/24/2023 19:49	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			3/24/2023 19:49	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302526 Sample Description: P-117-202303 License/Well #: 00467/144 Sampled: 3/21/2023 14:43

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			3/24/2023 19:49	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			3/24/2023 19:49	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			3/24/2023 19:49	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			3/24/2023 19:49	RLD	EPA 8260C
Acetone	<0.84	ug/L	0.84	4.0	1			3/24/2023 19:49	RLD	EPA 8260C
Benzene	0.025	ug/L	0.022 *	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			3/24/2023 19:49	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1	Y		3/24/2023 19:49	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			3/24/2023 19:49	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			3/24/2023 19:49	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			3/24/2023 19:49	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			3/24/2023 19:49	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.72	ug/L	0.023	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			3/24/2023 19:49	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			3/24/2023 19:49	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			3/24/2023 19:49	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302526 Sample Description: P-117-202303 License/Well #: 00467/144 Sampled: 3/21/2023 14:43

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			3/24/2023 19:49	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			3/24/2023 19:49	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			3/24/2023 19:49	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			3/24/2023 19:49	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			3/24/2023 19:49	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			3/24/2023 19:49	RLD	EPA 8260C
Vinyl chloride	1.1	ug/L	0.019	0.10	1			3/24/2023 19:49	RLD	EPA 8260C
1,2 Dichloroethane-d4	94.0	% Recovery	70.0	130	1			3/24/2023 19:49	RLD	EPA 8260C
Bromofluorobenzene	96.0	% Recovery	70.0	130	1			3/24/2023 19:49	RLD	EPA 8260C
d8-Toluene	100	% Recovery	70.0	130	1			3/24/2023 19:49	RLD	EPA 8260C
Dibromofluoromethane	97.0	% Recovery	70.0	130	1			3/24/2023 19:49	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302527 Sample Description: P-118-202303 License/Well #: 00467/145 Sampled: 3/21/2023 13:53

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	29	mg/L	0.80	2.5	1			4/3/2023 15:53	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			3/30/2023 13:17	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	56.2	ug/L	1.2	5.0	1			3/24/2023 00:46	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			3/24/2023 20:18	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			3/24/2023 20:18	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			3/24/2023 20:18	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			3/24/2023 20:18	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			3/24/2023 20:18	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			3/24/2023 20:18	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302527 Sample Description: P-118-202303 License/Well #: 00467/145 Sampled: 3/21/2023 13:53

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			3/24/2023 20:18	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			3/24/2023 20:18	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			3/24/2023 20:18	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			3/24/2023 20:18	RLD	EPA 8260C
Acetone	<0.84	ug/L	0.84	4.0	1			3/24/2023 20:18	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			3/24/2023 20:18	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1	Y		3/24/2023 20:18	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			3/24/2023 20:18	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			3/24/2023 20:18	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			3/24/2023 20:18	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			3/24/2023 20:18	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.023	ug/L	0.023	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			3/24/2023 20:18	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			3/24/2023 20:18	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			3/24/2023 20:18	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302527 Sample Description: P-118-202303 License/Well #: 00467/145 Sampled: 3/21/2023 13:53

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			3/24/2023 20:18	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			3/24/2023 20:18	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			3/24/2023 20:18	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			3/24/2023 20:18	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			3/24/2023 20:18	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			3/24/2023 20:18	RLD	EPA 8260C
Vinyl chloride	0.13	ug/L	0.019	0.10	1			3/24/2023 20:18	RLD	EPA 8260C
1,2 Dichloroethane-d4	92.0	% Recovery	70.0	130	1			3/24/2023 20:18	RLD	EPA 8260C
Bromofluorobenzene	99.0	% Recovery	70.0	130	1			3/24/2023 20:18	RLD	EPA 8260C
d8-Toluene	100	% Recovery	70.0	130	1			3/24/2023 20:18	RLD	EPA 8260C
Dibromofluoromethane	99.0	% Recovery	70.0	130	1			3/24/2023 20:18	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302528 Sample Description: DUP-01-202303 License #:00467 Sampled: 3/21/2023 16:15

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	66	mg/L	4.0	13	5			4/4/2023 08:21	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			3/30/2023 13:18	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	83.1	ug/L	1.2	5.0	1			3/24/2023 00:54	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			3/24/2023 20:46	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			3/24/2023 20:46	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			3/24/2023 20:46	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			3/24/2023 20:46	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			3/24/2023 20:46	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			3/24/2023 20:46	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302528 Sample Description: DUP-01-202303 License #:00467 Sampled: 3/21/2023 16:15

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			3/24/2023 20:46	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			3/24/2023 20:46	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			3/24/2023 20:46	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			3/24/2023 20:46	RLD	EPA 8260C
Acetone	<0.84	ug/L	0.84	4.0	1			3/24/2023 20:46	RLD	EPA 8260C
Benzene	0.023	ug/L	0.022 *	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			3/24/2023 20:46	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1	Y		3/24/2023 20:46	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			3/24/2023 20:46	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			3/24/2023 20:46	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			3/24/2023 20:46	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			3/24/2023 20:46	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.22	ug/L	0.023	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			3/24/2023 20:46	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			3/24/2023 20:46	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			3/24/2023 20:46	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302528 Sample Description: DUP-01-202303 License #:00467 Sampled: 3/21/2023 16:15

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			3/24/2023 20:46	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			3/24/2023 20:46	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			3/24/2023 20:46	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			3/24/2023 20:46	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
Trichloroethene	0.069	ug/L	0.022 *	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			3/24/2023 20:46	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			3/24/2023 20:46	RLD	EPA 8260C
Vinyl chloride	0.22	ug/L	0.019	0.10	1			3/24/2023 20:46	RLD	EPA 8260C
1,2 Dichloroethane-d4	95.0	% Recovery	70.0	130	1			3/24/2023 20:46	RLD	EPA 8260C
Bromofluorobenzene	96.0	% Recovery	70.0	130	1			3/24/2023 20:46	RLD	EPA 8260C
d8-Toluene	101	% Recovery	70.0	130	1			3/24/2023 20:46	RLD	EPA 8260C
Dibromofluoromethane	100	% Recovery	70.0	130	1			3/24/2023 20:46	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302529 Sample Description: TRIP BLANK License/Well #: 00467/999 Sampled: 3/21/2023

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			3/24/2023 13:32	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			3/24/2023 13:32	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			3/24/2023 13:32	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			3/24/2023 13:32	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			3/24/2023 13:32	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			3/24/2023 13:32	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			3/24/2023 13:32	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			3/24/2023 13:32	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			3/24/2023 13:32	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302529 Sample Description: TRIP BLANK License/Well #: 00467/999 Sampled: 3/21/2023

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Acetone	<0.84	ug/L	0.84	4.0	1			3/24/2023 13:32	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			3/24/2023 13:32	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1	Y		3/24/2023 13:32	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			3/24/2023 13:32	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			3/24/2023 13:32	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			3/24/2023 13:32	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			3/24/2023 13:32	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.023	ug/L	0.023	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			3/24/2023 13:32	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			3/24/2023 13:32	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			3/24/2023 13:32	RLD	EPA 8260C
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			3/24/2023 13:32	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
Methylene chloride	0.66	ug/L	0.090	0.40	1			3/24/2023 13:32	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 13:32	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1302529 Sample Description: TRIP BLANK License/Well #: 00467/999 Sampled: 3/21/2023

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Naphthalene	<0.025	ug/L	0.025	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			3/24/2023 13:32	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			3/24/2023 13:32	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			3/24/2023 13:32	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			3/24/2023 13:32	RLD	EPA 8260C
Vinyl chloride	<0.019	ug/L	0.019	0.10	1			3/24/2023 13:32	RLD	EPA 8260C
1,2 Dichloroethane-d4	91.0	% Recovery	70.0	130	1			3/24/2023 13:32	RLD	EPA 8260C
Bromofluorobenzene	98.0	% Recovery	70.0	130	1			3/24/2023 13:32	RLD	EPA 8260C
d8-Toluene	101	% Recovery	70.0	130	1			3/24/2023 13:32	RLD	EPA 8260C
Dibromofluoromethane	99.0	% Recovery	70.0	130	1			3/24/2023 13:32	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

Notes: * Indicates Value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution, percent solids, and any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted . The results reported relate only to the samples tested.
This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached. This report has been specifically prepared to satisfy project or program requirements.

Submitted by: Brett M. Szymanski
Project Manager
608-356-2760

QC Qualifiers

Code	Description
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	Incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Wisconsin (WDNR) Chemistry ID# 157066030
Wisconsin (DATCP) Bacteriology ID# 289
Louisiana NELAP (primary) ID# 115843
Illinois NELAP Lab ID# 200073
Kansas NELAP Lab ID# E-10368
Virginia NELAP Lab ID# 460203
ISO/IEC 17025-2005 A2LA Cert # 3806.01
DoD-ELAP A2LA 3806.01

Well Description:	***MW-3A-202303***	**Well #:**	***133***	**Sample Date**	**03/21/2023**	
Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Dissolved Manganese	01056	448	60	300	1.2	ug/L

Well Description:	***MW-3B-202303***	**Well #:**	***134***	**Sample Date**	**03/21/2023**	
Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Dissolved Manganese	01056	92.8	60	300	1.2	ug/L
Vinyl chloride	39175	0.054	0.02	0.20	0.019	ug/L

Well Description:	***P-103D-202303***	**Well #:**	***141***	**Sample Date**	**03/21/2023**	
Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Dissolved Manganese	01056	84.1	60	300	1.2	ug/L
Vinyl chloride	39175	0.23	0.02	0.20	0.019	ug/L

Well Description:	***P-107D-202303***	**Well #:**	***119***	**Sample Date**	**03/21/2023**	
Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Dissolved Manganese	01056	201	60	300	1.2	ug/L
Vinyl chloride	39175	4.5	0.02	0.20	0.019	ug/L

Well Description:	***P-111D-202303***	**Well #:**	***130***	**Sample Date**	**03/21/2023**	
Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Vinyl chloride	39175	3.6	0.02	0.20	0.019	ug/L

Well Description:	***P-114-202303***	**Well #:**	***140***	**Sample Date**	**03/22/2023**	
Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Dissolved Manganese	01056	66.9	60	300	1.2	ug/L
Vinyl chloride	39175	7.3	0.02	0.20	0.019	ug/L

Well Description:	***P-115-202303***	**Well #:**	***142***	**Sample Date**	**03/22/2023**	
Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Dissolved Manganese	01056	114	60	300	1.2	ug/L
Vinyl chloride	39175	0.43	0.02	0.20	0.019	ug/L

Well Description:	***P-116-202303***	**Well #:**	***143***	**Sample Date**	**03/22/2023**	
Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Dissolved Manganese	01056	82.8	60	300	1.2	ug/L

Well Description:	***P-117-202303***	**Well #:**	***144***	**Sample Date**	**03/21/2023**	
Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units

Preventative Action Limit (PAL) Exceedances

Location/Landfill: **RIPON FF/NN LANDFILL** **License #:** **00467**

Well Description:	***P-117-202303***	**Well #:**	***144***	**Sample Date**	**03/21/2023**	
Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Dissolved Manganese	01056	210	60	300	1.2	ug/L
Vinyl chloride	39175	1.1	0.02	0.20	0.019	ug/L

Well Description:	***P-118-202303***	**Well #:**	***145***	**Sample Date**	**03/21/2023**	
Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Vinyl chloride	39175	0.13	0.02	0.20	0.019	ug/L

Summary of Detected Organic Compounds

04/06/2023

Location/Landfill: **RIPON SUPERFUND LF** **License #:** **00467** Page 1 of 20

Well Description: ***DUP-01-202303*** **Well #:**

Parameter	Sample Date								
	3/21/2023	12/15/2022	9/28/2022	9/27/2022	6/21/2022	3/23/2022	11/17/2021	9/9/2021	6/17/2021
Benzene	0.023	0.039		0.023					
Chloroethane					0.79			0.55	
cis-1,2-Dichloroethene	0.22	0.28	0.21	0.61	3.4	0.18	2.0	1.9	1.8
Dichlorodifluoromethane								0.20	
Trichloroethene	0.069	0.068		0.071					
Vinyl chloride	0.22	0.21	0.29	0.78	3.6	0.34	8.4	10	7.7

Well Description: ***MW-103-202209*** **Well #:** ***112***

Parameter	Sample Date			
	9/27/2022	6/21/2022	9/8/2021	6/18/2021
cis-1,2-Dichloroethene	0.075	0.074	0.11	0.13
Tetrachloroethene	0.21	0.22	0.22	0.24
Trichloroethene	0.68	0.78	0.85	1.1

Well Description: ***MW-104-202206*** **Well #:** ***113***

Parameter	Sample Date	
	6/21/2022	6/18/2021
1,4-Dichlorobenzene	1.4	1.7
Acetone	1.6	1.00
Benzene	0.069	0.053
Carbon disulfide	0.29	
Chlorobenzene	3.6	3.9
cis-1,2-Dichloroethene	0.069	0.056
Diisopropyl ether		0.038
Isopropylbenzene	0.095	0.16
Methyl tert-butyl ether	0.052	0.066
sec-Butylbenzene	0.059	0.078
Toluene	0.025	
Vinyl chloride	0.045	

Well Description: ***P-103*** **Well #:** ***114***

Parameter	Sample Date
	9/8/2021
cis-1,2-Dichloroethene	0.038

Well Description: ***P-106-202206*** **Well #:** ***116***

Parameter	Sample Date	
	6/21/2022	6/18/2021
Trichloroethene	0.13	0.14

Well Description: ***P-107-202206*** **Well #:** ***118***

Parameter	Sample Date	
	6/21/2022	6/18/2021
Benzene	0.023	
cis-1,2-Dichloroethene	0.27	0.27
Trichloroethene	0.10	0.084
Vinyl chloride	0.68	0.74

Well Description: ***P-107D-202212*** **Well #:** ***119***

Parameter	Sample Date							
	3/21/2023	12/14/2022	9/27/2022	6/21/2022	3/22/2022	11/16/2021	9/8/2021	6/17/2021
1,1-Dichloroethane		0.028	0.024			0.020		
1,2,4-Trimethylbenzene		0.020				0.018	0.018	0.014
Chloroethane	1.2	1.4	1.1	1.3	1.2	1.4	0.69	1.3
cis-1,2-Dichloroethene	1.5	1.9	1.9	1.7	1.7	1.8	0.62	1.5
Dichlorodifluoromethane		0.18	0.23					
Tetrahydrofuran			2.0					
Trichloroethene	0.11	0.13	0.15	0.096	0.11	0.10	0.047	0.059
Vinyl chloride	4.5	4.7	4.6	5.1	4.0	5.0	2.1	5.4

Well Description: ***MW-112-202206*** **Well #:** ***121***

Parameter	Sample Date			
	9/27/2022	6/21/2022	9/8/2021	6/18/2021
Chlorobenzene		0.12	0.072	0.083
cis-1,2-Dichloroethene	0.042	0.051	0.057	0.059
Tetrachloroethene		0.052	0.10	0.084
Trichloroethene	0.085	0.18	0.27	0.30

Well Description: ***P-111D-202303*** **Well #:** ***130***

Parameter	Sample Date							
	3/21/2023	12/14/2022	9/27/2022	6/21/2022	3/23/2022	11/16/2021	9/8/2021	6/17/2021
Chloroethane	0.68	0.61	0.51	0.78	0.62	0.84	0.86	0.76
cis-1,2-Dichloroethene	3.4	3.0	3.1	3.4	3.3	3.4	3.3	3.3
Dichlorodifluoromethane		0.16						
trans-1,2-Dichloroethene		0.054			0.055	0.038	0.043	
Vinyl chloride	3.6	3.1	2.7	3.5	3.0	3.6	4.2	3.2

Well Description: ***MW-3B-202212*** **Well #:** ***134***

Parameter	Sample Date						
	3/21/2023	12/14/2022	9/27/2022	6/21/2022	3/22/2022	11/16/2021	9/8/2021
cis-1,2-Dichloroethene		0.043	0.040			0.037	
Vinyl chloride	0.054	0.060	0.055	0.052	0.046	0.066	0.061

Well Description: ***P-113A*** **Well #:** ***136***

Parameter	Sample Date
	9/9/2021
Chloromethane	0.079

Well Description: ***P-114-202303*** **Well #:** ***140***

Parameter	Sample Date							
	3/22/2023	12/15/2022	9/28/2022	6/22/2022	3/23/2022	11/17/2021	9/9/2021	6/17/2021
cis-1,2-Dichloroethene	1.8	1.6	1.7	1.9	1.8	1.9	1.8	1.9
Dichlorodifluoromethane		0.16					0.18	
Vinyl chloride	7.3	7.0	5.5	8.6	6.1	8.2	11	8.0

Well Description: ***P-103D-202303*** **Well #:** ***141***

Parameter	Sample Date							
	3/21/2023	12/15/2022	9/27/2022	6/21/2022	3/22/2022	11/16/2021	9/8/2021	6/18/2021
Benzene	0.028	0.033	0.026	0.026	0.026	0.028	0.025	0.032
cis-1,2-Dichloroethene	0.24	0.25	0.23	0.27	0.27	0.31	0.27	0.31
Trichloroethene	0.077	0.067	0.084	0.073	0.056	0.067	0.063	0.075
Vinyl chloride	0.23	0.19	0.15	0.26	0.20	0.26	0.33	0.24

Well Description: ***P-115-202303*** **Well #:** ***142***

Parameter	Sample Date							
	3/22/2023	12/15/2022	9/28/2022	6/22/2022	3/23/2022	11/17/2021	9/9/2021	6/17/2021
cis-1,2-Dichloroethene	0.19	0.20	0.18	0.19	0.18	0.21	0.19	0.21
Vinyl chloride	0.43	0.36	0.29	0.44	0.33	0.48	0.63	0.53

Well Description: ***P-117-202303*** **Well #:** ***144***

Parameter	Sample Date							
	3/21/2023	12/14/2022	9/27/2022	6/21/2022	3/23/2022	11/17/2021	9/8/2021	6/18/2021
Benzene	0.025	0.029	0.024	0.023	0.023			0.022
Chloroethane							0.40	
cis-1,2-Dichloroethene	0.72	0.68	0.66	0.65	0.71	0.72	0.75	0.75
Trichloroethene		0.060	0.066	0.052	0.049	0.057	0.048	
Vinyl chloride	1.1	1.1	0.79	1.2	0.90	1.2	1.5	1.1

Well Description: ***P-118*** **Well #:** ***145***

Parameter	Sample Date							
	3/21/2023	12/14/2022	9/27/2022	6/21/2022	3/23/2022	11/17/2021	9/8/2021	6/18/2021
Carbon disulfide								0.12
Vinyl chloride	0.13	0.12	0.11	0.11	0.091	0.11	0.13	0.087

Well Description: ***LC-1-202206*** **Well #:** ***301***

Parameter	Sample Date	
	6/22/2022	6/18/2021
1,2,4-Trimethylbenzene	10	50
1,3,5-Trimethylbenzene	3.5	18
Chlorobenzene		6.0
Ethylbenzene	5.4	17
m & p-Xylene	34	120
Methylene chloride		19
Naphthalene	6.0	51
n-Butylbenzene	1.7	
o-Xylene	3.9	9.0
Tetrahydrofuran	82	200

Well Description: ***LC-2-202206*** **Well #:** ***302***

Parameter	Sample Date	
	6/22/2022	6/18/2021
1,2,4-Trimethylbenzene	70	73
1,3,5-Trimethylbenzene	12	12
1,4-Dichlorobenzene	14	15
2-Chlorotoluene	2.0	
Benzene	12	12
Chlorobenzene	56	46
Ethylbenzene	10	13
Isopropylbenzene	9.5	9.7
m & p-Xylene	300	330
Methyl tert-butyl ether	1.7	
Methylene chloride		8.8
Naphthalene	13	19
n-Butylbenzene	2.0	
n-Propylbenzene	8.4	9.6
p-Isopropyltoluene	2.2	
tert-Butylbenzene		11
Tetrahydrofuran	210	230

Well Description: ***LC-3-202206*** **Well #:** ***303***

Parameter	Sample Date 6/22/2022	6/18/2021
1,2,4-Trimethylbenzene	3.6	
1,3,5-Trimethylbenzene	1.6	
2-Butanone	46	28
Acetone	120	66
Carbon disulfide	4.3	7.6
cis-1,2-Dichloroethene	56	12
Ethylbenzene	8.6	4.0
m & p-Xylene	83	7.6
Methylene chloride		9.8
Naphthalene		8.7
o-Xylene	28	
Tetrahydrofuran	65	43
Toluene	32	2.4
Vinyl chloride	3.6	

Well Description: ***TRIP BLANK*** **Well #:** ***999***

Parameter	Sample Date							
	3/21/2023	12/14/2022	9/27/2022	6/21/2022	3/22/2022	11/17/2021	9/9/2021	6/18/2021
Acetone				1.3		1.3		2.0
Chloroform							0.024	
Methylene chloride	0.66	0.41	0.24	1.2	0.53	0.30		0.25
Tetrahydrofuran			1.4					

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QC Summary Report

TRC ENVIRONMENTAL **Project Name: RIPON FF/NN LANDFILL**

SDG #: 0 **Folder #: 176238** **Project #: 538168**

Lab Control Spike Water

Analytical Run #:	270396	Analysis Date:	3/30/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1304641	Analysis Time:	12:57	Prep Date/Time:		Method:	
Parent Sample #:		Analyst:	BRB	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Nitrate+Nitrite Nitrogen Total	5.040	mg/L			5.0	101	90 --- 110		
Nitrate+Nitrite Nitrogen,Diss	5.040	mg/L			5.0	101	90 --- 110		

Method Blank Water

Analytical Run #:	270396	Analysis Date:	3/30/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1304642	Analysis Time:	12:58	Prep Date/Time:		Method:	
Parent Sample #:		Analyst:	BRB	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Nitrate+Nitrite Nitrogen	0.050	mg/L		U	0		0.050		

Matrix Spike Duplicate Water

Analytical Run #:	270396	Analysis Date:	3/30/2023	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	1305582	Analysis Time:	13:01	Prep Date/Time:		Method:	
Parent Sample #:	1305581	Analyst:	DC	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Nitrate+Nitrite Nitrogen	1.98	mg/L	BDL		2.0	99	90 --- 110	2	20

Matrix Spike Water

Analytical Run #:	270396	Analysis Date:	3/30/2023	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	1305581	Analysis Time:	13:00	Prep Date/Time:		Method:	
Parent Sample #:	1302514	Analyst:	DC	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Nitrate+Nitrite Nitrogen	2.01	mg/L	BDL		2.0	100	90 --- 110		20

Lab Control Spike Water

Analytical Run #:	270515	Analysis Date:	4/3/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1306910	Analysis Time:	11:23	Prep Date/Time:		Method:	SW9056A
Parent Sample #:		Analyst:	TMG	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Sulfate	24.21	mg/L			25.00	97	80 --- 120		

Method Blank Water

Analytical Run #:	270515	Analysis Date:	4/3/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1306911	Analysis Time:	11:40	Prep Date/Time:		Method:	SW9056A
Parent Sample #:		Analyst:	TMG	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Sulfate	0.8	mg/L		U	0		0.8		

Matrix Spike Duplicate Water

Analytical Run #:	270232	Analysis Date:	3/23/2023	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	1303271	Analysis Time:	23:03	Prep Date/Time:		Method:	SW6010
Parent Sample #:	1303270	Analyst:	NAH	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Manganese	1210	ug/L	448		1000	76	67 --- 121	4	13

Matrix Spike Water

Analytical Run #:	270232	Analysis Date:	3/23/2023	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	1303270	Analysis Time:	22:56	Prep Date/Time:		Method:	SW6010
Parent Sample #:	1302514	Analyst:	NAH	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Manganese	1160	ug/L	448		1000	71	67 --- 121		13

Lab Control Spike Duplicate Water

Analytical Run #:	270229	Analysis Date:	3/24/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1303480	Analysis Time:	21:43	Prep Date/Time:		Method:	SW8260C
Parent Sample #:	1303475	Analyst:	RLD	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits			RPD	RPD Limit
1,1,1,2-Tetrachloroethane	3.82	ug/L	4.01		4.0	96	78	---	121	5	20
1,1,1-Trichloroethane	4.27	ug/L	4.27		4.0	107	82	---	122	0	20
1,1,2,2-Tetrachloroethane	3.75	ug/L	3.77		4.0	94	68	---	128	1	20
1,1,2-Trichloroethane	3.84	ug/L	3.71		4.0	96	84	---	114	3	20
1,1-Dichloroethane	4.06	ug/L	4.00		4.0	102	76	---	122	1	20
1,1-Dichloroethene	4.12	ug/L	4.13		4.0	103	83	---	123	0	20
1,1-Dichloropropene	4.26	ug/L	4.31		4.0	106	85	---	120	1	20
1,2 Dichloroethane-d4	97.0	% Recovery			100	97.0	87	---	107	0	
1,2,3-Trichlorobenzene	3.65	ug/L	3.84		4.0	91	78	---	121	5	20
1,2,3-Trichloropropane	3.77	ug/L	3.97		4.0	94	62	---	129	5	20
1,2,4-Trichlorobenzene	3.74	ug/L	3.84		4.0	94	80	---	120	3	20
1,2,4-Trimethylbenzene	3.86	ug/L	3.77		4.0	96	76	---	125	2	20
1,2-Dibromo-3-chloropropane	3.30	ug/L	3.76		4.0	82	69	---	125	13	20
1,2-Dibromoethane	3.86	ug/L	3.87		4.0	96	80	---	118	0	20
1,2-Dichlorobenzene	3.85	ug/L	3.81		4.0	96	80	---	117	1	20
1,2-Dichloroethane	4.06	ug/L	4.03		4.0	102	78	---	118	1	20
1,2-Dichloropropane	4.04	ug/L	4.00		4.0	101	78	---	121	1	20
1,3,5-Trimethylbenzene	3.90	ug/L	3.85		4.0	98	76	---	126	1	20
1,3-Dichlorobenzene	3.90	ug/L	3.86		4.0	98	78	---	119	1	20
1,3-Dichloropropane	4.00	ug/L	3.89		4.0	100	82	---	117	3	20
1,4-Dichlorobenzene	3.91	ug/L	3.89		4.0	98	77	---	118	1	20
2,2-Dichloropropane	3.57	ug/L	4.21		4.0	89	71	---	133	16	20
2-Butanone	37.1	ug/L	39.2		40.0	93	80	---	120	6	20
2-Chlorotoluene	3.92	ug/L	3.93		4.0	98	73	---	124	0	20
2-Hexanone	38.9	ug/L	41.3		40.0	97	73	---	127	6	20
4-Chlorotoluene	3.85	ug/L	3.82		4.0	96	74	---	125	1	20
4-Methyl-2-pentanone	41.8	ug/L	42.2		40.0	104	77	---	125	1	20
Acetone	43.3	ug/L	43.7		40.0	108	72	---	117	1	20
Benzene	3.94	ug/L	3.96		4.0	98	82	---	118	1	20
Bromobenzene	3.70	ug/L	3.80		4.0	92	77	---	118	3	20
Bromochloromethane	3.87	ug/L	3.93		4.0	97	81	---	116	2	20
Bromodichloromethane	3.97	ug/L	3.90		4.0	99	80	---	122	2	20
Bromofluorobenzene	94.0	% Recovery			100	94.0	90	---	108	0	
Bromoform	3.18	ug/L	4.04		4.0	80	72	---	124	24	20
Bromomethane	3.51	ug/L	3.62		4.0	88	25	---	156	3	20
Carbon disulfide	8.16	ug/L	8.34		8.0	102	81	---	124	2	20
Carbon tetrachloride	4.30	ug/L	4.41		4.0	108	87	---	129	3	20
Chlorobenzene	3.88	ug/L	3.87		4.0	97	78	---	118	0	20
Chloroethane	4.09	ug/L	4.09		4.0	102	73	---	126	0	20
Chloroform	4.05	ug/L	3.98		4.0	101	76	---	119	2	20
Chloromethane	4.52	ug/L	4.26		4.0	113	70	---	121	6	20
cis-1,2-Dichloroethene	3.79	ug/L	3.77		4.0	95	82	---	118	1	20

Lab Control Spike Duplicate Water

Analytical Run #:	270229	Analysis Date:	3/24/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1303480	Analysis Time:	21:43	Prep Date/Time:		Method:	SW8260C
Parent Sample #:	1303475	Analyst:	RLD	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits			RPD	RPD Limit
cis-1,3-Dichloropropene	3.74	ug/L	4.00		4.0	94	81	---	123	7	20
d8-Toluene	100	% Recovery			100	100	93	---	108	0	
Dibromochloromethane	3.51	ug/L	3.85		4.0	88	76	---	124	9	20
Dibromofluoromethane	99.0	% Recovery			100	99.0	93	---	106	0	
Dibromomethane	3.96	ug/L	3.97		4.0	99	83	---	115	0	20
Dichlorodifluoromethane	5.37	ug/L	4.64		4.0	134	78	---	126	15	20
Diisopropyl ether	4.17	ug/L	4.19		4.0	104	75	---	125	0	20
Ethylbenzene	3.99	ug/L	3.99		4.0	100	78	---	125	0	20
Hexachlorobutadiene	3.59	ug/L	3.76		4.0	90	79	---	123	5	20
Isopropylbenzene	4.12	ug/L	4.10		4.0	103	81	---	124	0	20
m & p-Xylene	7.78	ug/L	7.98		8.0	97	80	---	123	3	20
Methyl tert-butyl ether	3.64	ug/L	3.81		4.0	91	82	---	116	5	20
Methylene chloride	3.57	ug/L	3.86		4.0	89	73	---	128	8	20
n-Butylbenzene	4.16	ug/L	4.08		4.0	104	76	---	127	2	20
n-Propylbenzene	4.11	ug/L	4.05		4.0	103	75	---	129	1	20
Naphthalene	3.42	ug/L	3.88		4.0	86	64	---	129	13	20
o-Xylene	3.95	ug/L	3.91		4.0	99	81	---	121	1	20
p-Isopropyltoluene	4.03	ug/L	4.01		4.0	101	79	---	126	0	20
sec-Butylbenzene	4.18	ug/L	4.04		4.0	104	76	---	128	3	20
Styrene	3.88	ug/L	3.88		4.0	97	81	---	122	0	20
tert-Butylbenzene	3.94	ug/L	3.88		4.0	98	76	---	125	2	20
Tetrachloroethene	3.93	ug/L	4.09		4.0	98	82	---	123	4	20
Tetrahydrofuran	42.7	ug/L	41.9		40.0	107	69	---	122	2	20
Toluene	4.02	ug/L	3.96		4.0	100	82	---	119	2	20
trans-1,2-Dichloroethene	3.80	ug/L	3.96		4.0	95	80	---	122	4	20
trans-1,3-Dichloropropene	3.65	ug/L	4.07		4.0	91	83	---	119	11	20
Trichloroethene	4.19	ug/L	4.01		4.0	105	82	---	120	4	20
Trichlorofluoromethane	4.60	ug/L	4.59		4.0	115	78	---	130	0	20
Vinyl acetate	35.0	ug/L	40.7		40.0	88	63	---	136	15	20
Vinyl chloride	4.55	ug/L	4.52		4.0	114	73	---	127	1	20

Lab Control Spike Water

Analytical Run #:	270229	Analysis Date:	3/24/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1303475	Analysis Time:	10:00	Prep Date/Time:		Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits			RPD	RPD Limit
1,1,1,2-Tetrachloroethane	4.01	ug/L			4.0	100	78	---	121		20
1,1,1-Trichloroethane	4.27	ug/L			4.0	107	82	---	122		20
1,1,2,2-Tetrachloroethane	3.77	ug/L			4.0	94	68	---	128		20
1,1,2-Trichloroethane	3.71	ug/L			4.0	93	84	---	114		20
1,1-Dichloroethane	4.00	ug/L			4.0	100	76	---	122		20
1,1-Dichloroethene	4.13	ug/L			4.0	103	83	---	123		20
1,1-Dichloropropene	4.31	ug/L			4.0	108	85	---	120		20
1,2 Dichloroethane-d4	96.0	% Recovery			100	96.0	87	---	107		
1,2,3-Trichlorobenzene	3.84	ug/L			4.0	96	78	---	121		20
1,2,3-Trichloropropane	3.97	ug/L			4.0	99	62	---	129		20
1,2,4-Trichlorobenzene	3.84	ug/L			4.0	96	80	---	120		20
1,2,4-Trimethylbenzene	3.77	ug/L			4.0	94	76	---	125		20
1,2-Dibromo-3-chloropropane	3.76	ug/L			4.0	94	69	---	125		20
1,2-Dibromoethane	3.87	ug/L			4.0	97	80	---	118		20
1,2-Dichlorobenzene	3.81	ug/L			4.0	95	80	---	117		20
1,2-Dichloroethane	4.03	ug/L			4.0	101	78	---	118		20
1,2-Dichloropropane	4.00	ug/L			4.0	100	78	---	121		20
1,3,5-Trimethylbenzene	3.85	ug/L			4.0	96	76	---	126		20
1,3-Dichlorobenzene	3.86	ug/L			4.0	96	78	---	119		20
1,3-Dichloropropane	3.89	ug/L			4.0	97	82	---	117		20
1,4-Dichlorobenzene	3.89	ug/L			4.0	97	77	---	118		20
2,2-Dichloropropane	4.21	ug/L			4.0	105	71	---	133		20
2-Butanone	39.2	ug/L			40.0	98	80	---	120		20
2-Chlorotoluene	3.93	ug/L			4.0	98	73	---	124		20
2-Hexanone	41.3	ug/L			40.0	103	73	---	127		20
4-Chlorotoluene	3.82	ug/L			4.0	96	74	---	125		20
4-Methyl-2-pentanone	42.2	ug/L			40.0	106	77	---	125		20
Acetone	43.7	ug/L			40.0	109	72	---	117		20
Benzene	3.96	ug/L			4.0	99	82	---	118		20
Bromobenzene	3.80	ug/L			4.0	95	77	---	118		20
Bromochloromethane	3.93	ug/L			4.0	98	81	---	116		20
Bromodichloromethane	3.90	ug/L			4.0	98	80	---	122		20
Bromofluorobenzene	95.0	% Recovery			100	95.0	90	---	108		
Bromoform	4.04	ug/L			4.0	101	72	---	124		20
Bromomethane	3.62	ug/L			4.0	90	25	---	156		20
Carbon disulfide	8.34	ug/L			8.0	104	81	---	124		20
Carbon tetrachloride	4.41	ug/L			4.0	110	87	---	129		20
Chlorobenzene	3.87	ug/L			4.0	97	78	---	118		20
Chloroethane	4.09	ug/L			4.0	102	73	---	126		20
Chloroform	3.98	ug/L			4.0	100	76	---	119		20
Chloromethane	4.26	ug/L			4.0	106	70	---	121		20
cis-1,2-Dichloroethene	3.77	ug/L			4.0	94	82	---	118		20

Lab Control Spike Water

Analytical Run #:	270229	Analysis Date:	3/24/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1303475	Analysis Time:	10:00	Prep Date/Time:		Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits			RPD	RPD Limit
cis-1,3-Dichloropropene	4.00	ug/L			4.0	100	81	---	123		20
d8-Toluene	100	% Recovery			100	100	93	---	108		
Dibromochloromethane	3.85	ug/L			4.0	96	76	---	124		20
Dibromofluoromethane	100	% Recovery			100	100	93	---	106		
Dibromomethane	3.97	ug/L			4.0	99	83	---	115		20
Dichlorodifluoromethane	4.64	ug/L			4.0	116	78	---	126		20
Diisopropyl ether	4.19	ug/L			4.0	105	75	---	125		20
Ethylbenzene	3.99	ug/L			4.0	100	78	---	125		20
Hexachlorobutadiene	3.76	ug/L			4.0	94	79	---	123		20
Isopropylbenzene	4.10	ug/L			4.0	102	81	---	124		20
m & p-Xylene	7.98	ug/L			8.0	100	80	---	123		20
Methyl tert-butyl ether	3.81	ug/L			4.0	95	82	---	116		20
Methylene chloride	3.86	ug/L			4.0	96	73	---	128		20
n-Butylbenzene	4.08	ug/L			4.0	102	76	---	127		20
n-Propylbenzene	4.05	ug/L			4.0	101	75	---	129		20
Naphthalene	3.88	ug/L			4.0	97	64	---	129		20
o-Xylene	3.91	ug/L			4.0	98	81	---	121		20
p-Isopropyltoluene	4.01	ug/L			4.0	100	79	---	126		20
sec-Butylbenzene	4.04	ug/L			4.0	101	76	---	128		20
Styrene	3.88	ug/L			4.0	97	81	---	122		20
tert-Butylbenzene	3.88	ug/L			4.0	97	76	---	125		20
Tetrachloroethene	4.09	ug/L			4.0	102	82	---	123		20
Tetrahydrofuran	41.9	ug/L			40.0	105	69	---	122		20
Toluene	3.96	ug/L			4.0	99	82	---	119		20
trans-1,2-Dichloroethene	3.96	ug/L			4.0	99	80	---	122		20
trans-1,3-Dichloropropene	4.07	ug/L			4.0	102	83	---	119		20
Trichloroethene	4.01	ug/L			4.0	100	82	---	120		20
Trichlorofluoromethane	4.59	ug/L			4.0	115	78	---	130		20
Vinyl acetate	40.7	ug/L			40.0	102	63	---	136		20
Vinyl chloride	4.52	ug/L			4.0	113	73	---	127		20

Method Blank Water

Analytical Run #:	270229	Analysis Date:	3/24/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1303479	Analysis Time:	12:06	Prep Date/Time:		Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.013	ug/L		U	0		0.013		
1,1,1-Trichloroethane	0.013	ug/L		U	0		0.013		
1,1,2,2-Tetrachloroethane	0.015	ug/L		U	0		0.015		
1,1,2-Trichloroethane	0.036	ug/L		U	0		0.036		
1,1-Dichloroethane	0.017	ug/L		U	0		0.017		
1,1-Dichloroethene	0.024	ug/L		U	0		0.024		
1,1-Dichloropropene	0.074	ug/L		U	0		0.074		
1,2 Dichloroethane-d4	97.0	% Recovery			100	97.0	68 --- 120		
1,2,3-Trichlorobenzene	0.019	ug/L		U	0		0.019		
1,2,3-Trichloropropane	0.031	ug/L		U	0		0.031		
1,2,4-Trichlorobenzene	0.0222	ug/L		U	0		0.0222		
1,2,4-Trimethylbenzene	0.011	ug/L		U	0		0.011		
1,2-Dibromo-3-chloropropane	0.12	ug/L		U	0		0.12		
1,2-Dibromoethane	0.029	ug/L		U	0		0.029		
1,2-Dichlorobenzene	0.016	ug/L		U	0		0.016		
1,2-Dichloroethane	0.017	ug/L		U	0		0.017		
1,2-Dichloropropane	0.013	ug/L		U	0		0.013		
1,3,5-Trimethylbenzene	0.013	ug/L		U	0		0.013		
1,3-Dichlorobenzene	0.013	ug/L		U	0		0.013		
1,3-Dichloropropane	0.020	ug/L		U	0		0.020		
1,4-Dichlorobenzene	0.017	ug/L		U	0		0.017		
2,2-Dichloropropane	0.075	ug/L		U	0		0.075		
2-Butanone	0.31	ug/L		U	0		0.31		
2-Chlorotoluene	0.020	ug/L		U	0		0.020		
2-Hexanone	0.15	ug/L		U	0		0.15		
4-Chlorotoluene	0.013	ug/L		U	0		0.013		
4-Methyl-2-pentanone	0.19	ug/L		U	0		0.19		
Acetone	0.84	ug/L		U	0		0.84		
Benzene	0.022	ug/L		U	0		0.022		
Bromobenzene	0.018	ug/L		U	0		0.018		
Bromochloromethane	0.034	ug/L		U	0		0.034		
Bromodichloromethane	0.019	ug/L		U	0		0.019		
Bromofluorobenzene	96.0	% Recovery			100	96.0	68 --- 120		
Bromoform	0.041	ug/L		U	0		0.041		
Bromomethane	0.052	ug/L		U	0		0.052		
Carbon disulfide	0.11	ug/L		U	0		0.11		
Carbon tetrachloride	0.018	ug/L		U	0		0.018		
Chlorobenzene	0.013	ug/L		U	0		0.013		
Chloroethane	0.40	ug/L		U	0		0.40		
Chloroform	0.016	ug/L		U	0		0.016		
Chloromethane	0.045	ug/L		U	0		0.045		
cis-1,2-Dichloroethene	0.023	ug/L		U	0		0.023		

Method Blank Water

Analytical Run #:	270229	Analysis Date:	3/24/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1303479	Analysis Time:	12:06	Prep Date/Time:		Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.014	ug/L		U	0		0.014		
d8-Toluene	99.0	% Recovery			100	99.0	71 --- 117		
Dibromochloromethane	0.016	ug/L		U	0		0.016		
Dibromofluoromethane	98.0	% Recovery			100	98.0	67 --- 122		
Dibromomethane	0.018	ug/L		U	0		0.018		
Dichlorodifluoromethane	0.091	ug/L		U	0		0.091		
Diisopropyl ether	0.015	ug/L		U	0		0.015		
Ethylbenzene	0.014	ug/L		U	0		0.014		
Hexachlorobutadiene	0.027	ug/L		U	0		0.027		
Isopropylbenzene	0.020	ug/L		U	0		0.020		
m & p-Xylene	0.030	ug/L		U	0		0.030		
Methyl tert-butyl ether	0.014	ug/L		U	0		0.014		
Methylene chloride	0.090	ug/L		U	0		0.090		
n-Butylbenzene	0.021	ug/L		U	0		0.021		
n-Propylbenzene	0.020	ug/L		U	0		0.020		
Naphthalene	0.025	ug/L		U	0		0.025		
o-Xylene	0.016	ug/L		U	0		0.016		
p-Isopropyltoluene	0.016	ug/L		U	0		0.016		
sec-Butylbenzene	0.021	ug/L		U	0		0.021		
Styrene	0.014	ug/L		U	0		0.014		
tert-Butylbenzene	0.020	ug/L		U	0		0.020		
Tetrachloroethene	0.028	ug/L		U	0		0.028		
Tetrahydrofuran	0.38	ug/L		U	0		0.38		
Toluene	0.020	ug/L		U	0		0.020		
trans-1,2-Dichloroethene	0.020	ug/L		U	0		0.020		
trans-1,3-Dichloropropene	0.020	ug/L		U	0		0.020		
Trichloroethene	0.022	ug/L		U	0		0.022		
Trichlorofluoromethane	0.033	ug/L		U	0		0.033		
Vinyl acetate	0.14	ug/L		U	0		0.14		
Vinyl chloride	0.019	ug/L		U	0		0.019		

CT LABORATORIES
delivering more than data from your environmental analyses

Sample Condition Report

Folder #:	176238	Print Date / Time:	03/23/2023	10:44	
Client:	TRC ENVIRONMENTAL	Received Date / Time / By:	03/23/2023	10:15	erc
Project Name:	RIPON FF/NN LANDFILL	Log-In Date / Time / By:	03/23/2023	10:44	erc
Project Phase:	RIPON, WI	Project #:	538168	PM:	BMS
Coolers:	6668, 6590	Temperature:	<2.8 C	On Ice:	**Y**
Custody Seals Present :	**Y**	COC Present:?	**Y**	Complete?	**Y**
Seal Intact?	**Y**	Numbers:	DATED AND SIGNED		
Ship Method:	FEDEX EXPRESS	Tracking Number:	3960 9827 1583, "1572		
Adequate Packaging:	**Y**	Temp Blank Enclosed?	**Y**		

Notes: THE SAMPLES WERE RECEIVED IN GOOD CONDITION ON ICE.

TWO (2) CUSTODY SEALS WERE PRESENT AND INTACT ON BOTH COOLERS UPON RECEIPT (ALL WERE DATED 3/22/23 AND SIGNED).

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
1302514	MW-3A-202303				
		UNPRES PL	1	/	Anions
		Total # of Containers of Type	(***UNPRES PL***) = **1**		
1302514	MW-3A-202303				
		HNO3	1	Y / N	ICP
		Total # of Containers of Type	(***HNO3***) = **1**		
1302514	MW-3A-202303				
		H2SO4 PL	1	Y / N	NO23
		Total # of Containers of Type	(***H2SO4 PL***) = **1**		
1302514	MW-3A-202303				
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	N / N	VOC
		Total # of Containers of Type	(***VOA HCL***) = **4**		

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
1302517	MW-3B-202303				
		UNPRES PL	1	/	Anions
		Total # of Containers of Type	(***UNPRES PL***) = **1**		
1302517	MW-3B-202303				
		HNO3	1	Y / N	ICP
		Total # of Containers of Type	(***HNO3***) = **1**		

1302517	MW-3B-202303						
		H2SO4 PL	1	Y	/	N	NO23
		Total # of Containers of Type	(***H2SO4 PL***) =	**1**			
1302517	MW-3B-202303						
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1	N	/	N	VOC
		Total # of Containers of Type	(***VOA HCL***) =	**4**			

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?			Tests
1302518	P-103D-202303						
		UNPRES PL	1		/		Anions
		Total # of Containers of Type	(***UNPRES PL***) =	**1**			
1302518	P-103D-202303						
		HNO3	1	Y	/	N	ICP
		Total # of Containers of Type	(***HNO3***) =	**1**			
1302518	P-103D-202303						
		H2SO4 PL	1	Y	/	N	NO23
		Total # of Containers of Type	(***H2SO4 PL***) =	**1**			
1302518	P-103D-202303						
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1	N	/	N	VOC
		Total # of Containers of Type	(***VOA HCL***) =	**4**			

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?			Tests
1302519	P-107D-202303						
		UNPRES PL	1		/		Anions
		Total # of Containers of Type	(***UNPRES PL***) =	**1**			
1302519	P-107D-202303						
		HNO3	1	Y	/	N	ICP
		Total # of Containers of Type	(***HNO3***) =	**1**			
1302519	P-107D-202303						
		H2SO4 PL	1	Y	/	N	NO23
		Total # of Containers of Type	(***H2SO4 PL***) =	**1**			
1302519	P-107D-202303						
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1	N	/	N	VOC
		Total # of Containers of Type	(***VOA HCL***) =	**4**			

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
1302520	P-111D-202303				
		UNPRES PL	1	/	Anions
		Total # of Containers of Type	**(*UNPRES PL*) = 1**		
1302520	P-111D-202303				
		HNO3	1	Y / N	ICP
		Total # of Containers of Type	**(*HNO3*) = 1**		
1302520	P-111D-202303				
		H2SO4 PL	1	Y / N	NO23
		Total # of Containers of Type	**(*H2SO4 PL*) = 1**		
1302520	P-111D-202303				
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	N / N	VOC
		Total # of Containers of Type	**(*VOA HCL*) = 4**		

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
1302521	P-113A-202303				
		UNPRES PL	1	/	Anions
		Total # of Containers of Type	**(*UNPRES PL*) = 1**		
1302521	P-113A-202303				
		HNO3	1	Y / N	ICP
		Total # of Containers of Type	**(*HNO3*) = 1**		
1302521	P-113A-202303				
		H2SO4 PL	1	Y / N	NO23
		Total # of Containers of Type	**(*H2SO4 PL*) = 1**		
1302521	P-113A-202303				
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	N / N	VOC
		Total # of Containers of Type	**(*VOA HCL*) = 4**		

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
1302522	P-113B-202303				
		UNPRES PL	1	/	Anions
		Total # of Containers of Type	**(*UNPRES PL*) = 1**		
1302522	P-113B-202303				
		HNO3	1	Y / N	ICP
		Total # of Containers of Type	**(*HNO3*) = 1**		
1302522	P-113B-202303				

		H2SO4 PL	1	Y	/	N	NO23
		Total # of Containers of Type	**(*H2SO4 PL*) = 1**				
1302522	P-113B-202303						
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1	N	/	N	VOC
		Total # of Containers of Type	**(*VOA HCL*) = 4**				

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?			Tests
1302523	P-114-202303						
		UNPRES PL	1		/		Anions
		Total # of Containers of Type	**(*UNPRES PL*) = 1**				
1302523	P-114-202303						
		HNO3	1	Y	/	N	ICP
		Total # of Containers of Type	**(*HNO3*) = 1**				
1302523	P-114-202303						
		H2SO4 PL	1	Y	/	N	NO23
		Total # of Containers of Type	**(*H2SO4 PL*) = 1**				
1302523	P-114-202303						
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1	N	/	N	VOC
		Total # of Containers of Type	**(*VOA HCL*) = 4**				

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?			Tests
1302524	P-115-202303						
		UNPRES PL	1		/		Anions
		Total # of Containers of Type	**(*UNPRES PL*) = 1**				
1302524	P-115-202303						
		HNO3	1	Y	/	N	ICP
		Total # of Containers of Type	**(*HNO3*) = 1**				
1302524	P-115-202303						
		H2SO4 PL	1	Y	/	N	NO23
		Total # of Containers of Type	**(*H2SO4 PL*) = 1**				
1302524	P-115-202303						
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1	N	/	N	VOC
		Total # of Containers of Type	**(*VOA HCL*) = 4**				

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests

1302525	P-116-202303						
		UNPRES PL	1		/		Anions
		Total # of Containers of Type	(***UNPRES PL***) = **1**				
1302525	P-116-202303						
		HNO3	1	Y	/	N	ICP
		Total # of Containers of Type	(***HNO3***) = **1**				
1302525	P-116-202303						
		H2SO4 PL	1	Y	/	N	NO23
		Total # of Containers of Type	(***H2SO4 PL***) = **1**				
1302525	P-116-202303						
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1	N	/	N	VOC
		Total # of Containers of Type	(***VOA HCL***) = **4**				

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?		Tests
1302526	P-117-202303					
		UNPRES PL	1	/		Anions
		Total # of Containers of Type	(***UNPRES PL***) = **1**			
1302526	P-117-202303					
		HNO3	1	Y /	N	ICP
		Total # of Containers of Type	(***HNO3***) = **1**			
1302526	P-117-202303					
		H2SO4 PL	1	Y /	N	NO23
		Total # of Containers of Type	(***H2SO4 PL***) = **1**			
1302526	P-117-202303					
		VOA HCL	1	/		VOC
		VOA HCL	1	/		VOC
		VOA HCL	1	/		VOC
		VOA HCL	1	N /	N	VOC
		Total # of Containers of Type	(***VOA HCL***) = **4**			

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?		Tests
1302527	P-118-202303					
		UNPRES PL	1	/		Anions
		Total # of Containers of Type	(***UNPRES PL***) = **1**			
1302527	P-118-202303					
		HNO3	1	Y /	N	ICP
		Total # of Containers of Type	(***HNO3***) = **1**			
1302527	P-118-202303					
		H2SO4 PL	1	Y /	N	NO23
		Total # of Containers of Type	(***H2SO4 PL***) = **1**			

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
1302527	P-118-202303				
		VOA HCL	1 /		VOC
		VOA HCL	1 /		VOC
		VOA HCL	1 /		VOC
		VOA HCL	1 N /	N	VOC
		Total # of Containers of Type	(***VOA HCL***) = **4**		
1302528	DUP-01-202303				
		UNPRES PL	1 /		Anions
		Total # of Containers of Type	(***UNPRES PL***) = **1**		
1302528	DUP-01-202303				
		HNO3	1 Y /	N	ICP
		Total # of Containers of Type	(***HNO3***) = **1**		
1302528	DUP-01-202303				
		H2SO4 PL	1 Y /	N	NO23
		Total # of Containers of Type	(***H2SO4 PL***) = **1**		
1302528	DUP-01-202303				
		VOA HCL	1 /		VOC
		VOA HCL	1 /		VOC
		VOA HCL	1 /		VOC
		VOA HCL	1 N /	N	VOC
		Total # of Containers of Type	(***VOA HCL***) = **4**		
1302529	TRIP BLANK				
		Trip Blank	1 /		VOC
		Trip Blank	1 /		VOC
		Trip Blank	1 /		VOC
		Total # of Containers of Type	(***Trip Blank***) = **3**		
1302529	TRIP BLANK				
		VOA HCL	1 N /	N	VOC
		Total # of Containers of Type	(***VOA HCL***) = **1**		

Condition Code *Condition Description*

1 Sample Received OK

Form #FPM3-04 Rev. 09/2020

CHAIN OF CUSTODY

Page 1 of 2

Company: TRC ENV.
Project Contact: Andy Stehn/ Wes Braga
Telephone: 608-234-7374
Project Name: Ripon FF/NW Landfill
Project #: 538168
Location: Ripon, WI
Sampled By: Wesley Bragan

CT LABORATORIES
1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Folder #: 176238
Company: TRC ENVIRONMENTAL
Project: RIPON SUPERFUND LF
Logged By: erc PM: BMS

Program:
QSM RCRA SDWA NPDES
Solid Waste Other _____

PO # 198344

Report To:
EMAIL: Astehn@trccompanies.com
Company: TRC
Address: 999 Fourier Dr. Ste 101

Invoice To:*
EMAIL:
Company:
Address:

*Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions

Client Special Instructions

Matrix:
GW – groundwater SW - surface water WW - wastewater DW - drinking water
S - soil/sediment SL - sludge A - air M - misc/waste

ANALYSES REQUESTED

Collection Date	Collection Time	Matrix	Grab/ Comp	Sample #	Sample ID Description	Filtered? Y/N	VOC (low level 8260C)	Sulfate	Diss. Manganese	Nitrate + Nitrite	Total # Containers	Designated MS/MSD	CT Lab ID # (Lab use only)
							Fill in Spaces with Bottles per Test						
3/21/23	1615	GW	G		MW-3A-202303	N	X	X	X	X	7		13025/14
3/21/23	1527	GW	G		MW-3B-202303	N	X	X	X	X	7		17
3/21/23	1253	GW	G		P-103D-202303	N	X	X	X	X	7		18
3/21/23	1039	GW	G		P-107D-202303	N	X	X	X	X	7		19
3/21/23	1141	GW	G		P-111D-202303	N	X	X	X	X	7		20
3/22/23	1016	GW	G		P-113A-202303	N	X	X	X	X	7		21
3/22/23	939	GW	G		P-113B-202303	N	X	X	X	X	7		22
3/22/23	1215	GW	G		P-114-202303	N	X	X	X	X	7		23
3/22/23	1316	GW	G		P-115-202303	N	X	X	X	X	7		24
3/22/23	1114	GW	G		P-116-202303	N	X	X	X	X	7		25
3/21/23	1443	GW	G		P-117-202303	N	X	X	X	X	7		26
3/21/23	1353	GW	G		P-118-202303	N	X	X	X	X	7		27

Turnaround Time
Normal RUSH*
Date Needed: _____
Rush analysis requires prior CT Laboratories' approval
Surcharges:
24 hr 200%
2-3 days 100%
4-9 days 50%

Relinquished By:	Date/Time	Received By:	Date/Time
	3/21/23 1715		3/22/23 1015
Received by:	Date/Time	Received for Laboratory by:	Date/Time
			3/22/23 1053

Lab Use Only
Ice Present Yes No
Obs. Temp 26, 27 IR Gun 27
Act. Temp _____ Cooler 6668

8590

Form #FPM3-04 Rev. 09/2020

CHAIN OF CUSTODY

Company:
Project Contact:
Telephone:
Project Name: same as page 1
Project #:
Location:
Sampled By:

CT LABORATORIES

1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Lab Use Only
Place Header Sticker Here:

176238

Program:
QSM RCRA SDWA NPDES
Solid Waste Other _____

PO # 198344

Report To:
EMAIL:
Company: same as page 1
Address:

Invoice To:*
EMAIL:
Company:
Address:

*Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions

Client Special Instructions

Matrix:
GW – groundwater SW - surface water WW - wastewater DW - drinking water
S - soil/sediment SL - sludge A - air M - misc/waste

Collection Date	Collection Time	Matrix	Grab/ Comp	Sample #	Sample ID Description	Filtered? Y/N	VOC (Low level)	Sulfate	Diss Manganese	Nitrate+Nitrite	Total # Containers	Designated MS/MSD	CT Lab ID # (Lab use only)
3/21/23	—	GW	G		DUP-01-202303	Y	X	X	X	X			176238 - 29
—	—	W	—		Trip Blank	N	X						

ANALYSES REQUESTED — Fill in Spaces with Bottles per Test

Turnaround Time
Normal RUSH*
Date Needed: _____
Rush analysis requires prior CT Laboratories' approval
Surcharges:
24 hr 200%
2-3 days 100%
4-9 days 50%

Relinquished By:	Date/Time	Received By:	Date/Time
Wesley J Mar	3/22/23 1715		3/23 1015
Received by:	Date/Time	Received for Laboratory by:	Date/Time
			3/23 1308

Lab Use Only
Ice Present Yes No 27
Obs. Temp 26, 27 IR Gun ____
Act. Temp ____ Cooler 6889

6590

CT Laboratories Terms and Conditions

Where a purchaser (Client
the Order constitutes an a
upon acceptance of these

1. ORDERS AND RECEIP
1.1 The Client may place t
enable CTL to carry out th
must: (a) be accompanie
custody. In the absence o
(b) samples must be labe
appropriate sample conta
adhere to method specifi
perform the necessary testing. If sufficient volume is not present, the sample
report will be qualified. If not, the samples
1.2 CTL must be supplied with complete
contamination of instruments or work are
1.3 Prior to Sample Acceptance, the ent
containing any hazardous substance wh
1.4 Clients using CTL's shipping accoun
1.5 CTL will not accept liability for any s
caused by the Client in CTL's ability to k
1.6 CTL will only reject samples per dire
Client and the regulating agency(s).
1.7 Signing of this COC by the Client or

2. PAYMENT TERMS
2.1 Services performed by CTL will be in
CTL. For Clients with approved credit, pay
payment. All fees are charged or billed direc
timely payment of its invoices. Client shall

3. CHANGE ORDERS, TERMINATION
3.1 Changes to the Scope of Work, price, o
the amount of any cost, schedule change or tech
3.2 Changes to the Scope of Work, includin
and turnaround time commitment. CTL's acc
3.3 Suspension or termination of all or any p

4. WARRANTIES AND LIABILITY
4.1 Where applicable, CTL will use analyti
CTL reserves the right to deviate from thes
perform according to a mutually agreed Qu
be repeated to comply with a subsequently
4.2 CTL shall start preparation and/or analys
be added accordingly. Where resolution of
sufficient guidance. Reanalysis of samples t
Manual requirements, the warranty will be de
4.3 CTL warrants that it possesses and mai
revocation of any license, or notice of either,
4.4 The warranty obligations set forth in Secti
EXPRESS OR IMPLIED. No representative o
4.5 Client's sole and exclusive remedy for the
requested by the Client generating Results co
4.6 CTL's liability for any and all causes of act
thereon is filed within one year after CTL's co
services performed or by application or use of
4.7 In no event shall CTL have any responsibil
to, acts of God, acts of Client, acts or orders of
usual suppliers, difficulties or delays in transpo

CUSTODY SEAL
DATE 3/27/23
SIGNATURE

QEC
Quality Environmental Containers
800-255-3950 • 304-255-3900

Part # 1582 435 RRDB EXP 11/23

SHIP DATE: 22MAR23
ACTWGT: 24.70 LB
CAD: 6994589/SSFE2401
DIMS: 14x10x14 IN
BILL THIRD PARTY

ORIGIN ID:MSNA (608) 234-7374
WESLEY BRAGA
TRC
999 FOURIER DR.
MADISON, WI 53717
UNITED STATES US

TO
CT LABORATORIES REF: 538168
1230 LANGE CT
BARABOO WI 53913
(608) 356-2760
DEPT:

THU 22 MAR 10:30
PRIORITY OVERNIGHT
5391
WI-US MSN

1 of 2
TRK# 3960 9827 1572
0201
MASTER
55 LNRA

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e Order shall not be valid unless it contains sufficient information to
qualified on the final report. All samples submitted to the laboratory
) the sample and any additional pertinent fields on the chain-of-

r further instructions or resampling. (c) samples must be in an
ontainers and preservations for analytical methods requested. (d)
ıe final report will be qualified. (e) contain adequate sample volume to
n, the client will be notified. If analysis can be performed, the final
t of temperature control (ice) suitable to current weather conditions.
r the required disclosure, cause interruptions in the lab's ability to process work due to

sample to or from CTL's premises. Client is responsible to assure that any sample

ontrol and not successfully delivered to the laboratory within specified hold times.
. valid COC documentation, all sample receiving issues being resolved from a delay

al acceptance by the regulating agency. Ultimately, suitability for use is between the

dvance is required for all Clients except those whose credit has been established with
m rate permissible by law, per month or portion thereof from the due date until the date of
d withhold delivery of data under this order at any time in the event Client fails to make
edit report.

. will not proceed with such changes until an agreement with the Client is reached on

nce. Such a change will be documented in writing and may result in a change in cost

d.

rating Procedures and where the nature or composition of the sample requires it,
industry and/or CTL's Laboratory Quality Manuals. Client may request that CTL
ınd CTL will not be responsible for any resampling or other charges if work must

this provision will be charged as expedited samples and the appropriate rate will
TL's judgment, the chain-of-custody or definition of the Scope of Work provide
rates that sample matrix interference is the cause of failure to meet any Quality

ample Acceptance. CTL will notify the Client in writing of any decertification or

and makes NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND.

and at the Client's expense, additional sample(s) if necessary. Any reanalysis
fifty dollars ($150) per sample, whichever is less.
All claims, including those for negligence, shall be deemed waived unless suit
any special, indirect, incidental or consequential damages occasioned by the

circumstance beyond the reasonable control of CTL. Such causes and circumstances shall include, but not be limited
equipment breakdown, matrix interference or unknown highly contaminated samples that impact instrument operation, unavailability of supplies from

8. RESULTS, WORK PRODUCT
5.1 Data or information provided to CTL or generated by services performed under this agreement shall only become the property of the Client upon receipt in full by CTL of payment for the whole Order. Ownership of any analytical method, QA/QC protocols, software programs or equipment developed by CTL for performance of work will be retained by CTL, and Client shall not disclose such information to any third party.
5.2 Data and sample materials provided by Client or at Client's request, and the result obtained by CTL shall be held in confidence (unless such information is generally available to the public or is in the public domain or Client has failed to pay CTL for all services rendered or is otherwise in breach of these Terms and Conditions), subject to any disclosure required by law or legal process.
5.3 Should the Results delivered by CTL be used by the Client or Client's client, even though subsequently determined not to meet the warranties described in these Terms and Conditions
CTL's right to independently defend its data
5.4 CTL reserves the right to subcontract services ordered by the Client to another laboratory or laboratories, if, in CTL's sole
warranties guarantees and insurance are those of the subcontracted laboratory.
5.5 CTL shall dispose of the Client's samples and extracts 30 da
Federal state or local requirements
return to the Client any samp
5.6 Unless a different time pe
5.7 In the event that CTL is r
related to the legal process, t

mutual agreement. In no case shall the Client unreasonably withhold
no way be liable for any subcontracted services and all applicable
, Environmental Protection Agency regulations or other applicable
returned to the Client at Client expense. CTL reserves the right to
n and expense
concerning the response, preparation to testify and appearances

CUSTODY SEAL
DATE 3/27/23
SIGNATURE

QEC
Quality Environmental Containers
800-255-3950 • 304-255-3900

6. INSURANCE
6.1 CTL shall maintain in force
such period, Comprehensive G
changes to these limits or cond

the states having jurisdiction over CTL's employees who are engaged in the performance of the work. CTL shall also maintain during
ured, ($1,000,000 combined single limit), and Professional/Pollution Liability insurance (limit of $5,000,000 per occurrence/aggregate). Any Client required

7. AUDIT
7.1 Upon prior notice to CTL, the Client may audit and inspect CTL's records and accounts covering reimbursable costs related to work done for the Client, for a period of one (1) year after completion of the work. The purpose of any such audit shall be only for verification of such costs, and CTL shall not be required to provide access to cost records where prices are expressed as fixed fees or published unit prices.

CT Laboratories Terms and Conditions

Where a purchaser (Client) places an order for laboratory, consulting or sampling services from CT Laboratories (CTL), CTL shall provide the ordered services pursuant to these Terms and Conditions, and the related Quotation, or as agreed in a negotiated contract. In the absence of a written agreement to the contrary, the Order constitutes an acceptance by the Client of CTL's offer to do business under these Terms and Conditions, and an agreement to be bound by these Terms and Conditions. No contrary or additional terms and conditions expressed in a Client's document shall be deemed to become a part of the contract created upon acceptance of these Terms and Conditions, unless accepted by CTL in advance of the start of the project and in writing.

1. ORDERS AND RECEIPT OF SAMPLES (Sample Acceptance Policy)

1.1 The Client may place the Order (i.e., specify a Scope of Work) either by submitting a purchase order to CTL in writing, by telephone (confirmed in writing) or by negotiated contract. Whichever option the Client selects for placing the Order, the Order shall not be valid unless it contains sufficient information to enable CTL to carry out the Client's requirements. It is the policy of CTL that samples not meeting the acceptance criteria, outlined in the NELAC standards and Section 5 8 3 2 of the DOD QSM, will not be accepted by the laboratory or will be qualified on the final report. All samples submitted to the laboratory must (a) be accompanied by proper, full and complete documentation, including sample ... collection, the collector's name, type of preservation (if any), type of sample, any special comments concerning the sample and any additional pertinent fields on the chain-of-custody. In the absence of any of the required information the laboratory ... unable to obtain the necessary information, the final ... qualified. (b) samples must be labeled appropriately with a unique s... appropriate sample container. If the container is ... the client will be contacted for further instructions or resampling. (c) samples must be in an adhere to method specified holding times. If ... approved containers and preservations for analytical methods requested. (d) perform the necessary testing. If sufficient ... exceeded, the final report will be qualified. (e) contain adequate sample volume to report will be qualified. If not, the samples ... reservation, the client will be notified. If analysis can be performed, the final

1.2 CTL must be supplied with complete ... temperature control (ice) suitable to current weather conditions. contamination of instruments or work areas, ... required disclosure, cause interruptions in the lab's ability to process work due to

1.3 Prior to Sample Acceptance, the entire ... containing any hazardous substance which ... ple to or from CTL's premises. Client is responsible to assure that any sample

1.4 Clients using CTL's shipping account(s) ...

1.5 CTL will not accept liability for any sampl... and not successfully delivered to the laboratory within specified hold times. caused by the Client in CTL's ability to log-in ... d COC documentation, all sample receiving issues being resolved from a delay

1.6 CTL will only reject samples per direction ... Client and the regulating agency(s).

1.7 Signing of this COC by the Client or Clien... acceptance by the regulating agency. Ultimately, suitability for use is between the ... by the Client ...

2. PAYMENT TERMS

2.1 Services performed by CTL will be in accor... CTL. For Clients with approved credit, payment ... group. Payment in advance is required for all Clients except those whose credit has been established with payment. All fees are charged or billed directly to ... one-half percent (1.5%) or the maximum rate permissible by law, per month or portion thereof from the due date until the date of timely payment of its invoices. Client shall be re... CTL may suspend work and withhold delivery of data under this order at any time in the event Client fails to make ... favorable Client credit report.

3. CHANGE ORDERS, TERMINATION

3.1 Changes to the Scope of Work, price, or res... the amount of any cost, schedule change or technical ... not proceed with such changes until an agreement with the Client is reached on

3.2 Changes to the Scope of Work, including bu... and turnaround time commitment. CTL's accept... Such a change will be documented in writing and may result in a change in cost

3.3 Suspension or termination of all or any part o...

4. WARRANTIES AND LIABILITY

4.1 Where applicable, CTL will use analytical ... ing Procedures and where the nature or composition of the sample requires it, CTL reserves the right to deviate from these m... industry and/or CTL's Laboratory Quality Manuals. Client may request that CTL perform according to a mutually agreed Quality ... CTL will not be responsible for any resampling or other charges if work must be repeated to comply with a subsequently final...

4.2 CTL shall start preparation and/or analysis ... this provision will be charged as expedited samples and the appropriate rate will be added accordingly. Where resolution of inc... 's judgment, the chain-of-custody or definition of the Scope of Work provide sufficient guidance. Reanalysis of samples to c... tes that sample matrix interference is the cause of failure to meet any Quality Manual requirements, the warranty will be deem...

4.3 CTL warrants that it possesses and maintai... ample Acceptance. CTL will notify the Client in writing of any decertification or revocation of any license, or notice of either, wh...

4.4 The warranty obligations set forth in Section ... s and makes NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. No representative of C...

4.5 Client's sole and exclusive remedy for the b... providing, at the request of CTL and at the Client's expense, additional sample(s) if necessary. Any reanalysis requested by the Client generating Results cons... necessary. CTL's liability for resampling costs will be limited to actual cost or one hundred or one hundred fifty dollars ($150) per sample, whichever is less.

4.6 CTL's liability for any and all causes of action arising hereunder, whether based in contract, tort, warranty, negligence or otherwise, shall be limited to the lesser amount of compensation for the services performed or $100,000. All claims, including those for negligence, shall be deemed waived unless suit thereon is filed within one year after CTL's completion of the services. Under no circumstances, whether arising in contract, tort (including negligence), or otherwise, shall CTL be responsible for loss of use ... incidental or consequential damages occasioned by the services performed or by application ...

4.7 In no event shall CTL have any r... to, acts of God, acts of Client, acts o... usual suppliers, difficulties or delays ... h cases and circumstances shall include, but not be limited ... impair instrument operation, unavailability of supplies from

5. RESULTS, WORK PRODUCT

5.1 Data or information provided to C... for performance of work will be retain...

5.2 Data and sample materials provi... protocols, software programs or equipment developed by CTL Terms and Conditions), subject to an...

5.3 Should the Results delivered by C... for all services rendered or is otherwise in breach of these CTL's right to independently defend it... agreement. In no case shall the Client unreasonably withhold

5.4 CTL reserves the right to subcontract services ordered by the Client to another laboratory or laboratories if, in CTL's sole judgment, it is reasonably necessary, appropriate or advisable to do so, and with the Client's permission. CTL will in no way be liable for any subcontracted services and all warranties, guarantees and insurance are those of the subcontracted laboratory.

5.5 CTL shall dispose of the Clients samples and extracts 30 days after the analytical report is issued, unless instructed to store them for an alternate period of time or to return such samples to the Client, in a manner consistent with U.S. Environmental Protection Agency regulations or other applicable Federal, state or local requirements. Additional charges will apply for samples or extracts stored longer than 30 days at the Clients request. Any samples for ... return to the Client any sample of unused portion of a sample that is not within CTL's permitted capability or the capabilities of CTL's designated waste ... returned to the Client at Client expense. CTL reserves the right to

5.6 Unless a different time period is agreed to in any order under these Terms and Conditions, CTL ... cancelled or not accepted, or for which return ...

5.7 In the event that CTL is required to respond to legal process ... related to the legal process, travel ... expense. ... rning the response, preparation to testify, and appearances

6. INSURANCE

6.1 CTL shall maintain in force during such period Comprehensive General ... the performance of the work. CTL shall also maintain during changes to these limits or conditions w... $5,000,000 per occurrence/aggregate). Any Client required

7. AUDIT

7.1 Upon prior notice to CTL, the Client ... access to cost records where prices ar... purpose of any such audit shall be only for verification of such costs, and CTL shall not be required to provide

ORIGIN ID:MSNA (608) 234-7374
WESLEY BRAGA
TRC
888 FOURIER DR.

MADISON, WI 53717
UNITED STATES US

SHIP DATE: 22MAR23
ACTWGT: 43.00 LB
CAD: 6994589/SSFE2401
DIMS: 24x13x14 IN

BILL THIRD PARTY

TO CT LABORATORIES REF: 538168
1230 LANGE CT

BARABOO WI 53913
(608) 356-2760 REF:
INV:
PO: DEPT:

FedEx Express
E

2 of 2
MPS# 0263 3960 9827 1583
Mstr# 3960 9827 1572 0201

THU - 23 MAR 10:
PRIORITY OVERNI

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CUSTODY SEAL
DATE 3/22/23
SIGNATURE [signature]

QEC
Quality Environmental Containers
800-255-3950 • 304-255-3900

CUSTODY SEAL
DATE 3/22/23
SIGNATURE [signature]

QEC
Quality Environmental Containers
800-255-3950 • 304-255-3900

CT LABORATORIES

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ANALYTICAL REPORT

This report at a minimum contains the following information:

- Analytical Report of Test Results
- Description of QC Qualifiers
- Chain of Custody (copy)
- Quality Control Summary
- Case Narrative (if applicable)
- Correspondence with Client (if applicable)

MW-003B	%RPD
SULFATE, TOTAL	1
MANGANESE, DISSOLVED	2
CIS-1,2-DICHLOROETHENE	NA
VINYL CHLORIDE	0.02

P-115 (WIESE)	%RPD
SULFATE, TOTAL	0
MANGANESE, DISSOLVED	1
CIS-1,2-DICHLOROETHENE	5
VINYL CHLORIDE	17

Data assessment (CT Laboratories, Baraboo, WI; Folder #178541:):
All holding times, field qc, and lab qc met criteria, except as specified below.
- Samples LC-1-202306 (133993) and LC-2-202306 (1339933) were qualified by the laboratory as received with improper preservation or temperature, but no further information was provided. Results should be considered estimated with a possible low bias.
- Samples LC-1-202306 (133993) was qualified as being diluted due to matrix interference.

Field Duplicates
- DUP-01-202306 was collected at MW-003B
- DUP-02-202306 was collected at P115 (Wiese)

MS/MSD/LCS
- 2,2-Dichloropropane, acetone, and bromomethane: RPD above control limits; associated detections considered estimated, "j"
- 2,2-Dichloropropane LCS recovery above control limits; associated detections considered estimated with a possible high bias, "j+"

BLANKS-
Sample detections <5x blank value were flagged as nondetect ('u') at the reported limit.
Analytes in method blank: Acetone, 1.96 µg/L
Analytes in trip blanks: acetone (2.5J), methylene chloride (0.18J)
Data has been reviewed per TRC data usability guidelines and is usable with the above notations.
P Popp, 7/30/2023

CT LABORATORIES
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CT Laboratories LLC • 1230 Lange Ct • Baraboo, WI 53913
608 -356-2760 • www.ctlaboratories.com

ANALYTICAL REPORT

TRC ENVIRONMENTAL
ANDREW STEHN
999 FOURIER DRIVE
SUITE 101
MADISON, WI 53717

Copy: astehn@trccompanies.com

Project Name: RIPON FF/NN LANDFILL
Project Phase: RIPON, WI
Project #: 538168
Folder #: 178541
Purchase Order #: 202544
Contract #: 3276

Arrival Temperature: 6.1
Report Date: 7/10/2023
Date Received: 6/23/2023
Reprint Date: 7/10/2023

CT LAB#: 1339910 Sample Description: MW-3A-202306 License/Well #: 00467/133 Sampled: 6/21/2023 15:20

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	20	mg/L	0.80	2.5	1			6/26/2023 17:51	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			6/29/2023 11:57	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	431	ug/L	2.4	8.0	1			6/23/2023 22:35	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			6/26/2023 11:50	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			6/26/2023 11:50	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			6/26/2023 11:50	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			6/26/2023 11:50	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339910 Sample Description: MW-3A-202306 License/Well #: 00467/133 Sampled: 6/21/2023 15:20

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			6/26/2023 11:50	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			6/26/2023 11:50	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			6/26/2023 11:50	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			6/26/2023 11:50	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			6/26/2023 11:50	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			6/26/2023 11:50	RLD	EPA 8260C
Acetone	1.7	ug/L	0.84 *	4.0	1	B		6/26/2023 11:50	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			6/26/2023 11:50	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1			6/26/2023 11:50	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			6/26/2023 11:50	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			6/26/2023 11:50	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			6/26/2023 11:50	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			6/26/2023 11:50	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339910 Sample Description: MW-3A-202306 License/Well #: 00467/133 Sampled: 6/21/2023 15:20

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Chloromethane	<0.045	ug/L	0.045	0.20	1			6/26/2023 11:50	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.023	ug/L	0.023	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			6/26/2023 11:50	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			6/26/2023 11:50	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			6/26/2023 11:50	RLD	EPA 8260C
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			6/26/2023 11:50	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			6/26/2023 11:50	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			6/26/2023 11:50	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			6/26/2023 11:50	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			6/26/2023 11:50	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339910 Sample Description: MW-3A-202306 License/Well #: 00467/133 Sampled: 6/21/2023 15:20

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			6/26/2023 11:50	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			6/26/2023 11:50	RLD	EPA 8260C
Vinyl chloride	<0.019	ug/L	0.019	0.10	1			6/26/2023 11:50	RLD	EPA 8260C
1,2 Dichloroethane-d4	99.0	% Recovery	70.0	130	1			6/26/2023 11:50	RLD	EPA 8260C
Bromofluorobenzene	99.0	% Recovery	70.0	130	1			6/26/2023 11:50	RLD	EPA 8260C
d8-Toluene	100	% Recovery	70.0	130	1			6/26/2023 11:50	RLD	EPA 8260C
Dibromofluoromethane	100	% Recovery	70.0	130	1			6/26/2023 11:50	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339911 Sample Description: MW-3B-202306 License/Well #: 00467/134 Sampled: 6/21/2023 16:26

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	51	mg/L	4.0	13	5			6/26/2023 19:19	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			6/29/2023 12:01	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	90.4	ug/L	2.4	8.0	1			6/23/2023 22:42	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			6/26/2023 12:20	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			6/26/2023 12:20	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			6/26/2023 12:20	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			6/26/2023 12:20	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			6/26/2023 12:20	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			6/26/2023 12:20	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339911 Sample Description: MW-3B-202306 License/Well #: 00467/134 Sampled: 6/21/2023 16:26

Analyte	Result	Units	LOD		LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time		Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075		0.30	1			6/26/2023	12:20	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31		2.0	1			6/26/2023	12:20	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020		0.10	1			6/26/2023	12:20	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15		1.0	1			6/26/2023	12:20	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013		0.10	1			6/26/2023	12:20	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19		1.0	1			6/26/2023	12:20	RLD	EPA 8260C
Acetone	1.7	ug/L	0.84	*	4.0	1	B		6/26/2023	12:20	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022		0.10	1			6/26/2023	12:20	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018		0.10	1			6/26/2023	12:20	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034		0.20	1			6/26/2023	12:20	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019		0.10	1			6/26/2023	12:20	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041		0.20	1			6/26/2023	12:20	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052		0.20	1			6/26/2023	12:20	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11		0.40	1			6/26/2023	12:20	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018		0.10	1			6/26/2023	12:20	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013		0.10	1			6/26/2023	12:20	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40		1.5	1			6/26/2023	12:20	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016		0.10	1			6/26/2023	12:20	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045		0.20	1			6/26/2023	12:20	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.035	ug/L	0.023	*	0.10	1			6/26/2023	12:20	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014		0.10	1			6/26/2023	12:20	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016		0.10	1			6/26/2023	12:20	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018		0.10	1			6/26/2023	12:20	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091		0.30	1			6/26/2023	12:20	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02		0.1	1			6/26/2023	12:20	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014		0.10	1			6/26/2023	12:20	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027		0.20	1			6/26/2023	12:20	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339911 Sample Description: MW-3B-202306 License/Well #: 00467/134 Sampled: 6/21/2023 16:26

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			6/26/2023 12:20	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			6/26/2023 12:20	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			6/26/2023 12:20	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			6/26/2023 12:20	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			6/26/2023 12:20	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			6/26/2023 12:20	RLD	EPA 8260C
Vinyl chloride	0.052	ug/L	0.019 *	0.10	1			6/26/2023 12:20	RLD	EPA 8260C
1,2 Dichloroethane-d4	104	% Recovery	70.0	130	1			6/26/2023 12:20	RLD	EPA 8260C
Bromofluorobenzene	99.0	% Recovery	70.0	130	1			6/26/2023 12:20	RLD	EPA 8260C
d8-Toluene	100	% Recovery	70.0	130	1			6/26/2023 12:20	RLD	EPA 8260C
Dibromofluoromethane	103	% Recovery	70.0	130	1			6/26/2023 12:20	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339912 Sample Description: MW-103-202306 License/Well #: 00467/112 Sampled: 6/20/2023 11:15

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	89	mg/L	4.0	13	5			6/26/2023 19:37	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	14	mg/L	0.25	1.0	5			6/29/2023 12:13	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	<2.4	ug/L	2.4	8.0	1			6/23/2023 22:49	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			6/26/2023 12:49	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			6/26/2023 12:49	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			6/26/2023 12:49	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			6/26/2023 12:49	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			6/26/2023 12:49	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			6/26/2023 12:49	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339912 Sample Description: MW-103-202306 License/Well #: 00467/112 Sampled: 6/20/2023 11:15

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			6/26/2023 12:49	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			6/26/2023 12:49	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			6/26/2023 12:49	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			6/26/2023 12:49	RLD	EPA 8260C
Acetone	1.8	ug/L	0.84 *	4.0	1	B		6/26/2023 12:49	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			6/26/2023 12:49	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1			6/26/2023 12:49	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			6/26/2023 12:49	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			6/26/2023 12:49	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			6/26/2023 12:49	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			6/26/2023 12:49	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.086	ug/L	0.023 *	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			6/26/2023 12:49	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			6/26/2023 12:49	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			6/26/2023 12:49	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339912 Sample Description: MW-103-202306 License/Well #: 00467/112 Sampled: 6/20/2023 11:15

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			6/26/2023 12:49	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			6/26/2023 12:49	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
Tetrachloroethene	0.22	ug/L	0.028	0.20	1			6/26/2023 12:49	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			6/26/2023 12:49	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
Trichloroethene	0.79	ug/L	0.022	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			6/26/2023 12:49	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			6/26/2023 12:49	RLD	EPA 8260C
Vinyl chloride	<0.019	ug/L	0.019	0.10	1			6/26/2023 12:49	RLD	EPA 8260C
1,2 Dichloroethane-d4	103	% Recovery	70.0	130	1			6/26/2023 12:49	RLD	EPA 8260C
Bromofluorobenzene	100	% Recovery	70.0	130	1			6/26/2023 12:49	RLD	EPA 8260C
d8-Toluene	101	% Recovery	70.0	130	1			6/26/2023 12:49	RLD	EPA 8260C
Dibromofluoromethane	104	% Recovery	70.0	130	1			6/26/2023 12:49	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339913 Sample Description: P-103-202306 License/Well #: 00467/114 Sampled: 6/20/2023 12:15

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	55	mg/L	4.0	13	5			6/26/2023 19:55	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			6/29/2023 12:03	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	81.8	ug/L	2.4	8.0	1			6/23/2023 22:57	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			6/26/2023 13:18	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			6/26/2023 13:18	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			6/26/2023 13:18	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			6/26/2023 13:18	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			6/26/2023 13:18	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			6/26/2023 13:18	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339913 Sample Description: P-103-202306 License/Well #: 00467/114 Sampled: 6/20/2023 12:15

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			6/26/2023 13:18	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			6/26/2023 13:18	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			6/26/2023 13:18	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			6/26/2023 13:18	RLD	EPA 8260C
Acetone	1.6	ug/L	0.84 *	4.0	1	B		6/26/2023 13:18	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			6/26/2023 13:18	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1			6/26/2023 13:18	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			6/26/2023 13:18	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			6/26/2023 13:18	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			6/26/2023 13:18	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			6/26/2023 13:18	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.023	ug/L	0.023	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			6/26/2023 13:18	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			6/26/2023 13:18	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			6/26/2023 13:18	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339913 Sample Description: P-103-202306 License/Well #: 00467/114 Sampled: 6/20/2023 12:15

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			6/26/2023 13:18	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			6/26/2023 13:18	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			6/26/2023 13:18	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			6/26/2023 13:18	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			6/26/2023 13:18	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			6/26/2023 13:18	RLD	EPA 8260C
Vinyl chloride	<0.019	ug/L	0.019	0.10	1			6/26/2023 13:18	RLD	EPA 8260C
1,2 Dichloroethane-d4	105	% Recovery	70.0	130	1			6/26/2023 13:18	RLD	EPA 8260C
Bromofluorobenzene	98.0	% Recovery	70.0	130	1			6/26/2023 13:18	RLD	EPA 8260C
d8-Toluene	99.0	% Recovery	70.0	130	1			6/26/2023 13:18	RLD	EPA 8260C
Dibromofluoromethane	105	% Recovery	70.0	130	1			6/26/2023 13:18	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339914 Sample Description: P-103D-202306 License/Well #: 00467/141 Sampled: 6/20/2023 13:08

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	67	mg/L	4.0	13	5			6/26/2023 20:12	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			6/29/2023 12:04	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	88.7	ug/L	2.4	8.0	1			6/23/2023 23:04	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			6/26/2023 13:46	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			6/26/2023 13:46	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			6/26/2023 13:46	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			6/26/2023 13:46	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			6/26/2023 13:46	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			6/26/2023 13:46	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339914 Sample Description: P-103D-202306 License/Well #: 00467/141 Sampled: 6/20/2023 13:08

Analyte	Result	Units	LOD		LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075		0.30	1			6/26/2023 13:46	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31		2.0	1			6/26/2023 13:46	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020		0.10	1			6/26/2023 13:46	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15		1.0	1			6/26/2023 13:46	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013		0.10	1			6/26/2023 13:46	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19		1.0	1			6/26/2023 13:46	RLD	EPA 8260C
Acetone	1.6	ug/L	0.84	*	4.0	1	B		6/26/2023 13:46	RLD	EPA 8260C
Benzene	0.028	ug/L	0.022	*	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018		0.10	1			6/26/2023 13:46	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034		0.20	1			6/26/2023 13:46	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019		0.10	1			6/26/2023 13:46	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041		0.20	1			6/26/2023 13:46	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052		0.20	1			6/26/2023 13:46	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11		0.40	1			6/26/2023 13:46	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018		0.10	1			6/26/2023 13:46	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013		0.10	1			6/26/2023 13:46	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40		1.5	1			6/26/2023 13:46	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016		0.10	1			6/26/2023 13:46	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045		0.20	1			6/26/2023 13:46	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.25	ug/L	0.023		0.10	1			6/26/2023 13:46	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014		0.10	1			6/26/2023 13:46	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016		0.10	1			6/26/2023 13:46	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018		0.10	1			6/26/2023 13:46	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091		0.30	1			6/26/2023 13:46	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02		0.1	1			6/26/2023 13:46	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014		0.10	1			6/26/2023 13:46	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027		0.20	1			6/26/2023 13:46	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339914 Sample Description: P-103D-202306 License/Well #: 00467/141 Sampled: 6/20/2023 13:08

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			6/26/2023 13:46	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			6/26/2023 13:46	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			6/26/2023 13:46	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			6/26/2023 13:46	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
Trichloroethene	0.075	ug/L	0.022 *	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			6/26/2023 13:46	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			6/26/2023 13:46	RLD	EPA 8260C
Vinyl chloride	0.20	ug/L	0.019	0.10	1			6/26/2023 13:46	RLD	EPA 8260C
1,2 Dichloroethane-d4	104	% Recovery	70.0	130	1			6/26/2023 13:46	RLD	EPA 8260C
Bromofluorobenzene	96.0	% Recovery	70.0	130	1			6/26/2023 13:46	RLD	EPA 8260C
d8-Toluene	99.0	% Recovery	70.0	130	1			6/26/2023 13:46	RLD	EPA 8260C
Dibromofluoromethane	106	% Recovery	70.0	130	1			6/26/2023 13:46	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339915 Sample Description: MW-104-202306 License/Well #: 00467/113 Sampled: 6/20/2023 15:13

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			6/26/2023 14:14	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			6/26/2023 14:14	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			6/26/2023 14:14	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			6/26/2023 14:14	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			6/26/2023 14:14	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
1,4-Dichlorobenzene	1.4	ug/L	0.017	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			6/26/2023 14:14	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			6/26/2023 14:14	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			6/26/2023 14:14	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			6/26/2023 14:14	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339915 Sample Description: MW-104-202306 License/Well #: 00467/113 Sampled: 6/20/2023 15:13

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Acetone	3.4	ug/L	0.84 *	4.0	1	B		6/26/2023 14:14	RLD	EPA 8260C
Benzene	0.13	ug/L	0.022	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			6/26/2023 14:14	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1			6/26/2023 14:14	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			6/26/2023 14:14	RLD	EPA 8260C
Carbon disulfide	0.18	ug/L	0.11 *	0.40	1			6/26/2023 14:14	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
Chlorobenzene	3.6	ug/L	0.013	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			6/26/2023 14:14	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			6/26/2023 14:14	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.13	ug/L	0.023	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			6/26/2023 14:14	RLD	EPA 8260C
Diisopropyl ether	0.040	ug/L	0.02 *	0.1	1			6/26/2023 14:14	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			6/26/2023 14:14	RLD	EPA 8260C
Isopropylbenzene	0.086	ug/L	0.020 *	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			6/26/2023 14:14	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			6/26/2023 14:14	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 14:14	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339915 Sample Description: MW-104-202306 License/Well #: 00467/113 Sampled: 6/20/2023 15:13

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Naphthalene	<0.025	ug/L	0.025	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
sec-Butylbenzene	0.058	ug/L	0.021 *	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			6/26/2023 14:14	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			6/26/2023 14:14	RLD	EPA 8260C
Toluene	0.061	ug/L	0.020 *	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
Trichloroethene	0.046	ug/L	0.022 *	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			6/26/2023 14:14	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			6/26/2023 14:14	RLD	EPA 8260C
Vinyl chloride	0.35	ug/L	0.019	0.10	1			6/26/2023 14:14	RLD	EPA 8260C
1,2 Dichloroethane-d4	104	% Recovery	70.0	130	1			6/26/2023 14:14	RLD	EPA 8260C
Bromofluorobenzene	98.0	% Recovery	70.0	130	1			6/26/2023 14:14	RLD	EPA 8260C
d8-Toluene	100	% Recovery	70.0	130	1			6/26/2023 14:14	RLD	EPA 8260C
Dibromofluoromethane	104	% Recovery	70.0	130	1			6/26/2023 14:14	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339916 Sample Description: P-106-202306 License/Well #: 00467/116 Sampled: 6/20/2023 15:27

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			6/26/2023 14:43	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			6/26/2023 14:43	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			6/26/2023 14:43	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			6/26/2023 14:43	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			6/26/2023 14:43	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			6/26/2023 14:43	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			6/26/2023 14:43	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			6/26/2023 14:43	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			6/26/2023 14:43	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339916 Sample Description: P-106-202306 License/Well #: 00467/116 Sampled: 6/20/2023 15:27

Analyte	Result	Units	LOD		LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time		Analyst	Method
Acetone	1.7	ug/L	0.84	*	4.0	1	B		6/26/2023	14:43	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022		0.10	1			6/26/2023	14:43	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018		0.10	1			6/26/2023	14:43	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034		0.20	1			6/26/2023	14:43	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019		0.10	1			6/26/2023	14:43	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041		0.20	1			6/26/2023	14:43	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052		0.20	1			6/26/2023	14:43	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11		0.40	1			6/26/2023	14:43	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018		0.10	1			6/26/2023	14:43	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013		0.10	1			6/26/2023	14:43	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40		1.5	1			6/26/2023	14:43	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016		0.10	1			6/26/2023	14:43	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045		0.20	1			6/26/2023	14:43	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.023	ug/L	0.023		0.10	1			6/26/2023	14:43	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014		0.10	1			6/26/2023	14:43	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016		0.10	1			6/26/2023	14:43	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018		0.10	1			6/26/2023	14:43	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091		0.30	1			6/26/2023	14:43	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02		0.1	1			6/26/2023	14:43	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014		0.10	1			6/26/2023	14:43	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027		0.20	1			6/26/2023	14:43	RLD	EPA 8260C
Isopropylbenzene	<0.020	ug/L	0.020		0.10	1			6/26/2023	14:43	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030		0.20	1			6/26/2023	14:43	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014		0.10	1			6/26/2023	14:43	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090		0.40	1			6/26/2023	14:43	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021		0.10	1			6/26/2023	14:43	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020		0.10	1			6/26/2023	14:43	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339916 Sample Description: P-106-202306 License/Well #: 00467/116 Sampled: 6/20/2023 15:27

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Naphthalene	<0.025	ug/L	0.025	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			6/26/2023 14:43	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			6/26/2023 14:43	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
Trichloroethene	0.12	ug/L	0.022	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			6/26/2023 14:43	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			6/26/2023 14:43	RLD	EPA 8260C
Vinyl chloride	<0.019	ug/L	0.019	0.10	1			6/26/2023 14:43	RLD	EPA 8260C
1,2 Dichloroethane-d4	107	% Recovery	70.0	130	1			6/26/2023 14:43	RLD	EPA 8260C
Bromofluorobenzene	98.0	% Recovery	70.0	130	1			6/26/2023 14:43	RLD	EPA 8260C
d8-Toluene	102	% Recovery	70.0	130	1			6/26/2023 14:43	RLD	EPA 8260C
Dibromofluoromethane	105	% Recovery	70.0	130	1			6/26/2023 14:43	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339917 Sample Description: MW-107-202306 License/Well #: 00467/117 Sampled: 6/20/2023 14:40

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			6/26/2023 15:11	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			6/26/2023 15:11	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			6/26/2023 15:11	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			6/26/2023 15:11	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			6/26/2023 15:11	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			6/26/2023 15:11	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			6/26/2023 15:11	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			6/26/2023 15:11	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			6/26/2023 15:11	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339917 Sample Description: MW-107-202306 License/Well #: 00467/117 Sampled: 6/20/2023 14:40

Analyte	Result	Units	LOD		LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Acetone	1.8	ug/L	0.84	*	4.0	1	B		6/26/2023 15:11	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022		0.10	1			6/26/2023 15:11	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018		0.10	1			6/26/2023 15:11	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034		0.20	1			6/26/2023 15:11	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019		0.10	1			6/26/2023 15:11	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041		0.20	1			6/26/2023 15:11	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052		0.20	1			6/26/2023 15:11	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11		0.40	1			6/26/2023 15:11	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018		0.10	1			6/26/2023 15:11	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013		0.10	1			6/26/2023 15:11	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40		1.5	1			6/26/2023 15:11	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016		0.10	1			6/26/2023 15:11	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045		0.20	1			6/26/2023 15:11	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.023	ug/L	0.023		0.10	1			6/26/2023 15:11	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014		0.10	1			6/26/2023 15:11	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016		0.10	1			6/26/2023 15:11	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018		0.10	1			6/26/2023 15:11	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091		0.30	1			6/26/2023 15:11	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02		0.1	1			6/26/2023 15:11	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014		0.10	1			6/26/2023 15:11	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027		0.20	1			6/26/2023 15:11	RLD	EPA 8260C
Isopropylbenzene	<0.020	ug/L	0.020		0.10	1			6/26/2023 15:11	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030		0.20	1			6/26/2023 15:11	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014		0.10	1			6/26/2023 15:11	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090		0.40	1			6/26/2023 15:11	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021		0.10	1			6/26/2023 15:11	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020		0.10	1			6/26/2023 15:11	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339917 Sample Description: MW-107-202306 License/Well #: 00467/117 Sampled: 6/20/2023 14:40

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Naphthalene	<0.025	ug/L	0.025	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
Tetrachloroethene	0.036	ug/L	0.028 *	0.20	1			6/26/2023 15:11	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			6/26/2023 15:11	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			6/26/2023 15:11	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			6/26/2023 15:11	RLD	EPA 8260C
Vinyl chloride	<0.019	ug/L	0.019	0.10	1			6/26/2023 15:11	RLD	EPA 8260C
1,2 Dichloroethane-d4	106	% Recovery	70.0	130	1			6/26/2023 15:11	RLD	EPA 8260C
Bromofluorobenzene	97.0	% Recovery	70.0	130	1			6/26/2023 15:11	RLD	EPA 8260C
d8-Toluene	101	% Recovery	70.0	130	1			6/26/2023 15:11	RLD	EPA 8260C
Dibromofluoromethane	104	% Recovery	70.0	130	1			6/26/2023 15:11	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339918 Sample Description: P-107-202306 License/Well #: 00467/118 Sampled: 6/20/2023 14:00

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			6/26/2023 15:39	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			6/26/2023 15:39	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			6/26/2023 15:39	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			6/26/2023 15:39	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			6/26/2023 15:39	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			6/26/2023 15:39	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			6/26/2023 15:39	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			6/26/2023 15:39	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			6/26/2023 15:39	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339918 Sample Description: P-107-202306 License/Well #: 00467/118 Sampled: 6/20/2023 14:00

Analyte	Result	Units	LOD		LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Acetone	1.6	ug/L	0.84	*	4.0	1	B		6/26/2023 15:39	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022		0.10	1			6/26/2023 15:39	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018		0.10	1			6/26/2023 15:39	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034		0.20	1			6/26/2023 15:39	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019		0.10	1			6/26/2023 15:39	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041		0.20	1			6/26/2023 15:39	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052		0.20	1			6/26/2023 15:39	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11		0.40	1			6/26/2023 15:39	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018		0.10	1			6/26/2023 15:39	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013		0.10	1			6/26/2023 15:39	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40		1.5	1			6/26/2023 15:39	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016		0.10	1			6/26/2023 15:39	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045		0.20	1			6/26/2023 15:39	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.25	ug/L	0.023		0.10	1			6/26/2023 15:39	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014		0.10	1			6/26/2023 15:39	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016		0.10	1			6/26/2023 15:39	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018		0.10	1			6/26/2023 15:39	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091		0.30	1			6/26/2023 15:39	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02		0.1	1			6/26/2023 15:39	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014		0.10	1			6/26/2023 15:39	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027		0.20	1			6/26/2023 15:39	RLD	EPA 8260C
Isopropylbenzene	<0.020	ug/L	0.020		0.10	1			6/26/2023 15:39	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030		0.20	1			6/26/2023 15:39	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014		0.10	1			6/26/2023 15:39	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090		0.40	1			6/26/2023 15:39	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021		0.10	1			6/26/2023 15:39	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020		0.10	1			6/26/2023 15:39	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339918 Sample Description: P-107-202306 License/Well #: 00467/118 Sampled: 6/20/2023 14:00

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Naphthalene	<0.025	ug/L	0.025	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			6/26/2023 15:39	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			6/26/2023 15:39	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
Trichloroethene	0.11	ug/L	0.022	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			6/26/2023 15:39	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			6/26/2023 15:39	RLD	EPA 8260C
Vinyl chloride	0.92	ug/L	0.019	0.10	1			6/26/2023 15:39	RLD	EPA 8260C
1,2 Dichloroethane-d4	104	% Recovery	70.0	130	1			6/26/2023 15:39	RLD	EPA 8260C
Bromofluorobenzene	98.0	% Recovery	70.0	130	1			6/26/2023 15:39	RLD	EPA 8260C
d8-Toluene	102	% Recovery	70.0	130	1			6/26/2023 15:39	RLD	EPA 8260C
Dibromofluoromethane	105	% Recovery	70.0	130	1			6/26/2023 15:39	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339919 Sample Description: P-107D-202306 License/Well #: 00467/119 Sampled: 6/21/2023 11:58

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	29	mg/L	0.80	2.5	1			6/26/2023 20:30	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			6/29/2023 12:08	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	182	ug/L	2.4	8.0	1			6/23/2023 23:11	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			6/26/2023 16:08	RLD	EPA 8260C
1,1-Dichloroethane	0.022	ug/L	0.017 *	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			6/26/2023 16:08	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			6/26/2023 16:08	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
1,2,4-Trimethylbenzene	0.016	ug/L	0.011 *	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			6/26/2023 16:08	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			6/26/2023 16:08	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			6/26/2023 16:08	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339919 Sample Description: P-107D-202306 License/Well #: 00467/119 Sampled: 6/21/2023 11:58

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			6/26/2023 16:08	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			6/26/2023 16:08	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			6/26/2023 16:08	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			6/26/2023 16:08	RLD	EPA 8260C
Acetone	1.6	ug/L	0.84 *	4.0	1	B		6/26/2023 16:08	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			6/26/2023 16:08	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1			6/26/2023 16:08	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			6/26/2023 16:08	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			6/26/2023 16:08	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
Chloroethane	1.4	ug/L	0.40 *	1.5	1			6/26/2023 16:08	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			6/26/2023 16:08	RLD	EPA 8260C
cis-1,2-Dichloroethene	1.7	ug/L	0.023	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
Dichlorodifluoromethane	0.28	ug/L	0.091 *	0.30	1			6/26/2023 16:08	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			6/26/2023 16:08	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			6/26/2023 16:08	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339919 Sample Description: P-107D-202306 License/Well #: 00467/119 Sampled: 6/21/2023 11:58

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			6/26/2023 16:08	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			6/26/2023 16:08	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			6/26/2023 16:08	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			6/26/2023 16:08	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
Trichloroethene	0.11	ug/L	0.022	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			6/26/2023 16:08	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			6/26/2023 16:08	RLD	EPA 8260C
Vinyl chloride	5.2	ug/L	0.019	0.10	1			6/26/2023 16:08	RLD	EPA 8260C
1,2 Dichloroethane-d4	105	% Recovery	70.0	130	1			6/26/2023 16:08	RLD	EPA 8260C
Bromofluorobenzene	99.0	% Recovery	70.0	130	1			6/26/2023 16:08	RLD	EPA 8260C
d8-Toluene	101	% Recovery	70.0	130	1			6/26/2023 16:08	RLD	EPA 8260C
Dibromofluoromethane	102	% Recovery	70.0	130	1			6/26/2023 16:08	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339920 Sample Description: P-111D-202306 License/Well #: 00467/130 Sampled: 6/21/2023 12:58

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	29	mg/L	4.0	13	5			6/26/2023 20:48	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			6/29/2023 12:09	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	29.6	ug/L	2.4	8.0	1			6/23/2023 23:19	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 16:36	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 16:36	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			6/26/2023 16:36	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			6/26/2023 16:36	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 16:36	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			6/26/2023 16:36	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			6/26/2023 16:36	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			6/26/2023 16:36	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			6/26/2023 16:36	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 16:36	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			6/26/2023 16:36	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			6/26/2023 16:36	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			6/26/2023 16:36	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			6/26/2023 16:36	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 16:36	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			6/26/2023 16:36	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 16:36	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 16:36	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			6/26/2023 16:36	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			6/26/2023 16:36	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339920 Sample Description: P-111D-202306 License/Well #: 00467/130 Sampled: 6/21/2023 12:58

Analyte	Result	Units	LOD		LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time		Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075		0.30	1			6/26/2023	16:36	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31		2.0	1			6/26/2023	16:36	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020		0.10	1			6/26/2023	16:36	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15		1.0	1			6/26/2023	16:36	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013		0.10	1			6/26/2023	16:36	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19		1.0	1			6/26/2023	16:36	RLD	EPA 8260C
Acetone	1.7	ug/L	0.84	*	4.0	1	B		6/26/2023	16:36	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022		0.10	1			6/26/2023	16:36	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018		0.10	1			6/26/2023	16:36	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034		0.20	1			6/26/2023	16:36	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019		0.10	1			6/26/2023	16:36	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041		0.20	1			6/26/2023	16:36	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052		0.20	1			6/26/2023	16:36	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11		0.40	1			6/26/2023	16:36	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018		0.10	1			6/26/2023	16:36	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013		0.10	1			6/26/2023	16:36	RLD	EPA 8260C
Chloroethane	0.74	ug/L	0.40	*	1.5	1			6/26/2023	16:36	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016		0.10	1			6/26/2023	16:36	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045		0.20	1			6/26/2023	16:36	RLD	EPA 8260C
cis-1,2-Dichloroethene	3.2	ug/L	0.023		0.10	1			6/26/2023	16:36	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014		0.10	1			6/26/2023	16:36	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016		0.10	1			6/26/2023	16:36	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018		0.10	1			6/26/2023	16:36	RLD	EPA 8260C
Dichlorodifluoromethane	0.27	ug/L	0.091	*	0.30	1			6/26/2023	16:36	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02		0.1	1			6/26/2023	16:36	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014		0.10	1			6/26/2023	16:36	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027		0.20	1			6/26/2023	16:36	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339920 Sample Description: P-111D-202306 License/Well #: 00467/130 Sampled: 6/21/2023 12:58

Analyte	Result	Units	LOD		LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020		0.10	1			6/26/2023 16:36	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030		0.20	1			6/26/2023 16:36	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014		0.10	1			6/26/2023 16:36	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090		0.40	1			6/26/2023 16:36	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021		0.10	1			6/26/2023 16:36	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020		0.10	1			6/26/2023 16:36	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025		0.10	1			6/26/2023 16:36	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016		0.10	1			6/26/2023 16:36	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016		0.10	1			6/26/2023 16:36	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021		0.10	1			6/26/2023 16:36	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014		0.10	1			6/26/2023 16:36	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020		0.10	1			6/26/2023 16:36	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028		0.20	1			6/26/2023 16:36	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38		2.0	1			6/26/2023 16:36	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020		0.10	1			6/26/2023 16:36	RLD	EPA 8260C
trans-1,2-Dichloroethene	0.048	ug/L	0.020	*	0.10	1			6/26/2023 16:36	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020		0.10	1			6/26/2023 16:36	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022		0.10	1			6/26/2023 16:36	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033		0.20	1			6/26/2023 16:36	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14		1.0	1			6/26/2023 16:36	RLD	EPA 8260C
Vinyl chloride	3.2	ug/L	0.019		0.10	1			6/26/2023 16:36	RLD	EPA 8260C
1,2 Dichloroethane-d4	103	% Recovery	70.0		130	1			6/26/2023 16:36	RLD	EPA 8260C
Bromofluorobenzene	98.0	% Recovery	70.0		130	1			6/26/2023 16:36	RLD	EPA 8260C
d8-Toluene	100	% Recovery	70.0		130	1			6/26/2023 16:36	RLD	EPA 8260C
Dibromofluoromethane	106	% Recovery	70.0		130	1			6/26/2023 16:36	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339921 Sample Description: MW-112-202306 License/Well #: 00467/121 Sampled: 6/21/2023 10:45

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	52	mg/L	4.0	13	5			6/26/2023 21:05	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	0.47	mg/L	0.05	0.2	1			6/29/2023 12:10	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	303	ug/L	2.4	8.0	1			6/23/2023 23:26	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			6/26/2023 17:05	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			6/26/2023 17:05	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			6/26/2023 17:05	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			6/26/2023 17:05	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			6/26/2023 17:05	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			6/26/2023 17:05	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339921 Sample Description: MW-112-202306 License/Well #: 00467/121 Sampled: 6/21/2023 10:45

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			6/26/2023 17:05	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			6/26/2023 17:05	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			6/26/2023 17:05	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			6/26/2023 17:05	RLD	EPA 8260C
Acetone	1.9	ug/L	0.84 *	4.0	1	B		6/26/2023 17:05	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			6/26/2023 17:05	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1			6/26/2023 17:05	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			6/26/2023 17:05	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			6/26/2023 17:05	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
Chlorobenzene	0.081	ug/L	0.013 *	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			6/26/2023 17:05	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			6/26/2023 17:05	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.065	ug/L	0.023 *	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			6/26/2023 17:05	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			6/26/2023 17:05	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			6/26/2023 17:05	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339921 Sample Description: MW-112-202306 License/Well #: 00467/121 Sampled: 6/21/2023 10:45

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			6/26/2023 17:05	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			6/26/2023 17:05	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
Tetrachloroethene	0.10	ug/L	0.028 *	0.20	1			6/26/2023 17:05	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			6/26/2023 17:05	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
Trichloroethene	0.34	ug/L	0.022	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			6/26/2023 17:05	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			6/26/2023 17:05	RLD	EPA 8260C
Vinyl chloride	<0.019	ug/L	0.019	0.10	1			6/26/2023 17:05	RLD	EPA 8260C
1,2 Dichloroethane-d4	103	% Recovery	70.0	130	1			6/26/2023 17:05	RLD	EPA 8260C
Bromofluorobenzene	100	% Recovery	70.0	130	1			6/26/2023 17:05	RLD	EPA 8260C
d8-Toluene	100	% Recovery	70.0	130	1			6/26/2023 17:05	RLD	EPA 8260C
Dibromofluoromethane	105	% Recovery	70.0	130	1			6/26/2023 17:05	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339922 Sample Description: P-113A-202306 License/Well #: 00467/136 Sampled: 6/21/2023 12:31

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	11	mg/L	0.80	2.5	1			6/26/2023 21:23	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			6/29/2023 12:12	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	7.4	ug/L	2.4 *	8.0	1			6/23/2023 23:54	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			6/26/2023 17:33	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			6/26/2023 17:33	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			6/26/2023 17:33	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			6/26/2023 17:33	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			6/26/2023 17:33	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			6/26/2023 17:33	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339922 Sample Description: P-113A-202306 License/Well #: 00467/136 Sampled: 6/21/2023 12:31

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			6/26/2023 17:33	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			6/26/2023 17:33	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			6/26/2023 17:33	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			6/26/2023 17:33	RLD	EPA 8260C
Acetone	1.5	ug/L	0.84 *	4.0	1	B		6/26/2023 17:33	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			6/26/2023 17:33	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1			6/26/2023 17:33	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			6/26/2023 17:33	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			6/26/2023 17:33	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			6/26/2023 17:33	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			6/26/2023 17:33	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.023	ug/L	0.023	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			6/26/2023 17:33	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			6/26/2023 17:33	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			6/26/2023 17:33	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339922 Sample Description: P-113A-202306 License/Well #: 00467/136 Sampled: 6/21/2023 12:31

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			6/26/2023 17:33	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			6/26/2023 17:33	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			6/26/2023 17:33	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			6/26/2023 17:33	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			6/26/2023 17:33	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			6/26/2023 17:33	RLD	EPA 8260C
Vinyl chloride	<0.019	ug/L	0.019	0.10	1			6/26/2023 17:33	RLD	EPA 8260C
1,2 Dichloroethane-d4	107	% Recovery	70.0	130	1			6/26/2023 17:33	RLD	EPA 8260C
Bromofluorobenzene	99.0	% Recovery	70.0	130	1			6/26/2023 17:33	RLD	EPA 8260C
d8-Toluene	101	% Recovery	70.0	130	1			6/26/2023 17:33	RLD	EPA 8260C
Dibromofluoromethane	103	% Recovery	70.0	130	1			6/26/2023 17:33	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339923 Sample Description: P-113B-202306 License/Well #: 00467/138 Sampled: 6/21/2023 13:12

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	74	mg/L	4.0	13	5			6/26/2023 22:34	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			6/29/2023 12:14	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	36.3	ug/L	2.4	8.0	1			6/24/2023 00:02	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			6/26/2023 18:01	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			6/26/2023 18:01	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			6/26/2023 18:01	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			6/26/2023 18:01	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			6/26/2023 18:01	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			6/26/2023 18:01	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339923 Sample Description: P-113B-202306 License/Well #: 00467/138 Sampled: 6/21/2023 13:12

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			6/26/2023 18:01	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			6/26/2023 18:01	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			6/26/2023 18:01	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			6/26/2023 18:01	RLD	EPA 8260C
Acetone	1.5	ug/L	0.84 *	4.0	1	B		6/26/2023 18:01	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			6/26/2023 18:01	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1			6/26/2023 18:01	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			6/26/2023 18:01	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			6/26/2023 18:01	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			6/26/2023 18:01	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			6/26/2023 18:01	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.023	ug/L	0.023	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			6/26/2023 18:01	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			6/26/2023 18:01	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			6/26/2023 18:01	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339923 Sample Description: P-113B-202306 License/Well #: 00467/138 Sampled: 6/21/2023 13:12

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			6/26/2023 18:01	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			6/26/2023 18:01	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			6/26/2023 18:01	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			6/26/2023 18:01	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			6/26/2023 18:01	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			6/26/2023 18:01	RLD	EPA 8260C
Vinyl chloride	<0.019	ug/L	0.019	0.10	1			6/26/2023 18:01	RLD	EPA 8260C
1,2 Dichloroethane-d4	106	% Recovery	70.0	130	1			6/26/2023 18:01	RLD	EPA 8260C
Bromofluorobenzene	96.0	% Recovery	70.0	130	1			6/26/2023 18:01	RLD	EPA 8260C
d8-Toluene	102	% Recovery	70.0	130	1			6/26/2023 18:01	RLD	EPA 8260C
Dibromofluoromethane	106	% Recovery	70.0	130	1			6/26/2023 18:01	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339924 Sample Description: P-114-202306 License/Well #: 00467/140 Sampled: 6/22/2023 11:53

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	56	mg/L	4.0	13	5			6/26/2023 22:52	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			6/29/2023 12:18	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	64.6	ug/L	2.4	8.0	1			6/24/2023 00:09	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			6/26/2023 18:29	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			6/26/2023 18:29	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			6/26/2023 18:29	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			6/26/2023 18:29	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			6/26/2023 18:29	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			6/26/2023 18:29	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339924 Sample Description: P-114-202306 License/Well #: 00467/140 Sampled: 6/22/2023 11:53

Analyte	Result	Units	LOD		LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075		0.30	1			6/26/2023 18:29	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31		2.0	1			6/26/2023 18:29	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020		0.10	1			6/26/2023 18:29	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15		1.0	1			6/26/2023 18:29	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013		0.10	1			6/26/2023 18:29	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19		1.0	1			6/26/2023 18:29	RLD	EPA 8260C
Acetone	1.6	ug/L	0.84	*	4.0	1	B		6/26/2023 18:29	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022		0.10	1			6/26/2023 18:29	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018		0.10	1			6/26/2023 18:29	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034		0.20	1			6/26/2023 18:29	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019		0.10	1			6/26/2023 18:29	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041		0.20	1			6/26/2023 18:29	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052		0.20	1			6/26/2023 18:29	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11		0.40	1			6/26/2023 18:29	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018		0.10	1			6/26/2023 18:29	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013		0.10	1			6/26/2023 18:29	RLD	EPA 8260C
Chloroethane	0.40	ug/L	0.40	*	1.5	1			6/26/2023 18:29	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016		0.10	1			6/26/2023 18:29	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045		0.20	1			6/26/2023 18:29	RLD	EPA 8260C
cis-1,2-Dichloroethene	1.9	ug/L	0.023		0.10	1			6/26/2023 18:29	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014		0.10	1			6/26/2023 18:29	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016		0.10	1			6/26/2023 18:29	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018		0.10	1			6/26/2023 18:29	RLD	EPA 8260C
Dichlorodifluoromethane	0.28	ug/L	0.091	*	0.30	1			6/26/2023 18:29	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02		0.1	1			6/26/2023 18:29	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014		0.10	1			6/26/2023 18:29	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027		0.20	1			6/26/2023 18:29	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339924 Sample Description: P-114-202306 License/Well #: 00467/140 Sampled: 6/22/2023 11:53

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			6/26/2023 18:29	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			6/26/2023 18:29	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			6/26/2023 18:29	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			6/26/2023 18:29	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			6/26/2023 18:29	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			6/26/2023 18:29	RLD	EPA 8260C
Vinyl chloride	7.8	ug/L	0.019	0.10	1			6/26/2023 18:29	RLD	EPA 8260C
1,2 Dichloroethane-d4	101	% Recovery	70.0	130	1			6/26/2023 18:29	RLD	EPA 8260C
Bromofluorobenzene	100	% Recovery	70.0	130	1			6/26/2023 18:29	RLD	EPA 8260C
d8-Toluene	101	% Recovery	70.0	130	1			6/26/2023 18:29	RLD	EPA 8260C
Dibromofluoromethane	103	% Recovery	70.0	130	1			6/26/2023 18:29	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339925 Sample Description: P-115-202306 License/Well #: 00467/142 Sampled: 6/22/2023 13:26

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	35	mg/L	0.80	2.5	1			6/26/2023 23:09	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			6/29/2023 12:24	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	112	ug/L	2.4	8.0	1			6/24/2023 00:16	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			6/26/2023 18:58	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			6/26/2023 18:58	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			6/26/2023 18:58	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			6/26/2023 18:58	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			6/26/2023 18:58	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			6/26/2023 18:58	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339925 Sample Description: P-115-202306 License/Well #: 00467/142 Sampled: 6/22/2023 13:26

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			6/26/2023 18:58	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			6/26/2023 18:58	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			6/26/2023 18:58	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			6/26/2023 18:58	RLD	EPA 8260C
Acetone	1.6	ug/L	0.84 *	4.0	1	B		6/26/2023 18:58	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			6/26/2023 18:58	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1			6/26/2023 18:58	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			6/26/2023 18:58	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			6/26/2023 18:58	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			6/26/2023 18:58	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			6/26/2023 18:58	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.20	ug/L	0.023	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			6/26/2023 18:58	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			6/26/2023 18:58	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			6/26/2023 18:58	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339925 Sample Description: P-115-202306 License/Well #: 00467/142 Sampled: 6/22/2023 13:26

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			6/26/2023 18:58	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			6/26/2023 18:58	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			6/26/2023 18:58	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			6/26/2023 18:58	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			6/26/2023 18:58	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			6/26/2023 18:58	RLD	EPA 8260C
Vinyl chloride	0.37	ug/L	0.019	0.10	1			6/26/2023 18:58	RLD	EPA 8260C
1,2 Dichloroethane-d4	106	% Recovery	70.0	130	1			6/26/2023 18:58	RLD	EPA 8260C
Bromofluorobenzene	100	% Recovery	70.0	130	1			6/26/2023 18:58	RLD	EPA 8260C
d8-Toluene	101	% Recovery	70.0	130	1			6/26/2023 18:58	RLD	EPA 8260C
Dibromofluoromethane	103	% Recovery	70.0	130	1			6/26/2023 18:58	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339926 Sample Description: P-116-202306 License/Well #: 00467/143 Sampled: 6/22/2023 10:45

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	13	mg/L	0.80	2.5	1			6/26/2023 23:27	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			6/29/2023 12:27	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	77.0	ug/L	2.4	8.0	1			6/24/2023 00:24	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			6/26/2023 19:27	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			6/26/2023 19:27	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			6/26/2023 19:27	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			6/26/2023 19:27	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			6/26/2023 19:27	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			6/26/2023 19:27	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339926 Sample Description: P-116-202306 License/Well #: 00467/143 Sampled: 6/22/2023 10:45

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			6/26/2023 19:27	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			6/26/2023 19:27	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			6/26/2023 19:27	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			6/26/2023 19:27	RLD	EPA 8260C
Acetone	1.6	ug/L	0.84 *	4.0	1	B		6/26/2023 19:27	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			6/26/2023 19:27	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1			6/26/2023 19:27	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			6/26/2023 19:27	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			6/26/2023 19:27	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			6/26/2023 19:27	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			6/26/2023 19:27	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.023	ug/L	0.023	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			6/26/2023 19:27	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			6/26/2023 19:27	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			6/26/2023 19:27	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339926 Sample Description: P-116-202306 License/Well #: 00467/143 Sampled: 6/22/2023 10:45

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			6/26/2023 19:27	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			6/26/2023 19:27	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			6/26/2023 19:27	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			6/26/2023 19:27	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			6/26/2023 19:27	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			6/26/2023 19:27	RLD	EPA 8260C
Vinyl chloride	<0.019	ug/L	0.019	0.10	1			6/26/2023 19:27	RLD	EPA 8260C
1,2 Dichloroethane-d4	109	% Recovery	70.0	130	1			6/26/2023 19:27	RLD	EPA 8260C
Bromofluorobenzene	98.0	% Recovery	70.0	130	1			6/26/2023 19:27	RLD	EPA 8260C
d8-Toluene	101	% Recovery	70.0	130	1			6/26/2023 19:27	RLD	EPA 8260C
Dibromofluoromethane	105	% Recovery	70.0	130	1			6/26/2023 19:27	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339927 Sample Description: P-117-202306 License/Well #: 00467/144 Sampled: 6/21/2023 15:09

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	55	mg/L	4.0	13	5			6/26/2023 23:45	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			6/29/2023 12:29	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	199	ug/L	2.4	8.0	1			6/24/2023 00:31	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			6/26/2023 19:55	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			6/26/2023 19:55	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			6/26/2023 19:55	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			6/26/2023 19:55	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			6/26/2023 19:55	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			6/26/2023 19:55	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339927 Sample Description: P-117-202306 License/Well #: 00467/144 Sampled: 6/21/2023 15:09

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			6/26/2023 19:55	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			6/26/2023 19:55	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			6/26/2023 19:55	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			6/26/2023 19:55	RLD	EPA 8260C
Acetone	1.5	ug/L	0.84 *	4.0	1	B		6/26/2023 19:55	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			6/26/2023 19:55	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1			6/26/2023 19:55	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			6/26/2023 19:55	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			6/26/2023 19:55	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			6/26/2023 19:55	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			6/26/2023 19:55	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.65	ug/L	0.023	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			6/26/2023 19:55	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			6/26/2023 19:55	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			6/26/2023 19:55	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339927 Sample Description: P-117-202306 License/Well #: 00467/144 Sampled: 6/21/2023 15:09

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			6/26/2023 19:55	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			6/26/2023 19:55	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			6/26/2023 19:55	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			6/26/2023 19:55	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
Trichloroethene	0.057	ug/L	0.022 *	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			6/26/2023 19:55	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			6/26/2023 19:55	RLD	EPA 8260C
Vinyl chloride	1.1	ug/L	0.019	0.10	1			6/26/2023 19:55	RLD	EPA 8260C
1,2 Dichloroethane-d4	104	% Recovery	70.0	130	1			6/26/2023 19:55	RLD	EPA 8260C
Bromofluorobenzene	98.0	% Recovery	70.0	130	1			6/26/2023 19:55	RLD	EPA 8260C
d8-Toluene	101	% Recovery	70.0	130	1			6/26/2023 19:55	RLD	EPA 8260C
Dibromofluoromethane	103	% Recovery	70.0	130	1			6/26/2023 19:55	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339928 Sample Description: P-118-202306 License/Well #: 00467/145 Sampled: 6/21/2023 14:22

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	28	mg/L	0.80	2.5	1			6/27/2023 00:03	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			6/29/2023 12:30	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	48.8	ug/L	2.4	8.0	1			6/24/2023 00:39	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			6/27/2023 13:27	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			6/27/2023 13:27	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			6/27/2023 13:27	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			6/27/2023 13:27	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			6/27/2023 13:27	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			6/27/2023 13:27	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339928 Sample Description: P-118-202306 License/Well #: 00467/145 Sampled: 6/21/2023 14:22

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			6/27/2023 13:27	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			6/27/2023 13:27	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			6/27/2023 13:27	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			6/27/2023 13:27	RLD	EPA 8260C
Acetone	1.7	ug/L	0.84 *	4.0	1			6/27/2023 13:27	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			6/27/2023 13:27	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1			6/27/2023 13:27	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			6/27/2023 13:27	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			6/27/2023 13:27	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			6/27/2023 13:27	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			6/27/2023 13:27	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.023	ug/L	0.023	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			6/27/2023 13:27	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			6/27/2023 13:27	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			6/27/2023 13:27	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339928 Sample Description: P-118-202306 License/Well #: 00467/145 Sampled: 6/21/2023 14:22

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			6/27/2023 13:27	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			6/27/2023 13:27	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			6/27/2023 13:27	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			6/27/2023 13:27	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			6/27/2023 13:27	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			6/27/2023 13:27	RLD	EPA 8260C
Vinyl chloride	0.19	ug/L	0.019	0.10	1			6/27/2023 13:27	RLD	EPA 8260C
1,2 Dichloroethane-d4	104	% Recovery	70.0	130	1			6/27/2023 13:27	RLD	EPA 8260C
Bromofluorobenzene	99.0	% Recovery	70.0	130	1			6/27/2023 13:27	RLD	EPA 8260C
d8-Toluene	103	% Recovery	70.0	130	1			6/27/2023 13:27	RLD	EPA 8260C
Dibromofluoromethane	103	% Recovery	70.0	130	1			6/27/2023 13:27	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339929 Sample Description: DUP-01-202306 License #:00467 Sampled: 6/21/2023

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	57	mg/L	0.80	2.5	1			6/27/2023 00:20	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			6/29/2023 12:31	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	90.3	ug/L	2.4	8.0	1			6/24/2023 00:46	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			6/27/2023 15:55	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			6/27/2023 15:55	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			6/27/2023 15:55	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			6/27/2023 15:55	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			6/27/2023 15:55	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			6/27/2023 15:55	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339929 Sample Description: DUP-01-202306 License #:00467 Sampled: 6/21/2023

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			6/27/2023 15:55	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			6/27/2023 15:55	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			6/27/2023 15:55	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			6/27/2023 15:55	RLD	EPA 8260C
Acetone	1.6	ug/L	0.84 *	4.0	1	B		6/27/2023 15:55	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			6/27/2023 15:55	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1			6/27/2023 15:55	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			6/27/2023 15:55	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			6/27/2023 15:55	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			6/27/2023 15:55	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			6/27/2023 15:55	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.023	ug/L	0.023	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			6/27/2023 15:55	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			6/27/2023 15:55	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			6/27/2023 15:55	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339929 Sample Description: DUP-01-202306 License #:00467 Sampled: 6/21/2023

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			6/27/2023 15:55	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			6/27/2023 15:55	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			6/27/2023 15:55	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			6/27/2023 15:55	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			6/27/2023 15:55	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			6/27/2023 15:55	RLD	EPA 8260C
Vinyl chloride	0.069	ug/L	0.019 *	0.10	1			6/27/2023 15:55	RLD	EPA 8260C
1,2 Dichloroethane-d4	105	% Recovery	70.0	130	1			6/27/2023 15:55	RLD	EPA 8260C
Bromofluorobenzene	99.0	% Recovery	70.0	130	1			6/27/2023 15:55	RLD	EPA 8260C
d8-Toluene	102	% Recovery	70.0	130	1			6/27/2023 15:55	RLD	EPA 8260C
Dibromofluoromethane	104	% Recovery	70.0	130	1			6/27/2023 15:55	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339932 Sample Description: LC-1-202306 License/Well #: 00467/301 Sampled: 6/21/2023 13:21

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Qualifiers applying to all Analytes of Method EPA 8260C: T,V										
1,1,1,2-Tetrachloroethane	<1.7	ug/L	1.7	6.0	5			6/30/2023 13:59	DGS	EPA 8260C
1,1,1-Trichloroethane	<1.9	ug/L	1.9	6.5	5			6/30/2023 13:59	DGS	EPA 8260C
1,1,2,2-Tetrachloroethane	<1.8	ug/L	1.8	6.0	5			6/30/2023 13:59	DGS	EPA 8260C
1,1,2-Trichloroethane	<1.4	ug/L	1.4	5.0	5			6/30/2023 13:59	DGS	EPA 8260C
1,1-Dichloroethane	<1.4	ug/L	1.4	5.0	5			6/30/2023 13:59	DGS	EPA 8260C
1,1-Dichloroethene	<2.5	ug/L	2.5	8.5	5			6/30/2023 13:59	DGS	EPA 8260C
1,1-Dichloropropene	<2.1	ug/L	2.1	7.0	5			6/30/2023 13:59	DGS	EPA 8260C
1,2,3-Trichlorobenzene	<2.2	ug/L	2.2	7.5	5			6/30/2023 13:59	DGS	EPA 8260C
1,2,3-Trichloropropane	<1.8	ug/L	1.8	6.0	5			6/30/2023 13:59	DGS	EPA 8260C
1,2,4-Trichlorobenzene	<2.5	ug/L	2.5	8.5	5			6/30/2023 13:59	DGS	EPA 8260C
1,2,4-Trimethylbenzene	11	ug/L	1.7	6.0	5			6/30/2023 13:59	DGS	EPA 8260C
1,2-Dibromo-3-chloropropane	<2.5	ug/L	2.5	8.5	5			6/30/2023 13:59	DGS	EPA 8260C
1,2-Dibromoethane	<1.7	ug/L	1.7	5.5	5			6/30/2023 13:59	DGS	EPA 8260C
1,2-Dichlorobenzene	<1.8	ug/L	1.8	6.0	5			6/30/2023 13:59	DGS	EPA 8260C
1,2-Dichloroethane	<3.5	ug/L	3.5	12	5			6/30/2023 13:59	DGS	EPA 8260C
1,2-Dichloropropane	<1.9	ug/L	1.9	6.5	5			6/30/2023 13:59	DGS	EPA 8260C
1,3,5-Trimethylbenzene	3.5	ug/L	1.5 *	5.0	5			6/30/2023 13:59	DGS	EPA 8260C
1,3-Dichlorobenzene	<1.5	ug/L	1.5	5.0	5			6/30/2023 13:59	DGS	EPA 8260C
1,3-Dichloropropane	<1.4	ug/L	1.4	5.0	5			6/30/2023 13:59	DGS	EPA 8260C
1,4-Dichlorobenzene	<1.7	ug/L	1.7	5.5	5			6/30/2023 13:59	DGS	EPA 8260C
2,2-Dichloropropane	<1.6	ug/L	1.6	5.5	5	Y		6/30/2023 13:59	DGS	EPA 8260C
2-Butanone	<15	ug/L	15	50	5			6/30/2023 13:59	DGS	EPA 8260C
2-Chlorotoluene	<1.6	ug/L	1.6	5.5	5			6/30/2023 13:59	DGS	EPA 8260C
2-Hexanone	<17	ug/L	17	55	5			6/30/2023 13:59	DGS	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339932 Sample Description: LC-1-202306 License/Well #: 00467/301 Sampled: 6/21/2023 13:21

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Qualifiers applying to all Analytes of Method EPA 8260C: T,V										
4-Chlorotoluene	<1.6	ug/L	1.6	5.5	5			6/30/2023 13:59	DGS	EPA 8260C
4-Methyl-2-pentanone	<19	ug/L	19	65	5			6/30/2023 13:59	DGS	EPA 8260C
Acetone	29	ug/L	21 *	70	5	Q,Y,Z		6/30/2023 13:59	DGS	EPA 8260C
Benzene	3.2	ug/L	2.4 *	8.0	5			6/30/2023 13:59	DGS	EPA 8260C
Bromobenzene	<1.7	ug/L	1.7	5.5	5			6/30/2023 13:59	DGS	EPA 8260C
Bromochloromethane	<1.3	ug/L	1.3	5.0	5			6/30/2023 13:59	DGS	EPA 8260C
Bromodichloromethane	<3.8	ug/L	3.8	13	5			6/30/2023 13:59	DGS	EPA 8260C
Bromoform	<2.5	ug/L	2.5	8.5	5			6/30/2023 13:59	DGS	EPA 8260C
Bromomethane	<3.6	ug/L	3.6	12	5	Q		6/30/2023 13:59	DGS	EPA 8260C
Carbon disulfide	<4.2	ug/L	4.2	14	5			6/30/2023 13:59	DGS	EPA 8260C
Carbon tetrachloride	<1.9	ug/L	1.9	6.5	5			6/30/2023 13:59	DGS	EPA 8260C
Chlorobenzene	2.7	ug/L	1.9 *	6.5	5			6/30/2023 13:59	DGS	EPA 8260C
Chloroethane	<5.5	ug/L	5.5	19	5			6/30/2023 13:59	DGS	EPA 8260C
Chloroform	<2.3	ug/L	2.3	8.0	5			6/30/2023 13:59	DGS	EPA 8260C
Chloromethane	<6.5	ug/L	6.5	22	5			6/30/2023 13:59	DGS	EPA 8260C
cis-1,2-Dichloroethene	<2.1	ug/L	2.1	7.0	5			6/30/2023 13:59	DGS	EPA 8260C
cis-1,3-Dichloropropene	<1.7	ug/L	1.7	6.0	5			6/30/2023 13:59	DGS	EPA 8260C
Dibromochloromethane	<1.8	ug/L	1.8	6.0	5			6/30/2023 13:59	DGS	EPA 8260C
Dibromomethane	<2.3	ug/L	2.3	7.5	5			6/30/2023 13:59	DGS	EPA 8260C
Dichlorodifluoromethane	<3.2	ug/L	3.2	11	5			6/30/2023 13:59	DGS	EPA 8260C
Diisopropyl ether	<1.3	ug/L	1.3	5.0	5			6/30/2023 13:59	DGS	EPA 8260C
Ethylbenzene	<2.1	ug/L	2.1	7.0	5			6/30/2023 13:59	DGS	EPA 8260C
Hexachlorobutadiene	<2.9	ug/L	2.9	9.5	5			6/30/2023 13:59	DGS	EPA 8260C
Isopropylbenzene	<2.0	ug/L	2.0	6.5	5			6/30/2023 13:59	DGS	EPA 8260C
m & p-Xylene	52	ug/L	3.7	13	5			6/30/2023 13:59	DGS	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339932 Sample Description: LC-1-202306 License/Well #: 00467/301 Sampled: 6/21/2023 13:21

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Qualifiers applying to all Analytes of Method EPA 8260C: T,V										
Methyl tert-butyl ether	<1.4	ug/L	1.4	5.0	5			6/30/2023 13:59	DGS	EPA 8260C
Methylene chloride	<6.0	ug/L	6.0	20	5			6/30/2023 13:59	DGS	EPA 8260C
n-Butylbenzene	<1.7	ug/L	1.7	6.0	5			6/30/2023 13:59	DGS	EPA 8260C
n-Propylbenzene	<1.7	ug/L	1.7	6.0	5			6/30/2023 13:59	DGS	EPA 8260C
Naphthalene	7.6	ug/L	1.8	6.0	5			6/30/2023 13:59	DGS	EPA 8260C
o-Xylene	<3.6	ug/L	3.6	12	5			6/30/2023 13:59	DGS	EPA 8260C
p-Isopropyltoluene	<1.5	ug/L	1.5	5.0	5			6/30/2023 13:59	DGS	EPA 8260C
sec-Butylbenzene	<1.7	ug/L	1.7	5.5	5			6/30/2023 13:59	DGS	EPA 8260C
Styrene	<1.7	ug/L	1.7	5.5	5			6/30/2023 13:59	DGS	EPA 8260C
tert-Butylbenzene	<1.4	ug/L	1.4	5.0	5			6/30/2023 13:59	DGS	EPA 8260C
Tetrachloroethene	<2.8	ug/L	2.8	9.5	5			6/30/2023 13:59	DGS	EPA 8260C
Tetrahydrofuran	180	ug/L	17	60	5	Z		6/30/2023 13:59	DGS	EPA 8260C
Toluene	1.7	ug/L	1.4 *	5.0	5			6/30/2023 13:59	DGS	EPA 8260C
trans-1,2-Dichloroethene	<1.8	ug/L	1.8	6.0	5			6/30/2023 13:59	DGS	EPA 8260C
trans-1,3-Dichloropropene	<2.9	ug/L	2.9	10	5			6/30/2023 13:59	DGS	EPA 8260C
Trichloroethene	<2.0	ug/L	2.0	6.5	5			6/30/2023 13:59	DGS	EPA 8260C
Trichlorofluoromethane	<2.1	ug/L	2.1	7.0	5			6/30/2023 13:59	DGS	EPA 8260C
Vinyl acetate	<32	ug/L	32	110	5			6/30/2023 13:59	DGS	EPA 8260C
Vinyl chloride	<0.75	ug/L	0.75	2.5	5			6/30/2023 13:59	DGS	EPA 8260C
1,2 Dichloroethane-d4	102	% Recovery	89.0	111	1			6/30/2023 13:59	DGS	EPA 8260C
Bromofluorobenzene	100	% Recovery	83.0	111	1			6/30/2023 13:59	DGS	EPA 8260C
d8-Toluene	101	% Recovery	93.0	107	1			6/30/2023 13:59	DGS	EPA 8260C
Dibromofluoromethane	101	% Recovery	90.0	110	1			6/30/2023 13:59	DGS	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339933 Sample Description: LC-2-202306 License/Well #: 00467/302 Sampled: 6/21/2023 13:05

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
Qualifiers applying to all Analytes of Method EPA 8260C: T										
1,1,1,2-Tetrachloroethane	<3.4	ug/L	3.4	12	10			6/30/2023 14:58	DGS	EPA 8260C
1,1,1-Trichloroethane	<3.8	ug/L	3.8	13	10			6/30/2023 14:58	DGS	EPA 8260C
1,1,2,2-Tetrachloroethane	<3.6	ug/L	3.6	12	10			6/30/2023 14:58	DGS	EPA 8260C
1,1,2-Trichloroethane	<2.7	ug/L	2.7	10	10			6/30/2023 14:58	DGS	EPA 8260C
1,1-Dichloroethane	<2.8	ug/L	2.8	10	10			6/30/2023 14:58	DGS	EPA 8260C
1,1-Dichloroethene	<4.9	ug/L	4.9	17	10			6/30/2023 14:58	DGS	EPA 8260C
1,1-Dichloropropene	<4.1	ug/L	4.1	14	10			6/30/2023 14:58	DGS	EPA 8260C
1,2,3-Trichlorobenzene	<4.3	ug/L	4.3	15	10			6/30/2023 14:58	DGS	EPA 8260C
1,2,3-Trichloropropane	<3.5	ug/L	3.5	12	10			6/30/2023 14:58	DGS	EPA 8260C
1,2,4-Trichlorobenzene	<5.0	ug/L	5.0	17	10			6/30/2023 14:58	DGS	EPA 8260C
1,2,4-Trimethylbenzene	28	ug/L	3.4	12	10			6/30/2023 14:58	DGS	EPA 8260C
1,2-Dibromo-3-chloropropane	<4.9	ug/L	4.9	17	10			6/30/2023 14:58	DGS	EPA 8260C
1,2-Dibromoethane	<3.3	ug/L	3.3	11	10			6/30/2023 14:58	DGS	EPA 8260C
1,2-Dichlorobenzene	<3.6	ug/L	3.6	12	10			6/30/2023 14:58	DGS	EPA 8260C
1,2-Dichloroethane	<6.9	ug/L	6.9	23	10			6/30/2023 14:58	DGS	EPA 8260C
1,2-Dichloropropane	<3.7	ug/L	3.7	13	10			6/30/2023 14:58	DGS	EPA 8260C
1,3,5-Trimethylbenzene	<3.0	ug/L	3.0	10	10			6/30/2023 14:58	DGS	EPA 8260C
1,3-Dichlorobenzene	<3.0	ug/L	3.0	10	10			6/30/2023 14:58	DGS	EPA 8260C
1,3-Dichloropropane	<2.8	ug/L	2.8	10	10			6/30/2023 14:58	DGS	EPA 8260C
1,4-Dichlorobenzene	8.2	ug/L	3.3 *	11	10			6/30/2023 14:58	DGS	EPA 8260C
2,2-Dichloropropane	<3.1	ug/L	3.1	11	10	Y		6/30/2023 14:58	DGS	EPA 8260C
2-Butanone	<29	ug/L	29	100	10			6/30/2023 14:58	DGS	EPA 8260C
2-Chlorotoluene	<3.1	ug/L	3.1	11	10			6/30/2023 14:58	DGS	EPA 8260C
2-Hexanone	<33	ug/L	33	110	10			6/30/2023 14:58	DGS	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339933 Sample Description: LC-2-202306 License/Well #: 00467/302 Sampled: 6/21/2023 13:05

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Qualifiers applying to all Analytes of Method EPA 8260C: T										
4-Chlorotoluene	<3.1	ug/L	3.1	11	10			6/30/2023 14:58	DGS	EPA 8260C
4-Methyl-2-pentanone	<37	ug/L	37	130	10			6/30/2023 14:58	DGS	EPA 8260C
Acetone	<41	ug/L	41	140	10	Y		6/30/2023 14:58	DGS	EPA 8260C
Benzene	<4.7	ug/L	4.7	16	10			6/30/2023 14:58	DGS	EPA 8260C
Bromobenzene	<3.3	ug/L	3.3	11	10			6/30/2023 14:58	DGS	EPA 8260C
Bromochloromethane	<2.6	ug/L	2.6	10	10			6/30/2023 14:58	DGS	EPA 8260C
Bromodichloromethane	<7.6	ug/L	7.6	26	10			6/30/2023 14:58	DGS	EPA 8260C
Bromoform	<5.0	ug/L	5.0	17	10			6/30/2023 14:58	DGS	EPA 8260C
Bromomethane	<7.2	ug/L	7.2	24	10	Q		6/30/2023 14:58	DGS	EPA 8260C
Carbon disulfide	<8.3	ug/L	8.3	28	10			6/30/2023 14:58	DGS	EPA 8260C
Carbon tetrachloride	<3.7	ug/L	3.7	13	10			6/30/2023 14:58	DGS	EPA 8260C
Chlorobenzene	110	ug/L	3.7	13	10			6/30/2023 14:58	DGS	EPA 8260C
Chloroethane	<11	ug/L	11	37	10			6/30/2023 14:58	DGS	EPA 8260C
Chloroform	<4.6	ug/L	4.6	16	10			6/30/2023 14:58	DGS	EPA 8260C
Chloromethane	<13	ug/L	13	44	10			6/30/2023 14:58	DGS	EPA 8260C
cis-1,2-Dichloroethene	<4.1	ug/L	4.1	14	10			6/30/2023 14:58	DGS	EPA 8260C
cis-1,3-Dichloropropene	<3.4	ug/L	3.4	12	10			6/30/2023 14:58	DGS	EPA 8260C
Dibromochloromethane	<3.6	ug/L	3.6	12	10			6/30/2023 14:58	DGS	EPA 8260C
Dibromomethane	<4.5	ug/L	4.5	15	10			6/30/2023 14:58	DGS	EPA 8260C
Dichlorodifluoromethane	<6.3	ug/L	6.3	21	10			6/30/2023 14:58	DGS	EPA 8260C
Diisopropyl ether	<2.6	ug/L	2.6	10	10			6/30/2023 14:58	DGS	EPA 8260C
Ethylbenzene	<4.2	ug/L	4.2	14	10			6/30/2023 14:58	DGS	EPA 8260C
Hexachlorobutadiene	<5.7	ug/L	5.7	19	10			6/30/2023 14:58	DGS	EPA 8260C
Isopropylbenzene	3.9	ug/L	3.9 *	13	10			6/30/2023 14:58	DGS	EPA 8260C
m & p-Xylene	57	ug/L	7.4	25	10			6/30/2023 14:58	DGS	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339933 Sample Description: LC-2-202306 License/Well #: 00467/302 Sampled: 6/21/2023 13:05

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Qualifiers applying to all Analytes of Method EPA 8260C: T										
Methyl tert-butyl ether	<2.8	ug/L	2.8	10	10			6/30/2023 14:58	DGS	EPA 8260C
Methylene chloride	<12	ug/L	12	40	10			6/30/2023 14:58	DGS	EPA 8260C
n-Butylbenzene	<3.4	ug/L	3.4	12	10			6/30/2023 14:58	DGS	EPA 8260C
n-Propylbenzene	4.0	ug/L	3.4 *	12	10			6/30/2023 14:58	DGS	EPA 8260C
Naphthalene	6.1	ug/L	3.5 *	12	10			6/30/2023 14:58	DGS	EPA 8260C
o-Xylene	<7.2	ug/L	7.2	24	10			6/30/2023 14:58	DGS	EPA 8260C
p-Isopropyltoluene	<2.9	ug/L	2.9	10	10			6/30/2023 14:58	DGS	EPA 8260C
sec-Butylbenzene	<3.3	ug/L	3.3	11	10			6/30/2023 14:58	DGS	EPA 8260C
Styrene	<3.3	ug/L	3.3	11	10			6/30/2023 14:58	DGS	EPA 8260C
tert-Butylbenzene	<2.7	ug/L	2.7	10	10			6/30/2023 14:58	DGS	EPA 8260C
Tetrachloroethene	<5.5	ug/L	5.5	19	10			6/30/2023 14:58	DGS	EPA 8260C
Tetrahydrofuran	47	ug/L	34 *	120	10	Z		6/30/2023 14:58	DGS	EPA 8260C
Toluene	<2.7	ug/L	2.7	10	10			6/30/2023 14:58	DGS	EPA 8260C
trans-1,2-Dichloroethene	<3.5	ug/L	3.5	12	10			6/30/2023 14:58	DGS	EPA 8260C
trans-1,3-Dichloropropene	<5.7	ug/L	5.7	20	10			6/30/2023 14:58	DGS	EPA 8260C
Trichloroethene	<3.9	ug/L	3.9	13	10			6/30/2023 14:58	DGS	EPA 8260C
Trichlorofluoromethane	<4.1	ug/L	4.1	14	10			6/30/2023 14:58	DGS	EPA 8260C
Vinyl acetate	<64	ug/L	64	220	10			6/30/2023 14:58	DGS	EPA 8260C
Vinyl chloride	<1.5	ug/L	1.5	5.0	10			6/30/2023 14:58	DGS	EPA 8260C
1,2 Dichloroethane-d4	102	% Recovery	89.0	111	1			6/30/2023 14:58	DGS	EPA 8260C
Bromofluorobenzene	102	% Recovery	83.0	111	1			6/30/2023 14:58	DGS	EPA 8260C
d8-Toluene	102	% Recovery	93.0	107	1			6/30/2023 14:58	DGS	EPA 8260C
Dibromofluoromethane	98.0	% Recovery	90.0	110	1			6/30/2023 14:58	DGS	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339934 Sample Description: LC-3-202306 License/Well #: 00467/303 Sampled: 6/21/2023 13:32

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<3.4	ug/L	3.4	12	10			6/30/2023 15:57	DGS	EPA 8260C
1,1,1-Trichloroethane	<3.8	ug/L	3.8	13	10			6/30/2023 15:57	DGS	EPA 8260C
1,1,2,2-Tetrachloroethane	<3.6	ug/L	3.6	12	10			6/30/2023 15:57	DGS	EPA 8260C
1,1,2-Trichloroethane	<2.7	ug/L	2.7	10	10			6/30/2023 15:57	DGS	EPA 8260C
1,1-Dichloroethane	<2.8	ug/L	2.8	10	10			6/30/2023 15:57	DGS	EPA 8260C
1,1-Dichloroethene	<4.9	ug/L	4.9	17	10			6/30/2023 15:57	DGS	EPA 8260C
1,1-Dichloropropene	<4.1	ug/L	4.1	14	10			6/30/2023 15:57	DGS	EPA 8260C
1,2,3-Trichlorobenzene	<4.3	ug/L	4.3	15	10			6/30/2023 15:57	DGS	EPA 8260C
1,2,3-Trichloropropane	<3.5	ug/L	3.5	12	10			6/30/2023 15:57	DGS	EPA 8260C
1,2,4-Trichlorobenzene	<5.0	ug/L	5.0	17	10			6/30/2023 15:57	DGS	EPA 8260C
1,2,4-Trimethylbenzene	13	ug/L	3.4	12	10			6/30/2023 15:57	DGS	EPA 8260C
1,2-Dibromo-3-chloropropane	<4.9	ug/L	4.9	17	10			6/30/2023 15:57	DGS	EPA 8260C
1,2-Dibromoethane	<3.3	ug/L	3.3	11	10			6/30/2023 15:57	DGS	EPA 8260C
1,2-Dichlorobenzene	<3.6	ug/L	3.6	12	10			6/30/2023 15:57	DGS	EPA 8260C
1,2-Dichloroethane	<6.9	ug/L	6.9	23	10			6/30/2023 15:57	DGS	EPA 8260C
1,2-Dichloropropane	<3.7	ug/L	3.7	13	10			6/30/2023 15:57	DGS	EPA 8260C
1,3,5-Trimethylbenzene	4.8	ug/L	3.0 *	10	10			6/30/2023 15:57	DGS	EPA 8260C
1,3-Dichlorobenzene	<3.0	ug/L	3.0	10	10			6/30/2023 15:57	DGS	EPA 8260C
1,3-Dichloropropane	<2.8	ug/L	2.8	10	10			6/30/2023 15:57	DGS	EPA 8260C
1,4-Dichlorobenzene	3.9	ug/L	3.3 *	11	10			6/30/2023 15:57	DGS	EPA 8260C
2,2-Dichloropropane	<3.1	ug/L	3.1	11	10			6/30/2023 15:57	DGS	EPA 8260C
2-Butanone	120	ug/L	29	100	10	Q,Z		6/30/2023 15:57	DGS	EPA 8260C
2-Chlorotoluene	<3.1	ug/L	3.1	11	10			6/30/2023 15:57	DGS	EPA 8260C
2-Hexanone	<33	ug/L	33	110	10			6/30/2023 15:57	DGS	EPA 8260C
4-Chlorotoluene	<3.1	ug/L	3.1	11	10			6/30/2023 15:57	DGS	EPA 8260C
4-Methyl-2-pentanone	<37	ug/L	37	130	10			6/30/2023 15:57	DGS	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339934 Sample Description: LC-3-202306 License/Well #: 00467/303 Sampled: 6/21/2023 13:32

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Acetone	300	ug/L	41	140	10	Q,Y,Z		6/30/2023 15:57	DGS	EPA 8260C
Benzene	<4.7	ug/L	4.7	16	10			6/30/2023 15:57	DGS	EPA 8260C
Bromobenzene	<3.3	ug/L	3.3	11	10			6/30/2023 15:57	DGS	EPA 8260C
Bromochloromethane	<2.6	ug/L	2.6	10	10			6/30/2023 15:57	DGS	EPA 8260C
Bromodichloromethane	<7.6	ug/L	7.6	26	10			6/30/2023 15:57	DGS	EPA 8260C
Bromoform	<5.0	ug/L	5.0	17	10			6/30/2023 15:57	DGS	EPA 8260C
Bromomethane	<7.2	ug/L	7.2	24	10	Q		6/30/2023 15:57	DGS	EPA 8260C
Carbon disulfide	<8.3	ug/L	8.3	28	10			6/30/2023 15:57	DGS	EPA 8260C
Carbon tetrachloride	<3.7	ug/L	3.7	13	10			6/30/2023 15:57	DGS	EPA 8260C
Chlorobenzene	<3.7	ug/L	3.7	13	10			6/30/2023 15:57	DGS	EPA 8260C
Chloroethane	<11	ug/L	11	37	10			6/30/2023 15:57	DGS	EPA 8260C
Chloroform	<4.6	ug/L	4.6	16	10			6/30/2023 15:57	DGS	EPA 8260C
Chloromethane	<13	ug/L	13	44	10			6/30/2023 15:57	DGS	EPA 8260C
cis-1,2-Dichloroethene	71	ug/L	4.1	14	10			6/30/2023 15:57	DGS	EPA 8260C
cis-1,3-Dichloropropene	<3.4	ug/L	3.4	12	10			6/30/2023 15:57	DGS	EPA 8260C
Dibromochloromethane	<3.6	ug/L	3.6	12	10			6/30/2023 15:57	DGS	EPA 8260C
Dibromomethane	<4.5	ug/L	4.5	15	10			6/30/2023 15:57	DGS	EPA 8260C
Dichlorodifluoromethane	<6.3	ug/L	6.3	21	10			6/30/2023 15:57	DGS	EPA 8260C
Diisopropyl ether	<2.6	ug/L	2.6	10	10			6/30/2023 15:57	DGS	EPA 8260C
Ethylbenzene	86	ug/L	4.2	14	10			6/30/2023 15:57	DGS	EPA 8260C
Hexachlorobutadiene	<5.7	ug/L	5.7	19	10			6/30/2023 15:57	DGS	EPA 8260C
Isopropylbenzene	<3.9	ug/L	3.9	13	10			6/30/2023 15:57	DGS	EPA 8260C
m & p-Xylene	310	ug/L	7.4	25	10			6/30/2023 15:57	DGS	EPA 8260C
Methyl tert-butyl ether	<2.8	ug/L	2.8	10	10			6/30/2023 15:57	DGS	EPA 8260C
Methylene chloride	<12	ug/L	12	40	10			6/30/2023 15:57	DGS	EPA 8260C
n-Butylbenzene	<3.4	ug/L	3.4	12	10			6/30/2023 15:57	DGS	EPA 8260C
n-Propylbenzene	<3.4	ug/L	3.4	12	10			6/30/2023 15:57	DGS	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339934 Sample Description: LC-3-202306 License/Well #: 00467/303 Sampled: 6/21/2023 13:32

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Naphthalene	<3.5	ug/L	3.5	12	10			6/30/2023 15:57	DGS	EPA 8260C
o-Xylene	85	ug/L	7.2	24	10			6/30/2023 15:57	DGS	EPA 8260C
p-Isopropyltoluene	<2.9	ug/L	2.9	10	10			6/30/2023 15:57	DGS	EPA 8260C
sec-Butylbenzene	<3.3	ug/L	3.3	11	10			6/30/2023 15:57	DGS	EPA 8260C
Styrene	<3.3	ug/L	3.3	11	10			6/30/2023 15:57	DGS	EPA 8260C
tert-Butylbenzene	<2.7	ug/L	2.7	10	10			6/30/2023 15:57	DGS	EPA 8260C
Tetrachloroethene	<5.5	ug/L	5.5	19	10			6/30/2023 15:57	DGS	EPA 8260C
Tetrahydrofuran	110	ug/L	34 *	120	10	Z		6/30/2023 15:57	DGS	EPA 8260C
Toluene	140	ug/L	2.7	10	10			6/30/2023 15:57	DGS	EPA 8260C
trans-1,2-Dichloroethene	<3.5	ug/L	3.5	12	10			6/30/2023 15:57	DGS	EPA 8260C
trans-1,3-Dichloropropene	<5.7	ug/L	5.7	20	10			6/30/2023 15:57	DGS	EPA 8260C
Trichloroethene	<3.9	ug/L	3.9	13	10			6/30/2023 15:57	DGS	EPA 8260C
Trichlorofluoromethane	<4.1	ug/L	4.1	14	10			6/30/2023 15:57	DGS	EPA 8260C
Vinyl acetate	<64	ug/L	64	220	10			6/30/2023 15:57	DGS	EPA 8260C
Vinyl chloride	8.2	ug/L	1.5	5.0	10			6/30/2023 15:57	DGS	EPA 8260C
1,2 Dichloroethane-d4	104	% Recovery	89.0	111	1			6/30/2023 15:57	DGS	EPA 8260C
Bromofluorobenzene	100	% Recovery	83.0	111	1			6/30/2023 15:57	DGS	EPA 8260C
d8-Toluene	101	% Recovery	93.0	107	1			6/30/2023 15:57	DGS	EPA 8260C
Dibromofluoromethane	103	% Recovery	90.0	110	1			6/30/2023 15:57	DGS	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339935 Sample Description: DUP-02-202306 License #:00467 Sampled: 6/22/2023

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Inorganic Results										
Total Sulfate	35	mg/L	0.80	2.5	1			6/27/2023 00:38	TMG	EPA 9056A
Nitrate+Nitrite Nitrogen Total	<0.05	mg/L	0.05	0.2	1			6/29/2023 12:32	BRB	EPA 353.2
Metals Results										
Dissolved Manganese	111	ug/L	2.4	8.0	1			6/24/2023 00:53	NAH	EPA 6010C
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			6/27/2023 16:23	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			6/27/2023 16:23	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			6/27/2023 16:23	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			6/27/2023 16:23	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			6/27/2023 16:23	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			6/27/2023 16:23	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339935 Sample Description: DUP-02-202306 License #:00467 Sampled: 6/22/2023

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			6/27/2023 16:23	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			6/27/2023 16:23	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			6/27/2023 16:23	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			6/27/2023 16:23	RLD	EPA 8260C
Acetone	1.7	ug/L	0.84 *	4.0	1	B		6/27/2023 16:23	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034	0.20	1			6/27/2023 16:23	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041	0.20	1			6/27/2023 16:23	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052	0.20	1			6/27/2023 16:23	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11	0.40	1			6/27/2023 16:23	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40	1.5	1			6/27/2023 16:23	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045	0.20	1			6/27/2023 16:23	RLD	EPA 8260C
cis-1,2-Dichloroethene	0.21	ug/L	0.023	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091	0.30	1			6/27/2023 16:23	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02	0.1	1			6/27/2023 16:23	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027	0.20	1			6/27/2023 16:23	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339935 Sample Description: DUP-02-202306 License #:00467 Sampled: 6/22/2023

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Isopropylbenzene	<0.020	ug/L	0.020	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030	0.20	1			6/27/2023 16:23	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
Methylene chloride	<0.090	ug/L	0.090	0.40	1			6/27/2023 16:23	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
Naphthalene	<0.025	ug/L	0.025	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			6/27/2023 16:23	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			6/27/2023 16:23	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			6/27/2023 16:23	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			6/27/2023 16:23	RLD	EPA 8260C
Vinyl chloride	0.44	ug/L	0.019	0.10	1			6/27/2023 16:23	RLD	EPA 8260C
1,2 Dichloroethane-d4	109	% Recovery	70.0	130	1			6/27/2023 16:23	RLD	EPA 8260C
Bromofluorobenzene	99.0	% Recovery	70.0	130	1			6/27/2023 16:23	RLD	EPA 8260C
d8-Toluene	102	% Recovery	70.0	130	1			6/27/2023 16:23	RLD	EPA 8260C
Dibromofluoromethane	104	% Recovery	70.0	130	1			6/27/2023 16:23	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339936 Sample Description: TRIP BLANK License/Well #: 00467/999 Sampled: 6/21/2023

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Organic Results										
1,1,1,2-Tetrachloroethane	<0.013	ug/L	0.013	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
1,1,1-Trichloroethane	<0.013	ug/L	0.013	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
1,1,2,2-Tetrachloroethane	<0.015	ug/L	0.015	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
1,1,2-Trichloroethane	<0.036	ug/L	0.036	0.20	1			6/27/2023 12:30	RLD	EPA 8260C
1,1-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
1,1-Dichloroethene	<0.024	ug/L	0.024	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
1,1-Dichloropropene	<0.074	ug/L	0.074	0.20	1			6/27/2023 12:30	RLD	EPA 8260C
1,2,3-Trichlorobenzene	<0.019	ug/L	0.019	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
1,2,3-Trichloropropane	<0.031	ug/L	0.031	0.20	1			6/27/2023 12:30	RLD	EPA 8260C
1,2,4-Trichlorobenzene	<0.022	ug/L	0.022	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
1,2,4-Trimethylbenzene	<0.011	ug/L	0.011	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
1,2-Dibromo-3-chloropropane	<0.12	ug/L	0.12	0.40	1			6/27/2023 12:30	RLD	EPA 8260C
1,2-Dibromoethane	<0.029	ug/L	0.029	0.20	1			6/27/2023 12:30	RLD	EPA 8260C
1,2-Dichlorobenzene	<0.016	ug/L	0.016	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
1,2-Dichloroethane	<0.017	ug/L	0.017	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
1,2-Dichloropropane	<0.013	ug/L	0.013	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
1,3,5-Trimethylbenzene	<0.013	ug/L	0.013	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
1,3-Dichlorobenzene	<0.013	ug/L	0.013	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
1,3-Dichloropropane	<0.020	ug/L	0.020	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
1,4-Dichlorobenzene	<0.017	ug/L	0.017	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
2,2-Dichloropropane	<0.075	ug/L	0.075	0.30	1			6/27/2023 12:30	RLD	EPA 8260C
2-Butanone	<0.31	ug/L	0.31	2.0	1			6/27/2023 12:30	RLD	EPA 8260C
2-Chlorotoluene	<0.020	ug/L	0.020	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
2-Hexanone	<0.15	ug/L	0.15	1.0	1			6/27/2023 12:30	RLD	EPA 8260C
4-Chlorotoluene	<0.013	ug/L	0.013	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
4-Methyl-2-pentanone	<0.19	ug/L	0.19	1.0	1			6/27/2023 12:30	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339936 Sample Description: TRIP BLANK License/Well #: 00467/999 Sampled: 6/21/2023

Analyte	Result	Units	LOD		LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Acetone	2.5	ug/L	0.84	*	4.0	1	B		6/27/2023 12:30	RLD	EPA 8260C
Benzene	<0.022	ug/L	0.022		0.10	1			6/27/2023 12:30	RLD	EPA 8260C
Bromobenzene	<0.018	ug/L	0.018		0.10	1			6/27/2023 12:30	RLD	EPA 8260C
Bromochloromethane	<0.034	ug/L	0.034		0.20	1			6/27/2023 12:30	RLD	EPA 8260C
Bromodichloromethane	<0.019	ug/L	0.019		0.10	1			6/27/2023 12:30	RLD	EPA 8260C
Bromoform	<0.041	ug/L	0.041		0.20	1			6/27/2023 12:30	RLD	EPA 8260C
Bromomethane	<0.052	ug/L	0.052		0.20	1			6/27/2023 12:30	RLD	EPA 8260C
Carbon disulfide	<0.11	ug/L	0.11		0.40	1			6/27/2023 12:30	RLD	EPA 8260C
Carbon tetrachloride	<0.018	ug/L	0.018		0.10	1			6/27/2023 12:30	RLD	EPA 8260C
Chlorobenzene	<0.013	ug/L	0.013		0.10	1			6/27/2023 12:30	RLD	EPA 8260C
Chloroethane	<0.40	ug/L	0.40		1.5	1			6/27/2023 12:30	RLD	EPA 8260C
Chloroform	<0.016	ug/L	0.016		0.10	1			6/27/2023 12:30	RLD	EPA 8260C
Chloromethane	<0.045	ug/L	0.045		0.20	1			6/27/2023 12:30	RLD	EPA 8260C
cis-1,2-Dichloroethene	<0.023	ug/L	0.023		0.10	1			6/27/2023 12:30	RLD	EPA 8260C
cis-1,3-Dichloropropene	<0.014	ug/L	0.014		0.10	1			6/27/2023 12:30	RLD	EPA 8260C
Dibromochloromethane	<0.016	ug/L	0.016		0.10	1			6/27/2023 12:30	RLD	EPA 8260C
Dibromomethane	<0.018	ug/L	0.018		0.10	1			6/27/2023 12:30	RLD	EPA 8260C
Dichlorodifluoromethane	<0.091	ug/L	0.091		0.30	1			6/27/2023 12:30	RLD	EPA 8260C
Diisopropyl ether	<0.02	ug/L	0.02		0.1	1			6/27/2023 12:30	RLD	EPA 8260C
Ethylbenzene	<0.014	ug/L	0.014		0.10	1			6/27/2023 12:30	RLD	EPA 8260C
Hexachlorobutadiene	<0.027	ug/L	0.027		0.20	1			6/27/2023 12:30	RLD	EPA 8260C
Isopropylbenzene	<0.020	ug/L	0.020		0.10	1			6/27/2023 12:30	RLD	EPA 8260C
m & p-Xylene	<0.030	ug/L	0.030		0.20	1			6/27/2023 12:30	RLD	EPA 8260C
Methyl tert-butyl ether	<0.014	ug/L	0.014		0.10	1			6/27/2023 12:30	RLD	EPA 8260C
Methylene chloride	0.18	ug/L	0.090	*	0.40	1			6/27/2023 12:30	RLD	EPA 8260C
n-Butylbenzene	<0.021	ug/L	0.021		0.10	1			6/27/2023 12:30	RLD	EPA 8260C
n-Propylbenzene	<0.020	ug/L	0.020		0.10	1			6/27/2023 12:30	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

CT LAB#: 1339936 Sample Description: TRIP BLANK License/Well #: 00467/999 Sampled: 6/21/2023

Analyte	Result	Units	LOD	LOQ	Dilution	Qualifier	Prep Date/Time	Analysis Date/Time	Analyst	Method
Naphthalene	<0.025	ug/L	0.025	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
o-Xylene	<0.016	ug/L	0.016	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
p-Isopropyltoluene	<0.016	ug/L	0.016	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
sec-Butylbenzene	<0.021	ug/L	0.021	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
Styrene	<0.014	ug/L	0.014	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
tert-Butylbenzene	<0.020	ug/L	0.020	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
Tetrachloroethene	<0.028	ug/L	0.028	0.20	1			6/27/2023 12:30	RLD	EPA 8260C
Tetrahydrofuran	<0.38	ug/L	0.38	2.0	1			6/27/2023 12:30	RLD	EPA 8260C
Toluene	<0.020	ug/L	0.020	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
trans-1,2-Dichloroethene	<0.020	ug/L	0.020	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
trans-1,3-Dichloropropene	<0.020	ug/L	0.020	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
Trichloroethene	<0.022	ug/L	0.022	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
Trichlorofluoromethane	<0.033	ug/L	0.033	0.20	1			6/27/2023 12:30	RLD	EPA 8260C
Vinyl acetate	<0.14	ug/L	0.14	1.0	1			6/27/2023 12:30	RLD	EPA 8260C
Vinyl chloride	<0.019	ug/L	0.019	0.10	1			6/27/2023 12:30	RLD	EPA 8260C
1,2 Dichloroethane-d4	103	% Recovery	70.0	130	1			6/27/2023 12:30	RLD	EPA 8260C
Bromofluorobenzene	99.0	% Recovery	70.0	130	1			6/27/2023 12:30	RLD	EPA 8260C
d8-Toluene	102	% Recovery	70.0	130	1			6/27/2023 12:30	RLD	EPA 8260C
Dibromofluoromethane	104	% Recovery	70.0	130	1			6/27/2023 12:30	RLD	EPA 8260C

Unless specifically stated to the contrary, soil/sediment/sludge sample results/LOD/LOQ/RLs were reported on a Dry Weight Basis

Notes: * Indicates Value in between the LOD (limit of detection) and the LOQ (limit of quantitation). All LOD/LOQs are adjusted to reflect dilution, percent solids, and any differences in the sample weight / volume as compared to standard amounts.

All samples were received intact and properly preserved unless otherwise noted . The results reported relate only to the samples tested.
This report shall not be reproduced, except in full, without written approval of this laboratory. The Chain of Custody is attached. This report has been specifically prepared to satisfy project or program requirements.

Submitted by: Brett M. Szymanski
Project Manager
608-356-2760

QC Qualifiers

Code	Description
B	Analyte detected in the associated Method Blank.
C	Toxicity present in BOD sample.
D	Diluted Out.
E	Safe, No Total Coliform detected.
F	Unsafe, Total Coliform detected, no E. Coli detected.
G	Unsafe, Total Coliform detected and E. Coli detected.
H	Holding time exceeded.
I	Incubator temperature was outside acceptance limits during test period.
J	Estimated value.
L	Significant peaks were detected outside the chromatographic window.
M	Matrix spike and/or Matrix Spike Duplicate recovery outside acceptance limits.
N	Insufficient BOD oxygen depletion.
O	Complete BOD oxygen depletion.
P	Concentration of analyte differs more than 40% between primary and confirmation analysis.
Q	Laboratory Control Sample outside acceptance limits.
R	See Narrative at end of report.
S	Surrogate standard recovery outside acceptance limits due to apparent matrix effects.
T	Sample received with improper preservation or temperature.
U	Analyte concentration was below detection limit.
V	Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
W	Sample amount received was below program minimum.
X	Analyte exceeded calibration range.
Y	Replicate/Duplicate precision outside acceptance limits.
Z	Specified calibration criteria was not met.

Current CT Laboratories Certifications

Wisconsin (WDNR) Chemistry ID# 157066030
Wisconsin (DATCP) Bacteriology ID# 289
Louisiana NELAP (primary) ID# 115843
Illinois NELAP Lab ID# 200073
Kansas NELAP Lab ID# E-10368
Virginia NELAP Lab ID# 460203
ISO/IEC 17025-2005 A2LA Cert # 3806.01
DoD-ELAP A2LA 3806.01

Preventative Action Limit (PAL) Exceedances

Location/Landfill: **RIPON FF/NN LANDFILL** **License #:** **00467**

Well Description:	***LC-1-202306***	**Well #:**	***301***	**Sample Date**	**06/21/2023**	
Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Benzene	34030	3.2	0.50	5.00	2.4	ug/L
Tetrahydrofuran	81607	180	10.00	50.00	17	ug/L

Well Description:	***LC-2-202306***	**Well #:**	***302***	**Sample Date**	**06/21/2023**	
Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Chlorobenzene	34301	110	20.00	100.00	3.7	ug/L
Tetrahydrofuran	81607	47	10.00	50.00	34	ug/L

Well Description:	***LC-3-202306***	**Well #:**	***303***	**Sample Date**	**06/21/2023**	
Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
cis-1,2-Dichloroethene	77093	71	7.00	70.00	4.1	ug/L
Tetrahydrofuran	81607	110	10.00	50.00	34	ug/L
Vinyl chloride	39175	8.2	0.02	0.20	1.5	ug/L

Well Description:	***MW-103-202306***	**Well #:**	***112***	**Sample Date**	**06/20/2023**	
Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Nitrate+Nitrite Nitrogen Total	00630	14	2	10	0.25	mg/L
Trichloroethene	39180	0.79	0.5	5	0.022	ug/L

Well Description:	***MW-104-202306***	**Well #:**	***113***	**Sample Date**	**06/20/2023**	
Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Vinyl chloride	39175	0.35	0.02	0.20	0.019	ug/L

Well Description:	***MW-112-202306***	**Well #:**	***121***	**Sample Date**	**06/21/2023**	
Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Dissolved Manganese	01056	303	60	300	2.4	ug/L

Well Description:	***MW-3A-202306***	**Well #:**	***133***	**Sample Date**	**06/21/2023**	
Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Dissolved Manganese	01056	431	60	300	2.4	ug/L

Well Description:	***MW-3B-202306***	**Well #:**	***134***	**Sample Date**	**06/21/2023**	
Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Dissolved Manganese	01056	90.4	60	300	2.4	ug/L
Vinyl chloride	39175	0.052	0.02	0.20	0.019	ug/L

Well Description: ***P-103-202306*** **Well #:** ***114*** **Sample Date** **06/20/2023**

Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Dissolved Manganese	01056	81.8	60	300	2.4	ug/L

Well Description: ***P-103D-202306*** **Well #:** ***141*** **Sample Date** **06/20/2023**

Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Dissolved Manganese	01056	88.7	60	300	2.4	ug/L
Vinyl chloride	39175	0.20	0.02	0.20	0.019	ug/L

Well Description: ***P-107-202306*** **Well #:** ***118*** **Sample Date** **06/20/2023**

Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Vinyl chloride	39175	0.92	0.02	0.20	0.019	ug/L

Well Description: ***P-107D-202306*** **Well #:** ***119*** **Sample Date** **06/21/2023**

Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Dissolved Manganese	01056	182	60	300	2.4	ug/L
Vinyl chloride	39175	5.2	0.02	0.20	0.019	ug/L

Well Description: ***P-111D-202306*** **Well #:** ***130*** **Sample Date** **06/21/2023**

Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Vinyl chloride	39175	3.2	0.02	0.20	0.019	ug/L

Well Description: ***P-114-202306*** **Well #:** ***140*** **Sample Date** **06/22/2023**

Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Dissolved Manganese	01056	64.6	60	300	2.4	ug/L
Vinyl chloride	39175	7.8	0.02	0.20	0.019	ug/L

Well Description: ***P-115-202306*** **Well #:** ***142*** **Sample Date** **06/22/2023**

Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Dissolved Manganese	01056	112	60	300	2.4	ug/L
Vinyl chloride	39175	0.37	0.02	0.20	0.019	ug/L

Well Description: ***P-116-202306*** **Well #:** ***143*** **Sample Date** **06/22/2023**

Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Dissolved Manganese	01056	77.0	60	300	2.4	ug/L

Well Description: ***P-117-202306*** **Well #:** ***144*** **Sample Date** **06/21/2023**

Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Dissolved Manganese	01056	199	60	300	2.4	ug/L
Vinyl chloride	39175	1.1	0.02	0.20	0.019	ug/L

Preventative Action Limit (PAL) Exceedances

Location/Landfill: **RIPON FF/NN LANDFILL** **License #:** **00467**

Well Description: ***P-118-202306*** **Well #:** ***145*** **Sample Date** **06/21/2023**

Parameter	DNR Parameter #	Result	PAL	ES	LOD	Units
Vinyl chloride	39175	0.19	0.02	0.20	0.019	ug/L

Summary of Detected Organic Compounds

07/10/2023

Location/Landfill: **RIPON SUPERFUND LF** **License #:** **00467** Page 1 of 24

Well Description: ***DUP-02-202306*** **Well #:**

Parameter	Sample Date								
	6/22/2023	6/21/2023	3/21/2023	12/15/2022	9/28/2022	9/27/2022	6/21/2022	3/23/2022	11/17/2021
Acetone	1.7	1.6							
Benzene			0.023	0.039		0.023			
Chloroethane							0.79		
cis-1,2-Dichloroethene	0.21		0.22	0.28	0.21	0.61	3.4	0.18	2.0
Trichloroethene			0.069	0.068		0.071			
Vinyl chloride	0.44	0.069	0.22	0.21	0.29	0.78	3.6	0.34	8.4

Well Description: ***MW-103-202306*** **Well #:** ***112***

Parameter	Sample Date		
	6/20/2023	9/27/2022	6/21/2022
Acetone	1.8		
cis-1,2-Dichloroethene	0.086	0.075	0.074
Tetrachloroethene	0.22	0.21	0.22
Trichloroethene	0.79	0.68	0.78

Well Description: ***MW-104-202306*** **Well #:** ***113***

Parameter	Sample Date	
	6/20/2023	6/21/2022
1,4-Dichlorobenzene	1.4	1.4
Acetone	3.4	1.6
Benzene	0.13	0.069
Carbon disulfide	0.18	0.29
Chlorobenzene	3.6	3.6
cis-1,2-Dichloroethene	0.13	0.069
Diisopropyl ether	0.040	
Isopropylbenzene	0.086	0.095
Methyl tert-butyl ether		0.052
sec-Butylbenzene	0.058	0.059
Toluene	0.061	0.025
Trichloroethene	0.046	
Vinyl chloride	0.35	0.045

Well Description: ***P-103-202306*** **Well #:** ***114***

Parameter	Sample Date
	6/20/2023
Acetone	1.6

Summary of Detected Organic Compounds

Location/Landfill: **RIPON SUPERFUND LF** **License #:** **00467**

Well Description: ***P-106-202306*** **Well #:** ***116***

Parameter	Sample Date	
	6/20/2023	6/21/2022
Acetone	1.7	
Trichloroethene	0.12	0.13

Well Description: ***MW-107-202306*** **Well #:** ***117***

Parameter	Sample Date
	6/20/2023
Acetone	1.8
Tetrachloroethene	0.036

Well Description: ***P-107-202306*** **Well #:** ***118***

Parameter	Sample Date	
	6/20/2023	6/21/2022
Acetone	1.6	
Benzene		0.023
cis-1,2-Dichloroethene	0.25	0.27
Trichloroethene	0.11	0.10
Vinyl chloride	0.92	0.68

Well Description: ***P-107D-202306*** **Well #:** ***119***

Parameter	Sample Date						
	6/21/2023	3/21/2023	12/14/2022	9/27/2022	6/21/2022	3/22/2022	11/16/2021
1,1-Dichloroethane	0.022		0.028	0.024			0.020
1,2,4-Trimethylbenzene	0.016		0.020				0.018
Acetone	1.6						
Chloroethane	1.4	1.2	1.4	1.1	1.3	1.2	1.4
cis-1,2-Dichloroethene	1.7	1.5	1.9	1.9	1.7	1.7	1.8
Dichlorodifluoromethane	0.28		0.18	0.23			
Tetrahydrofuran				2.0			
Trichloroethene	0.11	0.11	0.13	0.15	0.096	0.11	0.10
Vinyl chloride	5.2	4.5	4.7	4.6	5.1	4.0	5.0

Well Description: ***MW-112-202306*** **Well #:** ***121***

Parameter	Sample Date		
	6/21/2023	9/27/2022	6/21/2022
Acetone	1.9		
Chlorobenzene	0.081		0.12
cis-1,2-Dichloroethene	0.065	0.042	0.051
Tetrachloroethene	0.10		0.052
Trichloroethene	0.34	0.085	0.18

Well Description: ***P-111D-202306*** **Well #:** ***130***

Parameter	Sample Date						
	6/21/2023	3/21/2023	12/14/2022	9/27/2022	6/21/2022	3/23/2022	11/16/2021
Acetone	1.7						
Chloroethane	0.74	0.68	0.61	0.51	0.78	0.62	0.84
cis-1,2-Dichloroethene	3.2	3.4	3.0	3.1	3.4	3.3	3.4
Dichlorodifluoromethane	0.27		0.16				
trans-1,2-Dichloroethene	0.048		0.054			0.055	0.038
Vinyl chloride	3.2	3.6	3.1	2.7	3.5	3.0	3.6

Well Description: ***MW-3A-202306*** **Well #:** ***133***

Parameter	Sample Date
	6/21/2023
Acetone	1.7

Well Description: ***MW-3B-202306*** **Well #:** ***134***

Parameter	Sample Date						
	6/21/2023	3/21/2023	12/14/2022	9/27/2022	6/21/2022	3/22/2022	11/16/2021
Acetone	1.7						
cis-1,2-Dichloroethene	0.035		0.043	0.040			0.037
Vinyl chloride	0.052	0.054	0.060	0.055	0.052	0.046	0.066

Well Description: ***P-113A-202306*** **Well #:** ***136***

Parameter	Sample Date
	6/21/2023
Acetone	1.5

Well Description: ***P-113B-202306*** **Well #:** ***138***

Parameter	Sample Date
	6/21/2023
Acetone	1.5

Well Description: ***P-114-202306*** **Well #:** ***140***

Parameter	Sample Date						
	6/22/2023	3/22/2023	12/15/2022	9/28/2022	6/22/2022	3/23/2022	11/17/2021
Acetone	1.6						
Chloroethane	0.40						
cis-1,2-Dichloroethene	1.9	1.8	1.6	1.7	1.9	1.8	1.9
Dichlorodifluoromethane	0.28		0.16				
Vinyl chloride	7.8	7.3	7.0	5.5	8.6	6.1	8.2

Well Description: ***P-103D-202306*** **Well #:** ***141***

Parameter	Sample Date						
	6/20/2023	3/21/2023	12/15/2022	9/27/2022	6/21/2022	3/22/2022	11/16/2021
Acetone	1.6						
Benzene	0.028	0.028	0.033	0.026	0.026	0.026	0.028
cis-1,2-Dichloroethene	0.25	0.24	0.25	0.23	0.27	0.27	0.31
Trichloroethene	0.075	0.077	0.067	0.084	0.073	0.056	0.067
Vinyl chloride	0.20	0.23	0.19	0.15	0.26	0.20	0.26

Well Description: ***P-115-202306*** **Well #:** ***142***

Parameter	Sample Date						
	6/22/2023	3/22/2023	12/15/2022	9/28/2022	6/22/2022	3/23/2022	11/17/2021
Acetone	1.6						
cis-1,2-Dichloroethene	0.20	0.19	0.20	0.18	0.19	0.18	0.21
Vinyl chloride	0.37	0.43	0.36	0.29	0.44	0.33	0.48

Well Description: ***P-116-202306*** **Well #:** ***143***

Parameter	Sample Date
	6/22/2023
Acetone	1.6

Well Description: ***P-117-202306*** **Well #:** ***144***

Parameter	Sample Date						
	6/21/2023	3/21/2023	12/14/2022	9/27/2022	6/21/2022	3/23/2022	11/17/2021
Acetone	1.5						
Benzene		0.025	0.029	0.024	0.023	0.023	
cis-1,2-Dichloroethene	0.65	0.72	0.68	0.66	0.65	0.71	0.72
Trichloroethene	0.057		0.060	0.066	0.052	0.049	0.057
Vinyl chloride	1.1	1.1	1.1	0.79	1.2	0.90	1.2

Well Description: ***P-118-202306*** **Well #:** ***145***

Parameter	Sample Date						
	6/21/2023	3/21/2023	12/14/2022	9/27/2022	6/21/2022	3/23/2022	11/17/2021
Acetone	1.7						
Vinyl chloride	0.19	0.13	0.12	0.11	0.11	0.091	0.11

Well Description: ***LC-1-202306*** **Well #:** ***301***

Parameter	Sample Date	
	6/21/2023	6/22/2022
1,2,4-Trimethylbenzene	11	10
1,3,5-Trimethylbenzene	3.5	3.5
Acetone	29	
Benzene	3.2	
Chlorobenzene	2.7	
Ethylbenzene		5.4
m & p-Xylene	52	34
Naphthalene	7.6	6.0
n-Butylbenzene		1.7
o-Xylene		3.9
Tetrahydrofuran	180	82
Toluene	1.7	

Well Description: ***LC-2-202306*** **Well #:** ***302***

Parameter	Sample Date 6/21/2023	6/22/2022
1,2,4-Trimethylbenzene	28	70
1,3,5-Trimethylbenzene		12
1,4-Dichlorobenzene	8.2	14
2-Chlorotoluene		2.0
Benzene		12
Chlorobenzene	110	56
Ethylbenzene		10
Isopropylbenzene	3.9	9.5
m & p-Xylene	57	300
Methyl tert-butyl ether		1.7
Naphthalene	6.1	13
n-Butylbenzene		2.0
n-Propylbenzene	4.0	8.4
p-Isopropyltoluene		2.2
Tetrahydrofuran	47	210

Well Description: ***LC-3-202306*** **Well #:** ***303***

Parameter	Sample Date	
	6/21/2023	6/22/2022
1,2,4-Trimethylbenzene	13	3.6
1,3,5-Trimethylbenzene	4.8	1.6
1,4-Dichlorobenzene	3.9	
2-Butanone	120	46
Acetone	300	120
Carbon disulfide		4.3
cis-1,2-Dichloroethene	71	56
Ethylbenzene	86	8.6
m & p-Xylene	310	83
o-Xylene	85	28
Tetrahydrofuran	110	65
Toluene	140	32
Vinyl chloride	8.2	3.6

Well Description: ***TRIP BLANK*** **Well #:** ***999***

Parameter	Sample Date						
	6/21/2023	3/21/2023	12/14/2022	9/27/2022	6/21/2022	3/22/2022	11/17/2021
Acetone	2.5				1.3		1.3
Methylene chloride	0.18	0.66	0.41	0.24	1.2	0.53	0.30
Tetrahydrofuran				1.4			

QC Summary Report

TRC ENVIRONMENTAL **Project Name: RIPON FF/NN LANDFILL**

SDG #: 0 **Folder #: 178541** **Project #: 538168**

Duplicate

Analytical Run #:	273105	Analysis Date:	6/26/2023	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	1342398	Analysis Time:	18:44	Prep Date/Time:		Method:	SW9056A
Parent Sample #:	1339910	Analyst:	TMG	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Sulfate	20.2	mg/L	20					1	10

Lab Control Spike Water

Analytical Run #:	273105	Analysis Date:	6/26/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1342431	Analysis Time:	21:59	Prep Date/Time:		Method:	SW9056A
Parent Sample #:		Analyst:	TMG	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Sulfate	25.08	mg/L			25.00	100	80 --- 120		

Method Blank Water

Analytical Run #:	273105	Analysis Date:	6/26/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1342432	Analysis Time:	22:16	Prep Date/Time:		Method:	SW9056A
Parent Sample #:		Analyst:	TMG	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Sulfate	0.8	mg/L		U	0		0.8		

Matrix Spike Water

Analytical Run #:	273105	Analysis Date:	6/26/2023	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	1342399	Analysis Time:	19:02	Prep Date/Time:		Method:	SW9056A
Parent Sample #:	1339910	Analyst:	TMG	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Total Sulfate	26.9	mg/L	20		8.00	86	49 --- 120		20

Lab Control Spike Water

Analytical Run #:	273231	Analysis Date:	6/29/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1342446	Analysis Time:	11:35	Prep Date/Time:		Method:	
Parent Sample #:		Analyst:	BRB	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Nitrate+Nitrite Nitrogen Total	4.950	mg/L			5.0	99	90 --- 110		
Nitrate+Nitrite Nitrogen,Diss	4.950	mg/L			5.0	99	90 --- 110		

Method Blank Water

Analytical Run #:	273231	Analysis Date:	6/29/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1342447	Analysis Time:	11:39	Prep Date/Time:		Method:	
Parent Sample #:		Analyst:	BRB	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Nitrate+Nitrite Nitrogen	0.050	mg/L		U	0		0.050		

Matrix Spike Duplicate Water

Analytical Run #:	273231	Analysis Date:	6/29/2023	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	1342857	Analysis Time:	11:59	Prep Date/Time:		Method:	
Parent Sample #:	1342856	Analyst:	DC	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Nitrate+Nitrite Nitrogen	1.91	mg/L	BDL		2.0	96	90 --- 110	1	20

Matrix Spike Water

Analytical Run #:	273231	Analysis Date:	6/29/2023	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	1342856	Analysis Time:	11:58	Prep Date/Time:		Method:	
Parent Sample #:	1339910	Analyst:	DC	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Nitrate+Nitrite Nitrogen	1.90	mg/L	BDL		2.0	95	90 --- 110		20

Lab Control Spike Water

Analytical Run #:	273232	Analysis Date:	6/29/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1342458	Analysis Time:	12:15	Prep Date/Time:		Method:	
Parent Sample #:		Analyst:	BRB	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Nitrate+Nitrite Nitrogen Total	4.870	mg/L			5.0	97	90 --- 110		
Nitrate+Nitrite Nitrogen,Diss	4.870	mg/L			5.0	97	90 --- 110		

Method Blank Water

Analytical Run #:	273232	Analysis Date:	6/29/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1342459	Analysis Time:	12:16	Prep Date/Time:		Method:	
Parent Sample #:		Analyst:	BRB	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Nitrate+Nitrite Nitrogen	0.050	mg/L		U	0		0.050		

Matrix Spike Duplicate Water

Analytical Run #:	273232	Analysis Date:	6/29/2023	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	1342885	Analysis Time:	12:23	Prep Date/Time:		Method:	
Parent Sample #:	1342882	Analyst:	DC	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Nitrate+Nitrite Nitrogen	1.93	mg/L	BDL		2.0	96	90 --- 110	2	20

Matrix Spike Duplicate Water

Analytical Run #:	273232	Analysis Date:	6/29/2023	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	1342887	Analysis Time:	12:26	Prep Date/Time:		Method:	
Parent Sample #:	1342886	Analyst:	DC	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Nitrate+Nitrite Nitrogen	1.82	mg/L	BDL		2.0	91	90 --- 110	0	20

Matrix Spike Water

Analytical Run #:	273232	Analysis Date:	6/29/2023	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	1342882	Analysis Time:	12:19	Prep Date/Time:		Method:	
Parent Sample #:	1339924	Analyst:	DC	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Nitrate+Nitrite Nitrogen	1.90	mg/L	BDL		2.0	95	90 --- 110		20

Matrix Spike Water

Analytical Run #:	273232	Analysis Date:	6/29/2023	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	1342886	Analysis Time:	12:25	Prep Date/Time:		Method:	
Parent Sample #:	1339925	Analyst:	DC	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Nitrate+Nitrite Nitrogen	1.82	mg/L	BDL		2.0	91	90 --- 110		20

Duplicate

Analytical Run #:	273071	Analysis Date:	6/24/2023	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	1340927	Analysis Time:	01:01	Prep Date/Time:		Method:	SW6010
Parent Sample #:	1339935	Analyst:	NAH	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Manganese	111	ug/L	111					0	20

Matrix Spike Water

Analytical Run #:	273071	Analysis Date:	6/24/2023	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	1342261	Analysis Time:	01:29	Prep Date/Time:		Method:	SW6010
Parent Sample #:	1339935	Analyst:	NAH	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
Manganese	1060	ug/L	111		1000	95	67 --- 121		13

Lab Control Spike Duplicate Water

Analytical Run #:	273086	Analysis Date:	6/30/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1343581	Analysis Time:	17:52	Prep Date/Time:		Method:	SW8260C
Parent Sample #:	1343014	Analyst:	DGS	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits			RPD	RPD Limit
1,1,1,2-Tetrachloroethane	8.98	ug/L	9.65		10.0	90	86	---	112	7	20
1,1,1-Trichloroethane	9.77	ug/L	10.2		10.0	98	88	---	120	4	20
1,1,2,2-Tetrachloroethane	10.5	ug/L	11.0		10.0	105	83	---	116	5	20
1,1,2-Trichloroethane	10.3	ug/L	10.6		10.0	103	86	---	115	3	20
1,1-Dichloroethane	9.58	ug/L	9.82		10.0	96	86	---	117	2	20
1,1-Dichloroethene	10.1	ug/L	10.3		10.0	101	86	---	119	2	20
1,1-Dichloropropene	10.1	ug/L	9.35		10.0	101	87	---	117	8	20
1,2 Dichloroethane-d4	102	% Recovery			100	102	90	---	111	0	
1,2,3-Trichlorobenzene	9.59	ug/L	9.82		10.0	96	81	---	114	2	20
1,2,3-Trichloropropane	10.0	ug/L	10.9		10.0	100	77	---	120	9	20
1,2,4-Trichlorobenzene	9.12	ug/L	9.51		10.0	91	80	---	116	4	20
1,2,4-Trimethylbenzene	9.35	ug/L	9.70		10.0	94	91	---	118	4	20
1,2-Dibromo-3-chloropropane	10.8	ug/L	10.9		10.0	108	68	---	122	1	20
1,2-Dibromoethane	10.2	ug/L	10.4		10.0	102	87	---	113	2	20
1,2-Dichlorobenzene	9.15	ug/L	9.63		10.0	92	88	---	113	5	20
1,2-Dichloroethane	10.1	ug/L	10.1		10.0	101	84	---	120	0	20
1,2-Dichloropropane	9.64	ug/L	9.95		10.0	96	85	---	116	3	20
1,3,5-Trimethylbenzene	9.34	ug/L	9.82		10.0	93	90	---	119	5	20
1,3-Dichlorobenzene	8.98	ug/L	9.41		10.0	90	89	---	113	5	20
1,3-Dichloropropane	10.1	ug/L	10.2		10.0	101	87	---	115	1	20
1,4-Dichlorobenzene	9.01	ug/L	9.44		10.0	90	87	---	113	5	20
2,2-Dichloropropane	7.98	ug/L	10.1		10.0	80	75	---	127	23	20
2-Butanone	118	ug/L	139		100	118	68	---	133	16	20
2-Chlorotoluene	9.11	ug/L	9.51		10.0	91	88	---	117	4	20
2-Hexanone	115	ug/L	127		100	115	71	---	134	10	20
4-Chlorotoluene	9.15	ug/L	9.45		10.0	92	88	---	119	3	20
4-Methyl-2-pentanone	119	ug/L	117		100	119	78	---	127	2	20
Acetone	102	ug/L	154		100	102	66	---	137	41	20
Benzene	9.81	ug/L	9.89		10.0	98	90	---	119	1	20
Bromobenzene	9.07	ug/L	9.47		10.0	91	86	---	113	4	20
Bromochloromethane	9.18	ug/L	9.06		10.0	92	81	---	120	1	20
Bromodichloromethane	9.35	ug/L	10.0		10.0	94	87	---	116	7	20
Bromofluorobenzene	101	% Recovery			100	101	88	---	108	0	
Bromoform	9.51	ug/L	10.2		10.0	95	72	---	124	7	20
Bromomethane	6.75	ug/L	8.55		10.0	68	40	---	169	24	20
Carbon disulfide	20.0	ug/L	21.0		20.0	100	89	---	124	5	20
Carbon tetrachloride	9.91	ug/L	10.3		10.0	99	82	---	127	4	20
Chlorobenzene	9.36	ug/L	9.50		10.0	94	89	---	114	1	20
Chloroethane	9.28	ug/L	8.78		10.0	93	78	---	128	6	20
Chloroform	9.64	ug/L	10.0		10.0	96	88	---	115	4	20
Chloromethane	8.58	ug/L	8.84		10.0	86	63	---	135	3	20
cis-1,2-Dichloroethene	9.58	ug/L	9.47		10.0	96	87	---	115	1	20

Lab Control Spike Duplicate Water

Analytical Run #:	273086	Analysis Date:	6/30/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1343581	Analysis Time:	17:52	Prep Date/Time:		Method:	SW8260C
Parent Sample #:	1343014	Analyst:	DGS	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits			RPD	RPD Limit
cis-1,3-Dichloropropene	9.20	ug/L	9.75		10.0	92	86	---	115	6	20
d8-Toluene	102	% Recovery			100	102	95	---	105	0	
Dibromochloromethane	9.21	ug/L	10.1		10.0	92	82	---	117	9	20
Dibromofluoromethane	103	% Recovery			100	103	92	---	107	0	
Dibromomethane	10.2	ug/L	10.3		10.0	102	84	---	115	1	20
Dichlorodifluoromethane	9.39	ug/L	9.74		10.0	94	76	---	129	4	20
Diisopropyl ether	9.93	ug/L	10.1		10.0	99	82	---	123	2	20
Ethylbenzene	9.48	ug/L	9.69		10.0	95	92	---	119	2	20
Hexachlorobutadiene	8.67	ug/L	9.27		10.0	87	84	---	120	7	20
Isopropylbenzene	9.60	ug/L	9.93		10.0	96	91	---	121	3	20
m & p-Xylene	18.8	ug/L	19.3		20.0	94	91	---	117	3	20
Methyl tert-butyl ether	10.2	ug/L	10.3		10.0	102	85	---	115	1	20
Methylene chloride	12.4	ug/L	12.3		10.0	124	71	---	128	1	20
n-Butylbenzene	8.94	ug/L	9.26		10.0	89	88	---	122	4	20
n-Propylbenzene	9.47	ug/L	9.96		10.0	95	90	---	123	5	20
Naphthalene	9.60	ug/L	9.11		10.0	96	64	---	129	5	20
o-Xylene	9.18	ug/L	9.25		10.0	92	89	---	115	1	20
p-Isopropyltoluene	9.28	ug/L	9.85		10.0	93	91	---	119	6	20
sec-Butylbenzene	9.45	ug/L	10.1		10.0	94	92	---	122	7	20
Styrene	9.55	ug/L	9.71		10.0	96	90	---	116	2	20
tert-Butylbenzene	9.25	ug/L	9.76		10.0	92	90	---	118	5	20
Tetrachloroethene	9.91	ug/L	10.0		10.0	99	86	---	120	1	20
Tetrahydrofuran	127	ug/L	124		100	127	72	---	135	2	20
Toluene	9.74	ug/L	9.82		10.0	97	89	---	117	1	20
trans-1,2-Dichloroethene	9.88	ug/L	9.81		10.0	99	86	---	116	1	20
trans-1,3-Dichloropropene	9.39	ug/L	10.2		10.0	94	84	---	115	8	20
Trichloroethene	9.59	ug/L	9.79		10.0	96	86	---	117	2	20
Trichlorofluoromethane	10.5	ug/L	10.6		10.0	105	83	---	133	1	20
Vinyl acetate	110	ug/L	105		100	110	60	---	147	5	20
Vinyl chloride	9.38	ug/L	9.42		10.0	94	84	---	124	0	20

Lab Control Spike Water

Analytical Run #:	273086	Analysis Date:	6/30/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1343014	Analysis Time:	08:07	Prep Date/Time:		Method:	SW8260C
Parent Sample #:		Analyst:	DGS	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits			RPD	RPD Limit
1,1,1,2-Tetrachloroethane	9.65	ug/L			10.0	96	86	---	112		20
1,1,1-Trichloroethane	10.2	ug/L			10.0	102	88	---	120		20
1,1,2,2-Tetrachloroethane	11.0	ug/L			10.0	110	83	---	116		20
1,1,2-Trichloroethane	10.6	ug/L			10.0	106	86	---	115		20
1,1-Dichloroethane	9.82	ug/L			10.0	98	86	---	117		20
1,1-Dichloroethene	10.3	ug/L			10.0	103	86	---	119		20
1,1-Dichloropropene	9.35	ug/L			10.0	94	87	---	117		20
1,2 Dichloroethane-d4	99.0	% Recovery			100	99.0	90	---	111		
1,2,3-Trichlorobenzene	9.82	ug/L			10.0	98	81	---	114		20
1,2,3-Trichloropropane	10.9	ug/L			10.0	109	77	---	120		20
1,2,4-Trichlorobenzene	9.51	ug/L			10.0	95	80	---	116		20
1,2,4-Trimethylbenzene	9.70	ug/L			10.0	97	91	---	118		20
1,2-Dibromo-3-chloropropane	10.9	ug/L			10.0	109	68	---	122		20
1,2-Dibromoethane	10.4	ug/L			10.0	104	87	---	113		20
1,2-Dichlorobenzene	9.63	ug/L			10.0	96	88	---	113		20
1,2-Dichloroethane	10.1	ug/L			10.0	101	84	---	120		20
1,2-Dichloropropane	9.95	ug/L			10.0	100	85	---	116		20
1,3,5-Trimethylbenzene	9.82	ug/L			10.0	98	90	---	119		20
1,3-Dichlorobenzene	9.41	ug/L			10.0	94	89	---	113		20
1,3-Dichloropropane	10.2	ug/L			10.0	102	87	---	115		20
1,4-Dichlorobenzene	9.44	ug/L			10.0	94	87	---	113		20
2,2-Dichloropropane	10.1	ug/L			10.0	101	75	---	127		20
2-Butanone	139	ug/L			100	139	68	---	133		20
2-Chlorotoluene	9.51	ug/L			10.0	95	88	---	117		20
2-Hexanone	127	ug/L			100	127	71	---	134		20
4-Chlorotoluene	9.45	ug/L			10.0	94	88	---	119		20
4-Methyl-2-pentanone	117	ug/L			100	117	78	---	127		20
Acetone	154	ug/L			100	154	66	---	137		20
Benzene	9.89	ug/L			10.0	99	90	---	119		20
Bromobenzene	9.47	ug/L			10.0	95	86	---	113		20
Bromochloromethane	9.06	ug/L			10.0	91	81	---	120		20
Bromodichloromethane	10.0	ug/L			10.0	100	87	---	116		20
Bromofluorobenzene	103	% Recovery			100	103	88	---	108		
Bromoform	10.2	ug/L			10.0	102	72	---	124		20
Bromomethane	8.55	ug/L			10.0	86	40	---	169		20
Carbon disulfide	21.0	ug/L			20.0	105	89	---	124		20
Carbon tetrachloride	10.3	ug/L			10.0	103	82	---	127		20
Chlorobenzene	9.50	ug/L			10.0	95	89	---	114		20
Chloroethane	8.78	ug/L			10.0	88	78	---	128		20
Chloroform	10.0	ug/L			10.0	100	88	---	115		20
Chloromethane	8.84	ug/L			10.0	88	63	---	135		20
cis-1,2-Dichloroethene	9.47	ug/L			10.0	95	87	---	115		20

Lab Control Spike Water

Analytical Run #:	273086	Analysis Date:	6/30/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1343014	Analysis Time:	08:07	Prep Date/Time:		Method:	SW8260C
Parent Sample #:		Analyst:	DGS	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits			RPD	RPD Limit
cis-1,3-Dichloropropene	9.75	ug/L			10.0	98	86	---	115		20
d8-Toluene	102	% Recovery			100	102	95	---	105		
Dibromochloromethane	10.1	ug/L			10.0	101	82	---	117		20
Dibromofluoromethane	101	% Recovery			100	101	92	---	107		
Dibromomethane	10.3	ug/L			10.0	103	84	---	115		20
Dichlorodifluoromethane	9.74	ug/L			10.0	97	76	---	129		20
Diisopropyl ether	10.1	ug/L			10.0	101	82	---	123		20
Ethylbenzene	9.69	ug/L			10.0	97	92	---	119		20
Hexachlorobutadiene	9.27	ug/L			10.0	93	84	---	120		20
Isopropylbenzene	9.93	ug/L			10.0	99	91	---	121		20
m & p-Xylene	19.3	ug/L			20.0	96	91	---	117		20
Methyl tert-butyl ether	10.3	ug/L			10.0	103	85	---	115		20
Methylene chloride	12.3	ug/L			10.0	123	71	---	128		20
n-Butylbenzene	9.26	ug/L			10.0	93	88	---	122		20
n-Propylbenzene	9.96	ug/L			10.0	100	90	---	123		20
Naphthalene	9.11	ug/L			10.0	91	64	---	129		20
o-Xylene	9.25	ug/L			10.0	92	89	---	115		20
p-Isopropyltoluene	9.85	ug/L			10.0	98	91	---	119		20
sec-Butylbenzene	10.1	ug/L			10.0	101	92	---	122		20
Styrene	9.71	ug/L			10.0	97	90	---	116		20
tert-Butylbenzene	9.76	ug/L			10.0	98	90	---	118		20
Tetrachloroethene	10.0	ug/L			10.0	100	86	---	120		20
Tetrahydrofuran	124	ug/L			100	124	72	---	135		20
Toluene	9.82	ug/L			10.0	98	89	---	117		20
trans-1,2-Dichloroethene	9.81	ug/L			10.0	98	86	---	116		20
trans-1,3-Dichloropropene	10.2	ug/L			10.0	102	84	---	115		20
Trichloroethene	9.79	ug/L			10.0	98	86	---	117		20
Trichlorofluoromethane	10.6	ug/L			10.0	106	83	---	133		20
Vinyl acetate	105	ug/L			100	105	60	---	147		20
Vinyl chloride	9.42	ug/L			10.0	94	84	---	124		20

Method Blank Water

Analytical Run #:	273086	Analysis Date:	6/30/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1345437	Analysis Time:	09:05	Prep Date/Time:		Method:	SW8260C
Parent Sample #:		Analyst:	DGS	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.34	ug/L		U	0		0.34		
1,1,1-Trichloroethane	0.38	ug/L		U	0		0.38		
1,1,2,2-Tetrachloroethane	0.36	ug/L		U	0		0.36		
1,1,2-Trichloroethane	0.27	ug/L		U	0		0.27		
1,1-Dichloroethane	0.28	ug/L		U	0		0.28		
1,1-Dichloroethene	0.49	ug/L		U	0		0.49		
1,1-Dichloropropene	0.41	ug/L		U	0		0.41		
1,2 Dichloroethane-d4	102	% Recovery			100	102	83 --- 116		
1,2,3-Trichlorobenzene	0.43	ug/L		U	0		0.43		
1,2,3-Trichloropropane	0.35	ug/L		U	0		0.35		
1,2,4-Trichlorobenzene	0.50	ug/L		U	0		0.50		
1,2,4-Trimethylbenzene	0.34	ug/L		U	0		0.34		
1,2-Dibromo-3-chloropropane	0.49	ug/L		U	0		0.49		
1,2-Dibromoethane	0.33	ug/L		U	0		0.33		
1,2-Dichlorobenzene	0.36	ug/L		U	0		0.36		
1,2-Dichloroethane	0.69	ug/L		U	0		0.69		
1,2-Dichloropropane	0.37	ug/L		U	0		0.37		
1,3,5-Trimethylbenzene	0.30	ug/L		U	0		0.30		
1,3-Dichlorobenzene	0.30	ug/L		U	0		0.30		
1,3-Dichloropropane	0.28	ug/L		U	0		0.28		
1,4-Dichlorobenzene	0.33	ug/L		U	0		0.33		
2,2-Dichloropropane	0.31	ug/L		U	0		0.31		
2-Butanone	2.9	ug/L		U	0		2.9		
2-Chlorotoluene	0.31	ug/L		U	0		0.31		
2-Hexanone	3.3	ug/L		U	0		3.3		
4-Chlorotoluene	0.31	ug/L		U	0		0.31		
4-Methyl-2-pentanone	3.7	ug/L		U	0		3.7		
Acetone	4.1	ug/L		U	0		4.1		
Benzene	0.47	ug/L		U	0		0.47		
Bromobenzene	0.33	ug/L		U	0		0.33		
Bromochloromethane	0.26	ug/L		U	0		0.26		
Bromodichloromethane	0.76	ug/L		U	0		0.76		
Bromofluorobenzene	101	% Recovery			100	101	80 --- 129		
Bromoform	0.50	ug/L		U	0		0.50		
Bromomethane	0.72	ug/L		U	0		0.72		
Carbon disulfide	0.83	ug/L		U	0		0.83		
Carbon tetrachloride	0.37	ug/L		U	0		0.37		
Chlorobenzene	0.37	ug/L		U	0		0.37		
Chloroethane	1.1	ug/L		U	0		1.1		
Chloroform	0.46	ug/L		U	0		0.46		
Chloromethane	1.3	ug/L		U	0		1.3		
cis-1,2-Dichloroethene	0.41	ug/L		U	0		0.41		

Method Blank Water

Analytical Run #:	273086	Analysis Date:	6/30/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1345437	Analysis Time:	09:05	Prep Date/Time:		Method:	SW8260C
Parent Sample #:		Analyst:	DGS	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits			RPD	RPD Limit
cis-1,3-Dichloropropene	0.34	ug/L		U	0				0.34		
d8-Toluene	101	% Recovery			100	101	85	---	117		
Dibromochloromethane	0.36	ug/L		U	0				0.36		
Dibromofluoromethane	101	% Recovery			100	101	85	---	115		
Dibromomethane	0.45	ug/L		U	0				0.45		
Dichlorodifluoromethane	0.63	ug/L		U	0				0.63		
Diisopropyl ether	0.26	ug/L		U	0				0.26		
Ethylbenzene	0.42	ug/L		U	0				0.42		
Hexachlorobutadiene	0.57	ug/L		U	0				0.57		
Isopropylbenzene	0.39	ug/L		U	0				0.39		
m & p-Xylene	0.74	ug/L		U	0				0.74		
Methyl tert-butyl ether	0.28	ug/L		U	0				0.28		
Methylene chloride	1.2	ug/L		U	0				1.2		
n-Butylbenzene	0.34	ug/L		U	0				0.34		
n-Propylbenzene	0.34	ug/L		U	0				0.34		
Naphthalene	0.35	ug/L		U	0				0.35		
o-Xylene	0.72	ug/L		U	0				0.72		
p-Isopropyltoluene	0.29	ug/L		U	0				0.29		
sec-Butylbenzene	0.33	ug/L		U	0				0.33		
Styrene	0.33	ug/L		U	0				0.33		
tert-Butylbenzene	0.27	ug/L		U	0				0.27		
Tetrachloroethene	0.55	ug/L		U	0				0.55		
Tetrahydrofuran	3.4	ug/L		U	0				3.4		
Toluene	0.27	ug/L		U	0				0.27		
trans-1,2-Dichloroethene	0.35	ug/L		U	0				0.35		
trans-1,3-Dichloropropene	0.57	ug/L		U	0				0.57		
Trichloroethene	0.39	ug/L		U	0				0.39		
Trichlorofluoromethane	0.41	ug/L		U	0				0.41		
Vinyl acetate	6.4	ug/L		U	0				6.4		
Vinyl chloride	0.15	ug/L		U	0				0.15		

Lab Control Spike Water

Analytical Run #:	273087	Analysis Date:	6/26/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1340449	Analysis Time:	09:56	Prep Date/Time:		Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits			RPD	RPD Limit
1,1,1,2-Tetrachloroethane	3.94	ug/L			4.0	98	78	---	121		20
1,1,1-Trichloroethane	4.41	ug/L			4.0	110	82	---	122		20
1,1,2,2-Tetrachloroethane	3.92	ug/L			4.0	98	68	---	128		20
1,1,2-Trichloroethane	4.14	ug/L			4.0	104	84	---	114		20
1,1-Dichloroethane	4.07	ug/L			4.0	102	76	---	122		20
1,1-Dichloroethene	4.49	ug/L			4.0	112	83	---	123		20
1,1-Dichloropropene	4.60	ug/L			4.0	115	85	---	120		20
1,2 Dichloroethane-d4	111	% Recovery		S	100	111	87	---	107		
1,2,3-Trichlorobenzene	3.94	ug/L			4.0	98	78	---	121		20
1,2,3-Trichloropropane	3.85	ug/L			4.0	96	62	---	129		20
1,2,4-Trichlorobenzene	4.08	ug/L			4.0	102	80	---	120		20
1,2,4-Trimethylbenzene	4.13	ug/L			4.0	103	76	---	125		20
1,2-Dibromo-3-chloropropane	3.99	ug/L			4.0	100	69	---	125		20
1,2-Dibromoethane	3.90	ug/L			4.0	98	80	---	118		20
1,2-Dichlorobenzene	3.86	ug/L			4.0	96	80	---	117		20
1,2-Dichloroethane	3.97	ug/L			4.0	99	78	---	118		20
1,2-Dichloropropane	4.15	ug/L			4.0	104	78	---	121		20
1,3,5-Trimethylbenzene	4.19	ug/L			4.0	105	76	---	126		20
1,3-Dichlorobenzene	3.89	ug/L			4.0	97	78	---	119		20
1,3-Dichloropropane	4.28	ug/L			4.0	107	82	---	117		20
1,4-Dichlorobenzene	3.86	ug/L			4.0	96	77	---	118		20
2,2-Dichloropropane	4.38	ug/L			4.0	110	71	---	133		20
2-Butanone	47.1	ug/L			40.0	118	80	---	120		20
2-Chlorotoluene	3.86	ug/L			4.0	96	73	---	124		20
2-Hexanone	41.4	ug/L			40.0	104	73	---	127		20
4-Chlorotoluene	3.95	ug/L			4.0	99	74	---	125		20
4-Methyl-2-pentanone	43.8	ug/L			40.0	110	77	---	125		20
Acetone	45.0	ug/L			40.0	112	72	---	117		20
Benzene	4.07	ug/L			4.0	102	82	---	118		20
Bromobenzene	3.72	ug/L			4.0	93	77	---	118		20
Bromochloromethane	4.28	ug/L			4.0	107	81	---	116		20
Bromodichloromethane	4.12	ug/L			4.0	103	80	---	122		20
Bromofluorobenzene	100	% Recovery			100	100	90	---	108		
Bromoform	4.32	ug/L			4.0	108	72	---	124		20
Bromomethane	3.28	ug/L			4.0	82	25	---	156		20
Carbon disulfide	9.35	ug/L			8.0	117	81	---	124		20
Carbon tetrachloride	4.67	ug/L			4.0	117	87	---	129		20
Chlorobenzene	3.83	ug/L			4.0	96	78	---	118		20
Chloroethane	3.63	ug/L			4.0	91	73	---	126		20
Chloroform	3.94	ug/L			4.0	98	76	---	119		20
Chloromethane	3.39	ug/L			4.0	85	70	---	121		20
cis-1,2-Dichloroethene	4.12	ug/L			4.0	103	82	---	118		20

Lab Control Spike Water

Analytical Run #:	273087	Analysis Date:	6/26/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1340449	Analysis Time:	09:56	Prep Date/Time:		Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits			RPD	RPD Limit
cis-1,3-Dichloropropene	4.39	ug/L			4.0	110	81	---	123		20
d8-Toluene	106	% Recovery			100	106	93	---	108		
Dibromochloromethane	4.30	ug/L			4.0	108	76	---	124		20
Dibromofluoromethane	108	% Recovery		S	100	108	93	---	106		
Dibromomethane	4.13	ug/L			4.0	103	83	---	115		20
Dichlorodifluoromethane	3.32	ug/L			4.0	83	78	---	126		20
Diisopropyl ether	4.26	ug/L			4.0	106	75	---	125		20
Ethylbenzene	4.08	ug/L			4.0	102	78	---	125		20
Hexachlorobutadiene	4.28	ug/L			4.0	107	79	---	123		20
Isopropylbenzene	4.23	ug/L			4.0	106	81	---	124		20
m & p-Xylene	8.27	ug/L			8.0	103	80	---	123		20
Methyl tert-butyl ether	4.26	ug/L			4.0	106	82	---	116		20
Methylene chloride	3.91	ug/L			4.0	98	73	---	128		20
n-Butylbenzene	4.33	ug/L			4.0	108	76	---	127		20
n-Propylbenzene	4.15	ug/L			4.0	104	75	---	129		20
Naphthalene	3.84	ug/L			4.0	96	64	---	129		20
o-Xylene	4.05	ug/L			4.0	101	81	---	121		20
p-Isopropyltoluene	4.35	ug/L			4.0	109	79	---	126		20
sec-Butylbenzene	4.37	ug/L			4.0	109	76	---	128		20
Styrene	4.18	ug/L			4.0	104	81	---	122		20
tert-Butylbenzene	4.19	ug/L			4.0	105	76	---	125		20
Tetrachloroethene	4.44	ug/L			4.0	111	82	---	123		20
Tetrahydrofuran	39.7	ug/L			40.0	99	69	---	122		20
Toluene	4.18	ug/L			4.0	104	82	---	119		20
trans-1,2-Dichloroethene	4.30	ug/L			4.0	108	80	---	122		20
trans-1,3-Dichloropropene	4.33	ug/L			4.0	108	83	---	119		20
Trichloroethene	4.22	ug/L			4.0	106	82	---	120		20
Trichlorofluoromethane	4.39	ug/L			4.0	110	78	---	130		20
Vinyl acetate	42.1	ug/L			40.0	105	63	---	136		20
Vinyl chloride	3.88	ug/L			4.0	97	73	---	127		20

Method Blank Water

Analytical Run #:	273087	Analysis Date:	6/26/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1340548	Analysis Time:	11:22	Prep Date/Time:		Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.013	ug/L		U	0		0.013		
1,1,1-Trichloroethane	0.013	ug/L		U	0		0.013		
1,1,2,2-Tetrachloroethane	0.015	ug/L		U	0		0.015		
1,1,2-Trichloroethane	0.036	ug/L		U	0		0.036		
1,1-Dichloroethane	0.017	ug/L		U	0		0.017		
1,1-Dichloroethene	0.024	ug/L		U	0		0.024		
1,1-Dichloropropene	0.074	ug/L		U	0		0.074		
1,2 Dichloroethane-d4	103	% Recovery			100	103	68 --- 120		
1,2,3-Trichlorobenzene	0.019	ug/L		U	0		0.019		
1,2,3-Trichloropropane	0.031	ug/L		U	0		0.031		
1,2,4-Trichlorobenzene	0.0222	ug/L		U	0		0.0222		
1,2,4-Trimethylbenzene	0.011	ug/L		U	0		0.011		
1,2-Dibromo-3-chloropropane	0.12	ug/L		U	0		0.12		
1,2-Dibromoethane	0.029	ug/L		U	0		0.029		
1,2-Dichlorobenzene	0.016	ug/L		U	0		0.016		
1,2-Dichloroethane	0.017	ug/L		U	0		0.017		
1,2-Dichloropropane	0.013	ug/L		U	0		0.013		
1,3,5-Trimethylbenzene	0.013	ug/L		U	0		0.013		
1,3-Dichlorobenzene	0.013	ug/L		U	0		0.013		
1,3-Dichloropropane	0.020	ug/L		U	0		0.020		
1,4-Dichlorobenzene	0.017	ug/L		U	0		0.017		
2,2-Dichloropropane	0.075	ug/L		U	0		0.075		
2-Butanone	0.31	ug/L		U	0		0.31		
2-Chlorotoluene	0.020	ug/L		U	0		0.020		
2-Hexanone	0.15	ug/L		U	0		0.15		
4-Chlorotoluene	0.013	ug/L		U	0		0.013		
4-Methyl-2-pentanone	0.19	ug/L		U	0		0.19		
Acetone	1.96	ug/L			0		0.84		
Benzene	0.022	ug/L		U	0		0.022		
Bromobenzene	0.018	ug/L		U	0		0.018		
Bromochloromethane	0.034	ug/L		U	0		0.034		
Bromodichloromethane	0.019	ug/L		U	0		0.019		
Bromofluorobenzene	98.0	% Recovery			100	98.0	68 --- 120		
Bromoform	0.041	ug/L		U	0		0.041		
Bromomethane	0.052	ug/L		U	0		0.052		
Carbon disulfide	0.11	ug/L		U	0		0.11		
Carbon tetrachloride	0.018	ug/L		U	0		0.018		
Chlorobenzene	0.013	ug/L		U	0		0.013		
Chloroethane	0.40	ug/L		U	0		0.40		
Chloroform	0.016	ug/L		U	0		0.016		
Chloromethane	0.045	ug/L		U	0		0.045		
cis-1,2-Dichloroethene	0.023	ug/L		U	0		0.023		

Method Blank Water

Analytical Run #:	273087	Analysis Date:	6/26/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1340548	Analysis Time:	11:22	Prep Date/Time:		Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.014	ug/L		U	0		0.014		
d8-Toluene	100	% Recovery			100	100	71 --- 117		
Dibromochloromethane	0.016	ug/L		U	0		0.016		
Dibromofluoromethane	104	% Recovery			100	104	67 --- 122		
Dibromomethane	0.018	ug/L		U	0		0.018		
Dichlorodifluoromethane	0.091	ug/L		U	0		0.091		
Diisopropyl ether	0.015	ug/L		U	0		0.015		
Ethylbenzene	0.014	ug/L		U	0		0.014		
Hexachlorobutadiene	0.027	ug/L		U	0		0.027		
Isopropylbenzene	0.020	ug/L		U	0		0.020		
m & p-Xylene	0.030	ug/L		U	0		0.030		
Methyl tert-butyl ether	0.014	ug/L		U	0		0.014		
Methylene chloride	0.090	ug/L		U	0		0.090		
n-Butylbenzene	0.021	ug/L		U	0		0.021		
n-Propylbenzene	0.020	ug/L		U	0		0.020		
Naphthalene	0.025	ug/L		U	0		0.025		
o-Xylene	0.016	ug/L		U	0		0.016		
p-Isopropyltoluene	0.016	ug/L		U	0		0.016		
sec-Butylbenzene	0.021	ug/L		U	0		0.021		
Styrene	0.014	ug/L		U	0		0.014		
tert-Butylbenzene	0.020	ug/L		U	0		0.020		
Tetrachloroethene	0.028	ug/L		U	0		0.028		
Tetrahydrofuran	0.38	ug/L		U	0		0.38		
Toluene	0.020	ug/L		U	0		0.020		
trans-1,2-Dichloroethene	0.020	ug/L		U	0		0.020		
trans-1,3-Dichloropropene	0.020	ug/L		U	0		0.020		
Trichloroethene	0.022	ug/L		U	0		0.022		
Trichlorofluoromethane	0.033	ug/L		U	0		0.033		
Vinyl acetate	0.14	ug/L		U	0		0.14		
Vinyl chloride	0.019	ug/L		U	0		0.019		

Matrix Spike Duplicate Water

Analytical Run #:	273087	Analysis Date:	6/26/2023	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	1341234	Analysis Time:	20:52	Prep Date/Time:		Method:	SW8260C
Parent Sample #:	1341233	Analyst:	RLD	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	3.60	ug/L	BDL		4.0	90	67 --- 122	2	21
1,1,1-Trichloroethane	4.03	ug/L	BDL		4.0	101	69 --- 128	7	20
1,1,2,2-Tetrachloroethane	3.50	ug/L	BDL		4.0	88	54 --- 130	0	22
1,1,2-Trichloroethane	3.61	ug/L	BDL		4.0	90	67 --- 116	9	25
1,1-Dichloroethane	3.77	ug/L	BDL		4.0	94	64 --- 124	6	25
1,1-Dichloroethene	4.19	ug/L	BDL		4.0	105	70 --- 130	6	24
1,1-Dichloropropene	4.40	ug/L	BDL		4.0	110	74 --- 127	3	21
1,2 Dichloroethane-d4	102	% Recovery			100	102	86 --- 106	0	7
1,2,3-Trichlorobenzene	3.79	ug/L	BDL		4.0	95	56 --- 134	6	31
1,2,3-Trichloropropane	3.17	ug/L	BDL		4.0	79	54 --- 117	0	26
1,2,4-Trichlorobenzene	3.72	ug/L	BDL		4.0	93	56 --- 133	4	29
1,2,4-Trimethylbenzene	3.36	ug/L	BDL		4.0	84	63 --- 132	12	36
1,2-Dibromo-3-chloropropane	3.34	ug/L	BDL		4.0	84	48 --- 121	0	34
1,2-Dibromoethane	3.50	ug/L	BDL		4.0	88	66 --- 114	5	22
1,2-Dichlorobenzene	3.43	ug/L	BDL		4.0	86	63 --- 124	4	23
1,2-Dichloroethane	3.63	ug/L	BDL		4.0	91	60 --- 117	7	21
1,2-Dichloropropane	3.77	ug/L	BDL		4.0	94	67 --- 121	3	19
1,3,5-Trimethylbenzene	3.28	ug/L	BDL		4.0	82	68 --- 130	17	34
1,3-Dichlorobenzene	3.55	ug/L	BDL		4.0	89	66 --- 126	4	22
1,3-Dichloropropane	3.69	ug/L	BDL		4.0	92	67 --- 114	5	23
1,4-Dichlorobenzene	3.54	ug/L	BDL		4.0	88	65 --- 125	3	22
2,2-Dichloropropane	3.84	ug/L	BDL		4.0	96	57 --- 136	1	21
2-Butanone	34.5	ug/L	BDL		40.0	86	67 --- 110	2	29
2-Chlorotoluene	3.53	ug/L	BDL		4.0	88	61 --- 134	3	20
2-Hexanone	37.6	ug/L	BDL		40.0	94	51 --- 128	10	28
4-Chlorotoluene	3.59	ug/L	BDL		4.0	90	65 --- 129	3	22
4-Methyl-2-pentanone	38.3	ug/L	BDL		40.0	96	55 --- 125	0	29
Acetone	27.7	ug/L	1.6		40.0	65	41 --- 101	11	39
Benzene	3.75	ug/L	BDL		4.0	94	71 --- 120	5	17
Bromobenzene	3.43	ug/L	BDL		4.0	86	63 --- 129	2	20
Bromochloromethane	3.73	ug/L	BDL		4.0	93	69 --- 113	3	22
Bromodichloromethane	3.56	ug/L	BDL		4.0	89	66 --- 119	4	20
Bromofluorobenzene	98.0	% Recovery			100	98.0	75 --- 124	0	7
Bromoform	2.97	ug/L	BDL		4.0	74	57 --- 116	3	28
Bromomethane	3.33	ug/L	BDL		4.0	83	11 --- 144	8	34
Carbon disulfide	8.45	ug/L	BDL		8.0	106	62 --- 136	4	31
Carbon tetrachloride	4.29	ug/L	BDL		4.0	107	80 --- 133	5	20
Chlorobenzene	3.69	ug/L	BDL		4.0	92	69 --- 120	2	21
Chloroethane	3.81	ug/L	BDL		4.0	95	61 --- 129	4	26
Chloroform	3.68	ug/L	BDL		4.0	92	64 --- 121	4	18
Chloromethane	3.80	ug/L	BDL		4.0	95	58 --- 120	6	21
cis-1,2-Dichloroethene	3.71	ug/L	BDL		4.0	93	71 --- 117	4	21

Matrix Spike Duplicate Water

Analytical Run #:	273087	Analysis Date:	6/26/2023	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	1341234	Analysis Time:	20:52	Prep Date/Time:		Method:	SW8260C
Parent Sample #:	1341233	Analyst:	RLD	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	3.46	ug/L	BDL		4.0	86	66 --- 116	3	21
d8-Toluene	101	% Recovery			100	101	94 --- 105	0	7
Dibromochloromethane	3.47	ug/L	BDL		4.0	87	64 --- 115	3	23
Dibromofluoromethane	103	% Recovery			100	103	90 --- 108	0	7
Dibromomethane	3.65	ug/L	BDL		4.0	91	68 --- 111	1	21
Dichlorodifluoromethane	4.51	ug/L	BDL		4.0	113	68 --- 141	4	22
Diisopropyl ether	3.86	ug/L	BDL		4.0	96	57 --- 129	3	27
Ethylbenzene	3.72	ug/L	BDL		4.0	93	70 --- 128	3	24
Hexachlorobutadiene	4.04	ug/L	BDL		4.0	101	57 --- 146	2	30
Isopropylbenzene	3.99	ug/L	BDL		4.0	100	72 --- 131	3	24
m & p-Xylene	7.41	ug/L	BDL		8.0	93	70 --- 128	7	28
Methyl tert-butyl ether	3.69	ug/L	BDL		4.0	92	60 --- 116	2	33
Methylene chloride	3.37	ug/L	BDL		4.0	84	29 --- 139	4	36
n-Butylbenzene	4.10	ug/L	BDL		4.0	102	67 --- 136	5	24
n-Propylbenzene	3.85	ug/L	BDL		4.0	96	64 --- 143	3	23
Naphthalene	3.55	ug/L	BDL		4.0	89	58 --- 122	15	31
o-Xylene	3.62	ug/L	BDL		4.0	90	71 --- 123	5	26
p-Isopropyltoluene	3.92	ug/L	BDL		4.0	98	71 --- 135	6	27
sec-Butylbenzene	4.10	ug/L	BDL		4.0	102	71 --- 137	4	23
Styrene	3.07	ug/L	BDL		4.0	77	70 --- 125	22	40
tert-Butylbenzene	3.90	ug/L	BDL		4.0	98	70 --- 133	4	22
Tetrachloroethene	4.01	ug/L	BDL		4.0	100	75 --- 127	6	21
Tetrahydrofuran	34.3	ug/L	BDL		40.0	86	48 --- 111	2	28
Toluene	3.73	ug/L	BDL		4.0	93	71 --- 120	6	19
trans-1,2-Dichloroethene	3.84	ug/L	BDL		4.0	96	72 --- 121	6	28
trans-1,3-Dichloropropene	3.30	ug/L	BDL		4.0	82	69 --- 109	3	21
Trichloroethene	3.81	ug/L	BDL		4.0	95	73 --- 118	5	19
Trichlorofluoromethane	4.32	ug/L	BDL		4.0	108	75 --- 134	3	23
Vinyl acetate	36.8	ug/L	BDL		40.0	92	55 --- 127	1	25
Vinyl chloride	4.33	ug/L	BDL		4.0	108	61 --- 130	4	21

Matrix Spike Water

Analytical Run #:	273087	Analysis Date:	6/26/2023	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	1341233	Analysis Time:	20:23	Prep Date/Time:		Method:	SW8260C
Parent Sample #:	1339913	Analyst:	RLD	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	3.68	ug/L	BDL		4.0	92	67 --- 122		21
1,1,1-Trichloroethane	4.30	ug/L	BDL		4.0	108	69 --- 128		20
1,1,2,2-Tetrachloroethane	3.50	ug/L	BDL		4.0	88	54 --- 130		22
1,1,2-Trichloroethane	3.95	ug/L	BDL		4.0	99	67 --- 116		25
1,1-Dichloroethane	4.01	ug/L	BDL		4.0	100	64 --- 124		25
1,1-Dichloroethene	4.46	ug/L	BDL		4.0	112	70 --- 130		24
1,1-Dichloropropene	4.53	ug/L	BDL		4.0	113	74 --- 127		21
1,2 Dichloroethane-d4	103	% Recovery			100	103	86 --- 106		7
1,2,3-Trichlorobenzene	3.57	ug/L	BDL		4.0	89	56 --- 134		31
1,2,3-Trichloropropane	3.16	ug/L	BDL		4.0	79	54 --- 117		26
1,2,4-Trichlorobenzene	3.56	ug/L	BDL		4.0	89	56 --- 133		29
1,2,4-Trimethylbenzene	3.81	ug/L	BDL		4.0	95	63 --- 132		36
1,2-Dibromo-3-chloropropane	3.34	ug/L	BDL		4.0	84	48 --- 121		34
1,2-Dibromoethane	3.67	ug/L	BDL		4.0	92	66 --- 114		22
1,2-Dichlorobenzene	3.58	ug/L	BDL		4.0	90	63 --- 124		23
1,2-Dichloroethane	3.91	ug/L	BDL		4.0	98	60 --- 117		21
1,2-Dichloropropane	3.87	ug/L	BDL		4.0	97	67 --- 121		19
1,3,5-Trimethylbenzene	3.87	ug/L	BDL		4.0	97	68 --- 130		34
1,3-Dichlorobenzene	3.70	ug/L	BDL		4.0	92	66 --- 126		22
1,3-Dichloropropane	3.88	ug/L	BDL		4.0	97	67 --- 114		23
1,4-Dichlorobenzene	3.65	ug/L	BDL		4.0	91	65 --- 125		22
2,2-Dichloropropane	3.88	ug/L	BDL		4.0	97	57 --- 136		21
2-Butanone	35.1	ug/L	BDL		40.0	88	67 --- 110		29
2-Chlorotoluene	3.64	ug/L	BDL		4.0	91	61 --- 134		20
2-Hexanone	34.2	ug/L	BDL		40.0	86	51 --- 128		28
4-Chlorotoluene	3.72	ug/L	BDL		4.0	93	65 --- 129		22
4-Methyl-2-pentanone	38.3	ug/L	BDL		40.0	96	55 --- 125		29
Acetone	24.7	ug/L	1.6		40.0	58	41 --- 101		39
Benzene	3.93	ug/L	BDL		4.0	98	71 --- 120		17
Bromobenzene	3.49	ug/L	BDL		4.0	87	63 --- 129		20
Bromochloromethane	3.83	ug/L	BDL		4.0	96	69 --- 113		22
Bromodichloromethane	3.69	ug/L	BDL		4.0	92	66 --- 119		20
Bromofluorobenzene	95.0	% Recovery			100	95.0	75 --- 124		7
Bromoform	3.06	ug/L	BDL		4.0	76	57 --- 116		28
Bromomethane	3.06	ug/L	BDL		4.0	76	11 --- 144		34
Carbon disulfide	8.82	ug/L	BDL		8.0	110	62 --- 136		31
Carbon tetrachloride	4.53	ug/L	BDL		4.0	113	80 --- 133		20
Chlorobenzene	3.76	ug/L	BDL		4.0	94	69 --- 120		21
Chloroethane	3.98	ug/L	BDL		4.0	100	61 --- 129		26
Chloroform	3.84	ug/L	BDL		4.0	96	64 --- 121		18
Chloromethane	4.04	ug/L	BDL		4.0	101	58 --- 120		21
cis-1,2-Dichloroethene	3.88	ug/L	BDL		4.0	97	71 --- 117		21

Matrix Spike Water

Analytical Run #:	273087	Analysis Date:	6/26/2023	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	1341233	Analysis Time:	20:23	Prep Date/Time:		Method:	SW8260C
Parent Sample #:	1339913	Analyst:	RLD	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	3.57	ug/L	BDL		4.0	89	66 --- 116		21
d8-Toluene	103	% Recovery			100	103	94 --- 105		7
Dibromochloromethane	3.38	ug/L	BDL		4.0	84	64 --- 115		23
Dibromofluoromethane	103	% Recovery			100	103	90 --- 108		7
Dibromomethane	3.69	ug/L	BDL		4.0	92	68 --- 111		21
Dichlorodifluoromethane	4.69	ug/L	BDL		4.0	117	68 --- 141		22
Diisopropyl ether	3.97	ug/L	BDL		4.0	99	57 --- 129		27
Ethylbenzene	3.85	ug/L	BDL		4.0	96	70 --- 128		24
Hexachlorobutadiene	4.14	ug/L	BDL		4.0	104	57 --- 146		30
Isopropylbenzene	4.12	ug/L	BDL		4.0	103	72 --- 131		24
m & p-Xylene	7.92	ug/L	BDL		8.0	99	70 --- 128		28
Methyl tert-butyl ether	3.76	ug/L	BDL		4.0	94	60 --- 116		33
Methylene chloride	3.49	ug/L	BDL		4.0	87	29 --- 139		36
n-Butylbenzene	4.30	ug/L	BDL		4.0	108	67 --- 136		24
n-Propylbenzene	3.98	ug/L	BDL		4.0	100	64 --- 143		23
Naphthalene	3.07	ug/L	BDL		4.0	77	58 --- 122		31
o-Xylene	3.81	ug/L	BDL		4.0	95	71 --- 123		26
p-Isopropyltoluene	4.16	ug/L	BDL		4.0	104	71 --- 135		27
sec-Butylbenzene	4.26	ug/L	BDL		4.0	106	71 --- 137		23
Styrene	3.81	ug/L	BDL		4.0	95	70 --- 125		40
tert-Butylbenzene	4.06	ug/L	BDL		4.0	102	70 --- 133		22
Tetrachloroethene	4.28	ug/L	BDL		4.0	107	75 --- 127		21
Tetrahydrofuran	34.9	ug/L	BDL		40.0	87	48 --- 111		28
Toluene	3.98	ug/L	BDL		4.0	100	71 --- 120		19
trans-1,2-Dichloroethene	4.09	ug/L	BDL		4.0	102	72 --- 121		28
trans-1,3-Dichloropropene	3.40	ug/L	BDL		4.0	85	69 --- 109		21
Trichloroethene	4.02	ug/L	BDL		4.0	100	73 --- 118		19
Trichlorofluoromethane	4.44	ug/L	BDL		4.0	111	75 --- 134		23
Vinyl acetate	36.3	ug/L	BDL		40.0	91	55 --- 127		25
Vinyl chloride	4.49	ug/L	BDL		4.0	112	61 --- 130		21

Lab Control Spike Water

Analytical Run #:	273088	Analysis Date:	6/27/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1341250	Analysis Time:	08:07	Prep Date/Time:		Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits			RPD	RPD Limit
1,1,1,2-Tetrachloroethane	4.00	ug/L			4.0	100	78	---	121		20
1,1,1-Trichloroethane	4.21	ug/L			4.0	105	82	---	122		20
1,1,2,2-Tetrachloroethane	3.86	ug/L			4.0	96	68	---	128		20
1,1,2-Trichloroethane	4.10	ug/L			4.0	102	84	---	114		20
1,1-Dichloroethane	4.03	ug/L			4.0	101	76	---	122		20
1,1-Dichloroethene	4.23	ug/L			4.0	106	83	---	123		20
1,1-Dichloropropene	4.57	ug/L			4.0	114	85	---	120		20
1,2 Dichloroethane-d4	101	% Recovery			100	101	87	---	107		
1,2,3-Trichlorobenzene	4.11	ug/L			4.0	103	78	---	121		20
1,2,3-Trichloropropane	3.64	ug/L			4.0	91	62	---	129		20
1,2,4-Trichlorobenzene	4.00	ug/L			4.0	100	80	---	120		20
1,2,4-Trimethylbenzene	4.12	ug/L			4.0	103	76	---	125		20
1,2-Dibromo-3-chloropropane	4.17	ug/L			4.0	104	69	---	125		20
1,2-Dibromoethane	3.98	ug/L			4.0	100	80	---	118		20
1,2-Dichlorobenzene	3.79	ug/L			4.0	95	80	---	117		20
1,2-Dichloroethane	3.94	ug/L			4.0	98	78	---	118		20
1,2-Dichloropropane	4.01	ug/L			4.0	100	78	---	121		20
1,3,5-Trimethylbenzene	4.15	ug/L			4.0	104	76	---	126		20
1,3-Dichlorobenzene	3.84	ug/L			4.0	96	78	---	119		20
1,3-Dichloropropane	4.02	ug/L			4.0	100	82	---	117		20
1,4-Dichlorobenzene	3.81	ug/L			4.0	95	77	---	118		20
2,2-Dichloropropane	4.17	ug/L			4.0	104	71	---	133		20
2-Butanone	44.8	ug/L			40.0	112	80	---	120		20
2-Chlorotoluene	3.79	ug/L			4.0	95	73	---	124		20
2-Hexanone	47.5	ug/L			40.0	119	73	---	127		20
4-Chlorotoluene	3.89	ug/L			4.0	97	74	---	125		20
4-Methyl-2-pentanone	42.7	ug/L			40.0	107	77	---	125		20
Acetone	44.9	ug/L			40.0	112	72	---	117		20
Benzene	3.94	ug/L			4.0	98	82	---	118		20
Bromobenzene	3.77	ug/L			4.0	94	77	---	118		20
Bromochloromethane	3.98	ug/L			4.0	100	81	---	116		20
Bromodichloromethane	4.03	ug/L			4.0	101	80	---	122		20
Bromofluorobenzene	100	% Recovery			100	100	90	---	108		
Bromoform	4.25	ug/L			4.0	106	72	---	124		20
Bromomethane	3.23	ug/L			4.0	81	25	---	156		20
Carbon disulfide	8.95	ug/L			8.0	112	81	---	124		20
Carbon tetrachloride	4.53	ug/L			4.0	113	87	---	129		20
Chlorobenzene	3.92	ug/L			4.0	98	78	---	118		20
Chloroethane	3.77	ug/L			4.0	94	73	---	126		20
Chloroform	3.91	ug/L			4.0	98	76	---	119		20
Chloromethane	3.36	ug/L			4.0	84	70	---	121		20
cis-1,2-Dichloroethene	4.05	ug/L			4.0	101	82	---	118		20

Lab Control Spike Water

Analytical Run #:	273088	Analysis Date:	6/27/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1341250	Analysis Time:	08:07	Prep Date/Time:		Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	4.13	ug/L			4.0	103	81 --- 123		20
d8-Toluene	101	% Recovery			100	101	93 --- 108		
Dibromochloromethane	4.31	ug/L			4.0	108	76 --- 124		20
Dibromofluoromethane	103	% Recovery			100	103	93 --- 106		
Dibromomethane	3.93	ug/L			4.0	98	83 --- 115		20
Dichlorodifluoromethane	3.43	ug/L			4.0	86	78 --- 126		20
Diisopropyl ether	4.07	ug/L			4.0	102	75 --- 125		20
Ethylbenzene	4.09	ug/L			4.0	102	78 --- 125		20
Hexachlorobutadiene	4.10	ug/L			4.0	102	79 --- 123		20
Isopropylbenzene	4.22	ug/L			4.0	106	81 --- 124		20
m & p-Xylene	8.37	ug/L			8.0	105	80 --- 123		20
Methyl tert-butyl ether	4.04	ug/L			4.0	101	82 --- 116		20
Methylene chloride	3.74	ug/L			4.0	94	73 --- 128		20
n-Butylbenzene	4.28	ug/L			4.0	107	76 --- 127		20
n-Propylbenzene	4.16	ug/L			4.0	104	75 --- 129		20
Naphthalene	3.75	ug/L			4.0	94	64 --- 129		20
o-Xylene	4.05	ug/L			4.0	101	81 --- 121		20
p-Isopropyltoluene	4.29	ug/L			4.0	107	79 --- 126		20
sec-Butylbenzene	4.34	ug/L			4.0	108	76 --- 128		20
Styrene	4.29	ug/L			4.0	107	81 --- 122		20
tert-Butylbenzene	4.13	ug/L			4.0	103	76 --- 125		20
Tetrachloroethene	4.21	ug/L			4.0	105	82 --- 123		20
Tetrahydrofuran	38.9	ug/L			40.0	97	69 --- 122		20
Toluene	4.00	ug/L			4.0	100	82 --- 119		20
trans-1,2-Dichloroethene	4.06	ug/L			4.0	102	80 --- 122		20
trans-1,3-Dichloropropene	4.12	ug/L			4.0	103	83 --- 119		20
Trichloroethene	4.04	ug/L			4.0	101	82 --- 120		20
Trichlorofluoromethane	4.18	ug/L			4.0	104	78 --- 130		20
Vinyl acetate	40.1	ug/L			40.0	100	63 --- 136		20
Vinyl chloride	3.89	ug/L			4.0	97	73 --- 127		20

Method Blank Water

Analytical Run #:	273088	Analysis Date:	6/27/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1341357	Analysis Time:	09:33	Prep Date/Time:		Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	0.013	ug/L		U	0		0.013		
1,1,1-Trichloroethane	0.013	ug/L		U	0		0.013		
1,1,2,2-Tetrachloroethane	0.015	ug/L		U	0		0.015		
1,1,2-Trichloroethane	0.036	ug/L		U	0		0.036		
1,1-Dichloroethane	0.017	ug/L		U	0		0.017		
1,1-Dichloroethene	0.024	ug/L		U	0		0.024		
1,1-Dichloropropene	0.074	ug/L		U	0		0.074		
1,2 Dichloroethane-d4	102	% Recovery			100	102	68 --- 120		
1,2,3-Trichlorobenzene	0.019	ug/L		U	0		0.019		
1,2,3-Trichloropropane	0.031	ug/L		U	0		0.031		
1,2,4-Trichlorobenzene	0.0222	ug/L		U	0		0.0222		
1,2,4-Trimethylbenzene	0.011	ug/L		U	0		0.011		
1,2-Dibromo-3-chloropropane	0.12	ug/L		U	0		0.12		
1,2-Dibromoethane	0.029	ug/L		U	0		0.029		
1,2-Dichlorobenzene	0.016	ug/L		U	0		0.016		
1,2-Dichloroethane	0.017	ug/L		U	0		0.017		
1,2-Dichloropropane	0.013	ug/L		U	0		0.013		
1,3,5-Trimethylbenzene	0.013	ug/L		U	0		0.013		
1,3-Dichlorobenzene	0.013	ug/L		U	0		0.013		
1,3-Dichloropropane	0.020	ug/L		U	0		0.020		
1,4-Dichlorobenzene	0.017	ug/L		U	0		0.017		
2,2-Dichloropropane	0.075	ug/L		U	0		0.075		
2-Butanone	0.31	ug/L		U	0		0.31		
2-Chlorotoluene	0.020	ug/L		U	0		0.020		
2-Hexanone	0.15	ug/L		U	0		0.15		
4-Chlorotoluene	0.013	ug/L		U	0		0.013		
4-Methyl-2-pentanone	0.19	ug/L		U	0		0.19		
Acetone	2.13	ug/L			0		0.84		
Benzene	0.022	ug/L		U	0		0.022		
Bromobenzene	0.018	ug/L		U	0		0.018		
Bromochloromethane	0.034	ug/L		U	0		0.034		
Bromodichloromethane	0.019	ug/L		U	0		0.019		
Bromofluorobenzene	100	% Recovery			100	100	68 --- 120		
Bromoform	0.041	ug/L		U	0		0.041		
Bromomethane	0.052	ug/L		U	0		0.052		
Carbon disulfide	0.11	ug/L		U	0		0.11		
Carbon tetrachloride	0.018	ug/L		U	0		0.018		
Chlorobenzene	0.013	ug/L		U	0		0.013		
Chloroethane	0.40	ug/L		U	0		0.40		
Chloroform	0.016	ug/L		U	0		0.016		
Chloromethane	0.045	ug/L		U	0		0.045		
cis-1,2-Dichloroethene	0.023	ug/L		U	0		0.023		

Method Blank Water

Analytical Run #:	273088	Analysis Date:	6/27/2023	Prep Batch #:		Matrix:	LIQUID
CTLab #:	1341357	Analysis Time:	09:33	Prep Date/Time:		Method:	SW8260C
Parent Sample #:		Analyst:	RLD	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.014	ug/L		U	0		0.014		
d8-Toluene	101	% Recovery			100	101	71 --- 117		
Dibromochloromethane	0.016	ug/L		U	0		0.016		
Dibromofluoromethane	101	% Recovery			100	101	67 --- 122		
Dibromomethane	0.018	ug/L		U	0		0.018		
Dichlorodifluoromethane	0.091	ug/L		U	0		0.091		
Diisopropyl ether	0.015	ug/L		U	0		0.015		
Ethylbenzene	0.014	ug/L		U	0		0.014		
Hexachlorobutadiene	0.027	ug/L		U	0		0.027		
Isopropylbenzene	0.020	ug/L		U	0		0.020		
m & p-Xylene	0.030	ug/L		U	0		0.030		
Methyl tert-butyl ether	0.014	ug/L		U	0		0.014		
Methylene chloride	0.090	ug/L		U	0		0.090		
n-Butylbenzene	0.021	ug/L		U	0		0.021		
n-Propylbenzene	0.020	ug/L		U	0		0.020		
Naphthalene	0.025	ug/L		U	0		0.025		
o-Xylene	0.016	ug/L		U	0		0.016		
p-Isopropyltoluene	0.016	ug/L		U	0		0.016		
sec-Butylbenzene	0.021	ug/L		U	0		0.021		
Styrene	0.014	ug/L		U	0		0.014		
tert-Butylbenzene	0.020	ug/L		U	0		0.020		
Tetrachloroethene	0.028	ug/L		U	0		0.028		
Tetrahydrofuran	0.38	ug/L		U	0		0.38		
Toluene	0.020	ug/L		U	0		0.020		
trans-1,2-Dichloroethene	0.020	ug/L		U	0		0.020		
trans-1,3-Dichloropropene	0.020	ug/L		U	0		0.020		
Trichloroethene	0.022	ug/L		U	0		0.022		
Trichlorofluoromethane	0.033	ug/L		U	0		0.033		
Vinyl acetate	0.14	ug/L		U	0		0.14		
Vinyl chloride	0.019	ug/L		U	0		0.019		

Matrix Spike Duplicate Water

Analytical Run #:	273088	Analysis Date:	6/27/2023	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	1341763	Analysis Time:	20:09	Prep Date/Time:		Method:	SW8260C
Parent Sample #:	1341762	Analyst:	RLD	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	3.84	ug/L	BDL		4.0	96	67 --- 122	2	21
1,1,1-Trichloroethane	4.56	ug/L	BDL		4.0	114	69 --- 128	3	20
1,1,2,2-Tetrachloroethane	3.47	ug/L	BDL		4.0	87	54 --- 130	6	22
1,1,2-Trichloroethane	3.91	ug/L	BDL		4.0	98	67 --- 116	4	25
1,1-Dichloroethane	4.17	ug/L	BDL		4.0	104	64 --- 124	5	25
1,1-Dichloroethene	4.72	ug/L	BDL		4.0	118	70 --- 130	2	24
1,1-Dichloropropene	4.80	ug/L	BDL		4.0	120	74 --- 127	5	21
1,2 Dichloroethane-d4	100	% Recovery			100	100	86 --- 106	0	7
1,2,3-Trichlorobenzene	3.75	ug/L	BDL		4.0	94	56 --- 134	2	31
1,2,3-Trichloropropane	3.12	ug/L	BDL		4.0	78	54 --- 117	6	26
1,2,4-Trichlorobenzene	3.77	ug/L	BDL		4.0	94	56 --- 133	2	29
1,2,4-Trimethylbenzene	3.67	ug/L	BDL		4.0	92	63 --- 132	12	36
1,2-Dibromo-3-chloropropane	3.57	ug/L	BDL		4.0	89	48 --- 121	10	34
1,2-Dibromoethane	3.63	ug/L	BDL		4.0	91	66 --- 114	7	22
1,2-Dichlorobenzene	3.72	ug/L	BDL		4.0	93	63 --- 124	3	23
1,2-Dichloroethane	3.92	ug/L	BDL		4.0	98	60 --- 117	4	21
1,2-Dichloropropane	4.13	ug/L	BDL		4.0	103	67 --- 121	4	19
1,3,5-Trimethylbenzene	3.74	ug/L	BDL		4.0	94	68 --- 130	10	34
1,3-Dichlorobenzene	3.74	ug/L	BDL		4.0	94	66 --- 126	3	22
1,3-Dichloropropane	3.95	ug/L	BDL		4.0	99	67 --- 114	4	23
1,4-Dichlorobenzene	3.68	ug/L	BDL		4.0	92	65 --- 125	5	22
2,2-Dichloropropane	4.16	ug/L	BDL		4.0	104	57 --- 136	3	21
2-Butanone	37.9	ug/L	BDL		40.0	95	67 --- 110	7	29
2-Chlorotoluene	3.77	ug/L	BDL		4.0	94	61 --- 134	4	20
2-Hexanone	36.9	ug/L	BDL		40.0	92	51 --- 128	2	28
4-Chlorotoluene	3.83	ug/L	BDL		4.0	96	65 --- 129	4	22
4-Methyl-2-pentanone	40.2	ug/L	BDL		40.0	100	55 --- 125	5	29
Acetone	29.0	ug/L	1.7		40.0	68	41 --- 101	3	39
Benzene	4.16	ug/L	BDL		4.0	104	71 --- 120	4	17
Bromobenzene	3.59	ug/L	BDL		4.0	90	63 --- 129	3	20
Bromochloromethane	4.04	ug/L	BDL		4.0	101	69 --- 113	5	22
Bromodichloromethane	3.85	ug/L	BDL		4.0	96	66 --- 119	3	20
Bromofluorobenzene	95.0	% Recovery			100	95.0	75 --- 124	0	7
Bromoform	3.14	ug/L	BDL		4.0	78	57 --- 116	3	28
Bromomethane	3.67	ug/L	BDL		4.0	92	11 --- 144	1	34
Carbon disulfide	9.51	ug/L	BDL		8.0	119	62 --- 136	0	31
Carbon tetrachloride	4.77	ug/L	BDL		4.0	119	80 --- 133	3	20
Chlorobenzene	3.90	ug/L	BDL		4.0	98	69 --- 120	4	21
Chloroethane	4.35	ug/L	BDL		4.0	109	61 --- 129	1	26
Chloroform	4.10	ug/L	BDL		4.0	102	64 --- 121	2	18
Chloromethane	4.21	ug/L	BDL		4.0	105	58 --- 120	0	21
cis-1,2-Dichloroethene	4.26	ug/L	BDL		4.0	106	71 --- 117	1	21

Matrix Spike Duplicate Water

Analytical Run #:	273088	Analysis Date:	6/27/2023	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	1341763	Analysis Time:	20:09	Prep Date/Time:		Method:	SW8260C
Parent Sample #:	1341762	Analyst:	RLD	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits			RPD	RPD Limit
cis-1,3-Dichloropropene	3.77	ug/L	BDL		4.0	94	66	---	116	5	21
d8-Toluene	103	% Recovery			100	103	94	---	105	0	7
Dibromochloromethane	3.54	ug/L	BDL		4.0	88	64	---	115	2	23
Dibromofluoromethane	102	% Recovery			100	102	90	---	108	0	7
Dibromomethane	3.88	ug/L	BDL		4.0	97	68	---	111	4	21
Dichlorodifluoromethane	5.00	ug/L	BDL		4.0	125	68	---	141	0	22
Diisopropyl ether	4.24	ug/L	BDL		4.0	106	57	---	129	1	27
Ethylbenzene	4.03	ug/L	BDL		4.0	101	70	---	128	4	24
Hexachlorobutadiene	4.13	ug/L	BDL		4.0	103	57	---	146	3	30
Isopropylbenzene	4.31	ug/L	BDL		4.0	108	72	---	131	4	24
m & p-Xylene	8.25	ug/L	BDL		8.0	103	70	---	128	4	28
Methyl tert-butyl ether	3.93	ug/L	BDL		4.0	98	60	---	116	3	33
Methylene chloride	3.71	ug/L	BDL		4.0	93	29	---	139	5	36
n-Butylbenzene	4.42	ug/L	BDL		4.0	110	67	---	136	2	24
n-Propylbenzene	4.17	ug/L	BDL		4.0	104	64	---	143	3	23
Naphthalene	3.57	ug/L	BDL		4.0	89	58	---	122	2	31
o-Xylene	3.91	ug/L	BDL		4.0	98	71	---	123	3	26
p-Isopropyltoluene	4.27	ug/L	BDL		4.0	107	71	---	135	4	27
sec-Butylbenzene	4.44	ug/L	BDL		4.0	111	71	---	137	2	23
Styrene	3.46	ug/L	BDL		4.0	86	70	---	125	20	40
tert-Butylbenzene	4.16	ug/L	BDL		4.0	104	70	---	133	3	22
Tetrachloroethene	4.52	ug/L	BDL		4.0	113	75	---	127	6	21
Tetrahydrofuran	36.9	ug/L	BDL		40.0	92	48	---	111	2	28
Toluene	4.14	ug/L	BDL		4.0	104	71	---	120	4	19
trans-1,2-Dichloroethene	4.33	ug/L	BDL		4.0	108	72	---	121	1	28
trans-1,3-Dichloropropene	3.50	ug/L	BDL		4.0	88	69	---	109	5	21
Trichloroethene	4.27	ug/L	BDL		4.0	107	73	---	118	2	19
Trichlorofluoromethane	4.72	ug/L	BDL		4.0	118	75	---	134	4	23
Vinyl acetate	39.1	ug/L	BDL		40.0	98	55	---	127	5	25
Vinyl chloride	5.03	ug/L	0.19		4.0	121	61	---	130	1	21

Matrix Spike Water

Analytical Run #:	273088	Analysis Date:	6/27/2023	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	1341762	Analysis Time:	19:41	Prep Date/Time:		Method:	SW8260C
Parent Sample #:	1339928	Analyst:	RLD	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	3.94	ug/L	BDL		4.0	98	67 --- 122		21
1,1,1-Trichloroethane	4.69	ug/L	BDL		4.0	117	69 --- 128		20
1,1,2,2-Tetrachloroethane	3.68	ug/L	BDL		4.0	92	54 --- 130		22
1,1,2-Trichloroethane	4.08	ug/L	BDL		4.0	102	67 --- 116		25
1,1-Dichloroethane	4.37	ug/L	BDL		4.0	109	64 --- 124		25
1,1-Dichloroethene	4.84	ug/L	BDL		4.0	121	70 --- 130		24
1,1-Dichloropropene	5.02	ug/L	BDL		4.0	126	74 --- 127		21
1,2 Dichloroethane-d4	105	% Recovery			100	105	86 --- 106		7
1,2,3-Trichlorobenzene	3.81	ug/L	BDL		4.0	95	56 --- 134		31
1,2,3-Trichloropropane	3.30	ug/L	BDL		4.0	82	54 --- 117		26
1,2,4-Trichlorobenzene	3.84	ug/L	BDL		4.0	96	56 --- 133		29
1,2,4-Trimethylbenzene	4.13	ug/L	BDL		4.0	103	63 --- 132		36
1,2-Dibromo-3-chloropropane	3.93	ug/L	BDL		4.0	98	48 --- 121		34
1,2-Dibromoethane	3.89	ug/L	BDL		4.0	97	66 --- 114		22
1,2-Dichlorobenzene	3.83	ug/L	BDL		4.0	96	63 --- 124		23
1,2-Dichloroethane	4.07	ug/L	BDL		4.0	102	60 --- 117		21
1,2-Dichloropropane	4.28	ug/L	BDL		4.0	107	67 --- 121		19
1,3,5-Trimethylbenzene	4.14	ug/L	BDL		4.0	104	68 --- 130		34
1,3-Dichlorobenzene	3.86	ug/L	BDL		4.0	96	66 --- 126		22
1,3-Dichloropropane	4.13	ug/L	BDL		4.0	103	67 --- 114		23
1,4-Dichlorobenzene	3.88	ug/L	BDL		4.0	97	65 --- 125		22
2,2-Dichloropropane	4.29	ug/L	BDL		4.0	107	57 --- 136		21
2-Butanone	40.7	ug/L	BDL		40.0	102	67 --- 110		29
2-Chlorotoluene	3.94	ug/L	BDL		4.0	98	61 --- 134		20
2-Hexanone	37.8	ug/L	BDL		40.0	94	51 --- 128		28
4-Chlorotoluene	3.98	ug/L	BDL		4.0	100	65 --- 129		22
4-Methyl-2-pentanone	42.1	ug/L	BDL		40.0	105	55 --- 125		29
Acetone	28.0	ug/L	1.7		40.0	66	41 --- 101		39
Benzene	4.32	ug/L	BDL		4.0	108	71 --- 120		17
Bromobenzene	3.69	ug/L	BDL		4.0	92	63 --- 129		20
Bromochloromethane	4.24	ug/L	BDL		4.0	106	69 --- 113		22
Bromodichloromethane	3.95	ug/L	BDL		4.0	99	66 --- 119		20
Bromofluorobenzene	96.0	% Recovery			100	96.0	75 --- 124		7
Bromoform	3.23	ug/L	BDL		4.0	81	57 --- 116		28
Bromomethane	3.71	ug/L	BDL		4.0	93	11 --- 144		34
Carbon disulfide	9.48	ug/L	BDL		8.0	118	62 --- 136		31
Carbon tetrachloride	4.93	ug/L	BDL		4.0	123	80 --- 133		20
Chlorobenzene	4.06	ug/L	BDL		4.0	102	69 --- 120		21
Chloroethane	4.40	ug/L	BDL		4.0	110	61 --- 129		26
Chloroform	4.19	ug/L	BDL		4.0	105	64 --- 121		18
Chloromethane	4.20	ug/L	BDL		4.0	105	58 --- 120		21
cis-1,2-Dichloroethene	4.29	ug/L	BDL		4.0	107	71 --- 117		21

Matrix Spike Water

Analytical Run #:	273088	Analysis Date:	6/27/2023	Prep Batch #:		Matrix:	GROUND WATER
CTLab #:	1341762	Analysis Time:	19:41	Prep Date/Time:		Method:	SW8260C
Parent Sample #:	1339928	Analyst:	RLD	Prep Analyst:			

Analyte	QC sample result	Units	Parent sample result	Qualifier(s)	Spike Amount Added	% Recovery	Control Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	3.95	ug/L	BDL		4.0	99	66 --- 116		21
d8-Toluene	103	% Recovery			100	103	94 --- 105		7
Dibromochloromethane	3.62	ug/L	BDL		4.0	90	64 --- 115		23
Dibromofluoromethane	103	% Recovery			100	103	90 --- 108		7
Dibromomethane	4.05	ug/L	BDL		4.0	101	68 --- 111		21
Dichlorodifluoromethane	5.00	ug/L	BDL		4.0	125	68 --- 141		22
Diisopropyl ether	4.31	ug/L	BDL		4.0	108	57 --- 129		27
Ethylbenzene	4.19	ug/L	BDL		4.0	105	70 --- 128		24
Hexachlorobutadiene	4.24	ug/L	BDL		4.0	106	57 --- 146		30
Isopropylbenzene	4.50	ug/L	BDL		4.0	112	72 --- 131		24
m & p-Xylene	8.63	ug/L	BDL		8.0	108	70 --- 128		28
Methyl tert-butyl ether	4.04	ug/L	BDL		4.0	101	60 --- 116		33
Methylene chloride	3.88	ug/L	BDL		4.0	97	29 --- 139		36
n-Butylbenzene	4.50	ug/L	BDL		4.0	112	67 --- 136		24
n-Propylbenzene	4.28	ug/L	BDL		4.0	107	64 --- 143		23
Naphthalene	3.51	ug/L	BDL		4.0	88	58 --- 122		31
o-Xylene	4.05	ug/L	BDL		4.0	101	71 --- 123		26
p-Isopropyltoluene	4.42	ug/L	BDL		4.0	110	71 --- 135		27
sec-Butylbenzene	4.52	ug/L	BDL		4.0	113	71 --- 137		23
Styrene	4.23	ug/L	BDL		4.0	106	70 --- 125		40
tert-Butylbenzene	4.30	ug/L	BDL		4.0	108	70 --- 133		22
Tetrachloroethene	4.77	ug/L	BDL		4.0	119	75 --- 127		21
Tetrahydrofuran	37.9	ug/L	BDL		40.0	95	48 --- 111		28
Toluene	4.30	ug/L	BDL		4.0	108	71 --- 120		19
trans-1,2-Dichloroethene	4.40	ug/L	BDL		4.0	110	72 --- 121		28
trans-1,3-Dichloropropene	3.69	ug/L	BDL		4.0	92	69 --- 109		21
Trichloroethene	4.34	ug/L	BDL		4.0	108	73 --- 118		19
Trichlorofluoromethane	4.89	ug/L	BDL		4.0	122	75 --- 134		23
Vinyl acetate	41.2	ug/L	BDL		40.0	103	55 --- 127		25
Vinyl chloride	5.09	ug/L	0.19		4.0	122	61 --- 130		21

CT LABORATORIES
delivering more than data from your environmental analyses

Sample Condition Report

Folder #:	178541	Print Date / Time:	06/23/2023	12:27	
Client:	TRC ENVIRONMENTAL	Received Date / Time / By:	06/23/2023	10:45	DJL
Project Name:	RIPON FF/NN LANDFILL	Log-In Date / Time / By:	06/23/2023	12:27	erc
Project Phase:	RIPON, WI	Project #:	538168	PM:	BMS
Coolers:	6510, 5526	Temperature:	<6.2 C	On Ice:	**Y**
Custody Seals Present :	**Y**	COC Present:?	**Y**	Complete?	**Y**
Seal Intact?	**Y**	Numbers:	DATED AND SIGNED		
Ship Method:	FEDEX EXPRESS	Tracking Number:	780237613922,"3933		
Adequate Packaging:	**Y**	Temp Blank Enclosed?	**Y**		

Notes: THE SAMPLES WERE RECEIVED IN GOOD CONDITION ON ICE.

TWO (2) CUSTODY SEALS WERE PRESENT AND INTACT ON EACH COOLER UPON RECEIPT (ALL WERE DATED 6/22/23 AND SIGNED).

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
1339910	MW-3A-202306				
		UNPRES PL	1	/	Anions
		Total # of Containers of Type	(***UNPRES PL***) = **1**		
1339910	MW-3A-202306				
		HNO3	1	Y / N	ICP
		Total # of Containers of Type	(***HNO3***) = **1**		
1339910	MW-3A-202306				
		H2SO4 PL	1	Y / N	NO23
		Total # of Containers of Type	(***H2SO4 PL***) = **1**		
1339910	MW-3A-202306				
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	N / N	VOC
		Total # of Containers of Type	(***VOA HCL***) = **4**		

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
1339911	MW-3B-202306				
		UNPRES PL	1	/	Anions
		Total # of Containers of Type	(***UNPRES PL***) = **1**		
1339911	MW-3B-202306				
		HNO3	1	Y / N	ICP
		Total # of Containers of Type	(***HNO3***) = **1**		

1339911	MW-3B-202306						
		H2SO4 PL	1	Y	/	N	NO23
		Total # of Containers of Type	(***H2SO4 PL***) = **1**				
1339911	MW-3B-202306						
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1	N	/	N	VOC
		Total # of Containers of Type	(***VOA HCL***) = **4**				

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?			Tests
1339912	MW-103-202306						
		UNPRES PL	1		/		Anions
		Total # of Containers of Type	(***UNPRES PL***) = **1**				
1339912	MW-103-202306						
		HNO3	1	Y	/	N	ICP
		Total # of Containers of Type	(***HNO3***) = **1**				
1339912	MW-103-202306						
		H2SO4 PL	1	Y	/	N	NO23
		Total # of Containers of Type	(***H2SO4 PL***) = **1**				
1339912	MW-103-202306						
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1	N	/	N	VOC
		Total # of Containers of Type	(***VOA HCL***) = **4**				

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?			Tests
1339913	P-103-202306						
		UNPRES PL	1		/		Anions
		Total # of Containers of Type	(***UNPRES PL***) = **1**				
1339913	P-103-202306						
		HNO3	1	Y	/	N	ICP
		Total # of Containers of Type	(***HNO3***) = **1**				
1339913	P-103-202306						
		H2SO4 PL	1	Y	/	N	NO23
		Total # of Containers of Type	(***H2SO4 PL***) = **1**				
1339913	P-103-202306						
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1	N	/	N	VOC
		Total # of Containers of Type	(***VOA HCL***) = **4**				

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
1339914	P-103D-202306				
		UNPRES PL	1	/	Anions
		Total # of Containers of Type	**(*UNPRES PL*) = 1**		
1339914	P-103D-202306				
		HNO3	1	Y / N	ICP
		Total # of Containers of Type	**(*HNO3*) = 1**		
1339914	P-103D-202306				
		H2SO4 PL	1	Y / N	NO23
		Total # of Containers of Type	**(*H2SO4 PL*) = 1**		
1339914	P-103D-202306				
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	N / N	VOC
		Total # of Containers of Type	**(*VOA HCL*) = 4**		

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
1339915	MW-104-202306				
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	N / N	VOC
		Total # of Containers of Type	**(*VOA HCL*) = 4**		

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
1339916	P-106-202306				
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	N / N	VOC
		Total # of Containers of Type	**(*VOA HCL*) = 4**		

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
1339917	MW-107-202306				
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	N / N	VOC
		Total # of Containers of Type	**(*VOA HCL*) = 4**		

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
1339918	P-107-202306				
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC

		VOA HCL	1	N	/ N	VOC
		Total # of Containers of Type	**(*VOA HCL*) = 4**			

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
1339919	P-107D-202306				
		UNPRES PL	1	/	Anions
		Total # of Containers of Type	**(*UNPRES PL*) = 1**		
1339919	P-107D-202306				
		HNO3	1	Y / N	ICP
		Total # of Containers of Type	**(*HNO3*) = 1**		
1339919	P-107D-202306				
		H2SO4 PL	1	Y / N	NO23
		Total # of Containers of Type	**(*H2SO4 PL*) = 1**		
1339919	P-107D-202306				
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	N / N	VOC
		Total # of Containers of Type	**(*VOA HCL*) = 4**		

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
1339920	P-111D-202306				
		UNPRES PL	1	/	Anions
		Total # of Containers of Type	**(*UNPRES PL*) = 1**		
1339920	P-111D-202306				
		HNO3	1	Y / N	ICP
		Total # of Containers of Type	**(*HNO3*) = 1**		
1339920	P-111D-202306				
		H2SO4 PL	1	Y / N	NO23
		Total # of Containers of Type	**(*H2SO4 PL*) = 1**		
1339920	P-111D-202306				
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	N / N	VOC
		Total # of Containers of Type	**(*VOA HCL*) = 4**		

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
1339921	MW-112-202306				
		UNPRES PL	1	/	Anions
		Total # of Containers of Type	**(*UNPRES PL*) = 1**		
1339921	MW-112-202306				
		HNO3	1	Y / N	ICP
		Total # of Containers of Type	**(*HNO3*) = 1**		

1339921	MW-112-202306						
		H2SO4 PL	1	Y	/	N	NO23
		Total # of Containers of Type	(***H2SO4 PL***) = **1**				
1339921	MW-112-202306						
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1	N	/	N	VOC
		Total # of Containers of Type	(***VOA HCL***) = **4**				

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?			Tests
1339922	P-113A-202306						
		UNPRES PL	1		/		Anions
		Total # of Containers of Type	(***UNPRES PL***) = **1**				
1339922	P-113A-202306						
		HNO3	1	Y	/	N	ICP
		Total # of Containers of Type	(***HNO3***) = **1**				
1339922	P-113A-202306						
		H2SO4 PL	1	Y	/	N	NO23
		Total # of Containers of Type	(***H2SO4 PL***) = **1**				
1339922	P-113A-202306						
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1	N	/	N	VOC
		Total # of Containers of Type	(***VOA HCL***) = **4**				

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?			Tests
1339923	P-113B-202306						
		UNPRES PL	1		/		Anions
		Total # of Containers of Type	(***UNPRES PL***) = **1**				
1339923	P-113B-202306						
		HNO3	1	Y	/	N	ICP
		Total # of Containers of Type	(***HNO3***) = **1**				
1339923	P-113B-202306						
		H2SO4 PL	1	Y	/	N	NO23
		Total # of Containers of Type	(***H2SO4 PL***) = **1**				
1339923	P-113B-202306						
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1	N	/	N	VOC
		Total # of Containers of Type	(***VOA HCL***) = **4**				

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
1339924	P-114-202306				
		UNPRES PL	1	/	Anions
		Total # of Containers of Type	**(*UNPRES PL*) = 1**		
1339924	P-114-202306				
		HNO3	1	Y / N	ICP
		Total # of Containers of Type	**(*HNO3*) = 1**		
1339924	P-114-202306				
		H2SO4 PL	1	Y / N	NO23
		Total # of Containers of Type	**(*H2SO4 PL*) = 1**		
1339924	P-114-202306				
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	N / N	VOC
		Total # of Containers of Type	**(*VOA HCL*) = 4**		

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
1339925	P-115-202306				
		UNPRES PL	1	/	Anions
		Total # of Containers of Type	**(*UNPRES PL*) = 1**		
1339925	P-115-202306				
		HNO3	1	Y / N	ICP
		Total # of Containers of Type	**(*HNO3*) = 1**		
1339925	P-115-202306				
		H2SO4 PL	1	Y / N	NO23
		Total # of Containers of Type	**(*H2SO4 PL*) = 1**		
1339925	P-115-202306				
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	N / N	VOC
		Total # of Containers of Type	**(*VOA HCL*) = 4**		

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
1339926	P-116-202306				
		UNPRES PL	1	/	Anions
		Total # of Containers of Type	**(*UNPRES PL*) = 1**		
1339926	P-116-202306				
		HNO3	1	Y / N	ICP
		Total # of Containers of Type	**(*HNO3*) = 1**		
1339926	P-116-202306				

		H2SO4 PL	1	Y	/ N	NO23
		Total # of Containers of Type	**(*H2SO4 PL*) = 1**			
1339926	P-116-202306					
		VOA HCL	1		/	VOC
		VOA HCL	1		/	VOC
		VOA HCL	1		/	VOC
		VOA HCL	1	N	/ N	VOC
		Total # of Containers of Type	**(*VOA HCL*) = 4**			

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
1339927	P-117-202306				
		UNPRES PL	1	/	Anions
		Total # of Containers of Type	**(*UNPRES PL*) = 1**		
1339927	P-117-202306				
		HNO3	1 Y	/ N	ICP
		Total # of Containers of Type	**(*HNO3*) = 1**		
1339927	P-117-202306				
		H2SO4 PL	1 Y	/ N	NO23
		Total # of Containers of Type	**(*H2SO4 PL*) = 1**		
1339927	P-117-202306				
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1 N	/ N	VOC
		Total # of Containers of Type	**(*VOA HCL*) = 4**		

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests
1339928	P-118-202306				
		UNPRES PL	1	/	Anions
		Total # of Containers of Type	**(*UNPRES PL*) = 1**		
1339928	P-118-202306				
		HNO3	1 Y	/ N	ICP
		Total # of Containers of Type	**(*HNO3*) = 1**		
1339928	P-118-202306				
		H2SO4 PL	1 Y	/ N	NO23
		Total # of Containers of Type	**(*H2SO4 PL*) = 1**		
1339928	P-118-202306				
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1	/	VOC
		VOA HCL	1 N	/ N	VOC
		Total # of Containers of Type	**(*VOA HCL*) = 4**		

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?	Tests

1339929	DUP-01-202306						
		UNPRES PL	1		/		Anions
		Total # of Containers of Type	(***UNPRES PL***) = **1**				
1339929	DUP-01-202306						
		HNO3	1	Y	/	N	ICP
		Total # of Containers of Type	(***HNO3***) = **1**				
1339929	DUP-01-202306						
		H2SO4 PL	1	Y	/	N	NO23
		Total # of Containers of Type	(***H2SO4 PL***) = **1**				
1339929	DUP-01-202306						
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1	N	/	N	VOC
		Total # of Containers of Type	(***VOA HCL***) = **4**				

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?			Tests
1339932	LC-1-202306						
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		Total # of Containers of Type	(***VOA HCL***) = **3**				

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?			Tests
1339933	LC-2-202306						
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		Total # of Containers of Type	(***VOA HCL***) = **3**				

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?			Tests
1339934	LC-3-202306						
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		Total # of Containers of Type	(***VOA HCL***) = **3**				

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?			Tests
1339935	DUP-02-202306						
		UNPRES PL	1		/		Anions
		Total # of Containers of Type	(***UNPRES PL***) = **1**				
1339935	DUP-02-202306						
		HNO3	1	Y	/	N	ICP
		Total # of Containers of Type	(***HNO3***) = **1**				
1339935	DUP-02-202306						

		H2SO4 PL	1	Y	/	N	NO23
		Total # of Containers of Type	(***H2SO4 PL***) = **1**				
1339935	DUP-02-202306						
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1		/		VOC
		VOA HCL	1	N	/	N	VOC
		Total # of Containers of Type	(***VOA HCL***) = **4**				

Sample ID /	Description	Container Type	Cond. Code	pH OK?/Filtered?		Tests
1339936	TRIP BLANK					
		Trip Blank	1		/	VOC
		Trip Blank	1		/	VOC
		Trip Blank	1		/	VOC
		Total # of Containers of Type	(***Trip Blank***) = **3**			
1339936	TRIP BLANK					
		VOA HCL	1	N	/ N	VOC
		Total # of Containers of Type	(***VOA HCL***) = **1**			

Condition Code *Condition Description*

1 Sample Received OK

Form #FPM3-04 Rev. 09/2020

CHAIN OF CUSTODY

Company: TRC Env.
Project Contact: Andy Stehn
Telephone: 608-807-8117
Project Name: Ripon FF/NWLF
Project #: 538168
Location: Ripon, WI
Sampled By: Wesley Braga

CT LABORATORIES
1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Folder # 178541
Company: TRC ENVIRONMENTAL
Project: RIPON SUPERFUND LF
Logged By: erc PM: BMS

Program:
QSM RCRA SDWA NPDES
Solid Waste Other _____

PO # 202544

Report To:
EMAIL: astehn@TRCcompanies.com
Company: TRC - Madison
Address: 999 Fourier Dr. Ste 101 Madison, WI 53717

Invoice To:*
EMAIL:
Company:
Address:

*Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions

Client Special Instructions

Matrix:
GW – groundwater SW - surface water WW - wastewater DW - drinking water
S - soil/sediment SL - sludge A - air M - misc/waste

Collection Date	Collection Time	Matrix	Grab/ Comp	Sample #	Sample ID Description	Filtered? Y/N	Low-level VOC	Sulfate	Nitrate + Nitrite	Diss Mn	VOC (8260C)										Total # Containers	Designated MS/MSD	CT Lab ID # (Lab use only)
							Fill in Spaces with Bottles per Test																	
6/21/23	1520	GW	G		MW-3A-202306	Y	X	X	X	X											7		13399/0
6/21/23	1626	GW	G		MW-3B-202306	Y	X	X	X	X											7		11
6/20/23	1115	GW	G		MW-103-202306	Y	X	X	X	X											7		12
6/20/23	1215	GW	G		P-103-202306	Y	X	X	X	X											7		13
6/20/23	1308	GW	G		P-103D-202306	Y	X	X	X	X											7		14
6/20/23	1513	GW	G		MW-104-202306	N	X														4		15
6/20/23	1527	GW	G		P-106-202306	N	X														4		16
6/20/23	1440	GW	G		MW-107-202306	N	X														4		17
6/20/23	1408	GW	G		P-107-202306	N	X														4		18
6/21/23	1158	GW	G		P-107D-202306	Y	X	X	X	X											7		19
6/21/23	1258	GW	G		P-111D-202306	Y	X	X	X	X											7		20
6/21/23	1045	GW	G		MW-112-202306	Y	X	X	X	X											7		21

Turnaround Time
Normal RUSH*
Date Needed: _____
Rush analysis requires prior CT Laboratories' approval
Surcharges:
24 hr 200%
2-3 days 100%
4-9 days 50%

Relinquished By:	Date/Time	Received By:	Date/Time
Wesley Braga	6/22/23 1645	KC GRL	6/23 1045
Received by:	Date/Time	Received for Laboratory by:	Date/Time
		JF	6/23 1248

Lab Use Only
Ice Present Yes No
Obs. Temp LGA IR Gun 37
Act. Temp — Cooler 6570

5326

Form #FPM3-04 Rev. 09/2020

CHAIN OF CUSTODY

Page 2 of 3

Company: TRC ENV.
Project Contact: Andy Stehn.
Telephone: 608-807-8112
Project Name: Ripon FF/NW LF
Project #: 536168
Location: Ripon, WI
Sampled By: Wesley Braga

CT LABORATORIES
1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Lab Use Only
Place Header Sticker Here:
178541

Program:
QSM RCRA SDWA NPDES
Solid Waste Other _____

PO # 202544

Report To:
EMAIL: same as pg 1
Company:
Address:

Invoice To:*
EMAIL:
Company:
Address:

*Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions

Client Special Instructions

Matrix:
GW – groundwater SW - surface water WW - wastewater DW - drinking water
S - soil/sediment SL - sludge A - air M - misc/waste

Collection Date	Collection Time	Matrix	Grab/ Comp	Sample #	Sample ID Description	Filtered? Y/N	ANALYSES REQUESTED: low-level VOC	Sulfate	Nitrate-Nitrite	Diss Mn	VOC (8260c)	VOC (524.2)	Total # Containers	Designated MS/MSD	CT Lab ID # (Lab use only)
							Fill in Spaces with Bottles per Test								
6/21/23	1231	GW	G		P-113A-202306	Y	X	X	X	X	X		7		1339972
6/21/23	1312	GW	G		P-113B-202306	Y	X	X	X	X			7		73
6/22/23	1153	GW	G		P-114-202306	Y	X	X	X	X			7		74
6/22/23	1326	GW	G		P-115-202306	Y	X	X	X	X			7		75
6/22/23	1045	GW	G		P-116-202306	Y	X	X	X	X			7		76
6/21/23	1509	GW	G		P-117-202306	Y	X	X	X	X			7		77
6/21/23	1422	GW	G		P-118-202306	Y	X	X	X	X			7		78
~~6/21/23~~		DW	G		Rohde-202	N						X	3		~~79~~
~~6/21/23~~	—	GW	G		DUP-01-202306	Y	X	X	X	X	X		7		~~7229~~
6/21/23	13:21	GW	G		LC-1-202306	N					X		3		32
6/21/23	13:05	GW	G		LC-2-202306	N					X		3		~~34~~ 33
6/21/23	13:52	GW	G		LC-3-202306	N					X		3		~~35~~ 34

Relinquished By:	Date/Time	Received By:	Date/Time
Wesley Braga	6/22/23 1645	DCFR	GMB 1045
Received by:	Date/Time	Received for Laboratory by:	Date/Time
		F	GMB 1048

Lab Use Only
Ice Present Yes No
Obs. Temp 4.6 IR Gun 27
Act. Temp — Cooler 6.0

526

Form #FPM3-04 Rev. 09/2020

CHAIN OF CUSTODY

Page 3 of 3

Company: TRC Env.
Project Contact: Andy Stehn
Telephone: 608-807-8112
Project Name: Ripon FF/NNCF
Project #: 538168
Location: Ripon, WI
Sampled By: Wesley Brager

CT LABORATORIES
1230 Lange Court, Baraboo, WI 53913
608-356-2760 Fax 608-356-2766
www.ctlaboratories.com

Lab Use Only
Place Header Sticker Here:

178541

Program:
QSM RCRA SDWA NPDES
Solid Waste Other _____

PO # 202544

Report To:
EMAIL:
Company: see page 1
Address:

Invoice To:*
EMAIL:
Company:
Address:

*Party listed is responsible for payment of invoice as per CT Laboratories' terms and conditions

Client Special Instructions

Matrix:
GW – groundwater SW - surface water WW - wastewater DW - drinking water
S - soil/sediment SL - sludge A - air M - misc/waste

Collection Date	Collection Time	Matrix	Grab/ Comp	Sample #	Sample ID Description	Filtered? Y/N	VOCs Low-level	VOCs (524.2)	Sulfate	Diss Mn	Nitrate+Nitrite	Total # Containers	Designated MS/MSD	CT Lab ID # (Lab use only)
Fill in Spaces with Bottles per Test														
~~6/22/23~~	~~1400~~	~~DW~~	~~G~~		~~Rohde-202306 MB~~	N		X				~~3~~		
6/22/23	—	GW	G		DUP-07-202306	Y	X		X	X	X	7		178541-35
—	—	W	—		Trip Blank	N	X					1		-36

Relinquished By:	Date/Time	Received By:	Date/Time	Lab Use Only
Wesley Brager	6/22/23 1645		6/23 1045	Ice Present Yes No
Received by:	Date/Time	Received for Laboratory by:	Date/Time	Obs. Temp 66.2 IR Gun 77
			6/23 1048	Act. Temp 4 Cooler 6570

526

Cooler Receipt Form

Ice Present (YES) NO

Observed Temperature 3.7

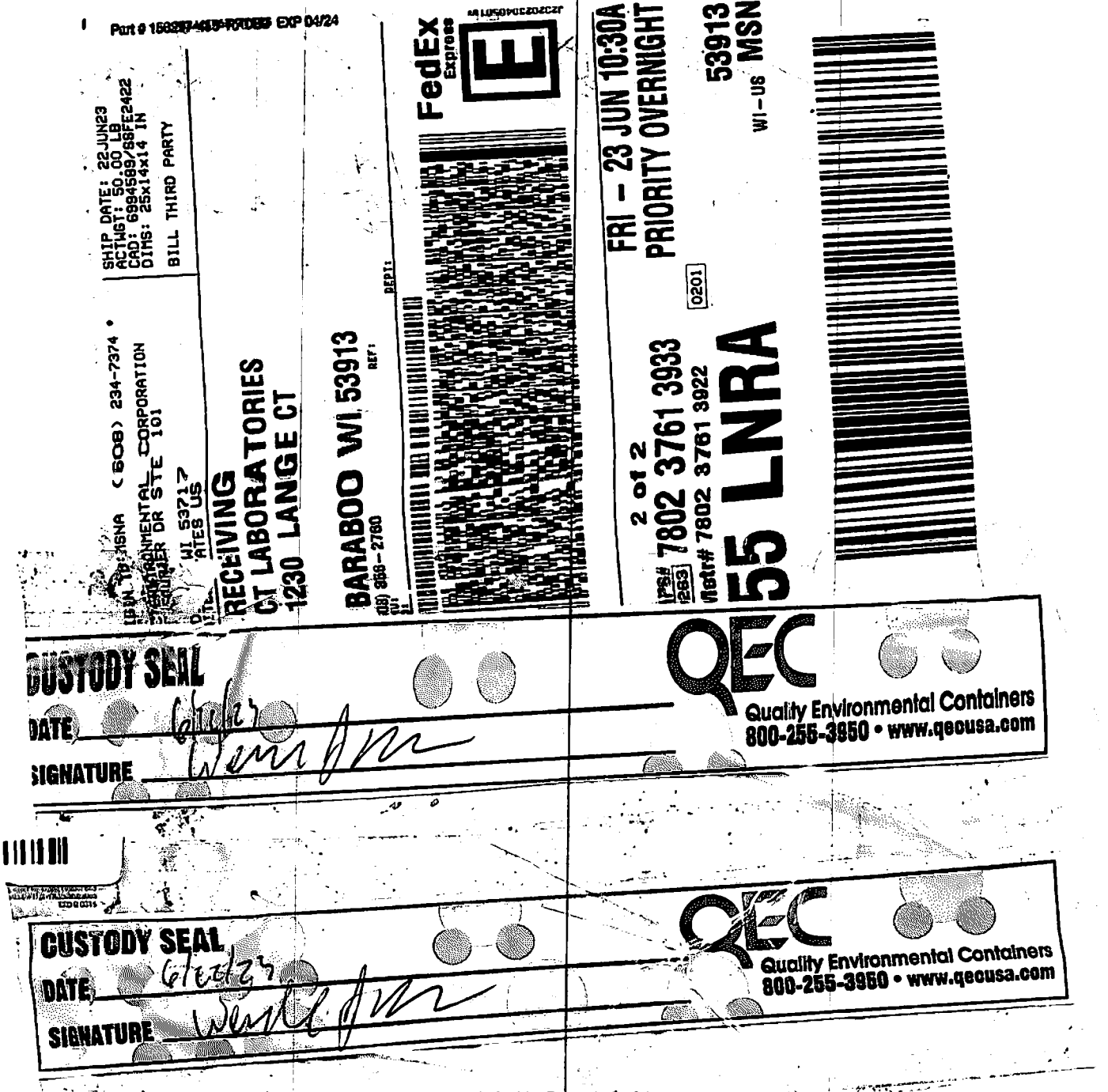
Actual Temperature _____

IR Gun # 27

Initials DC

Date 6/23/23 Time 10:45

Cooler #: 5526



Cooler Receipt Form

Ice Present (YES) NO

Observed Temperature 6.1

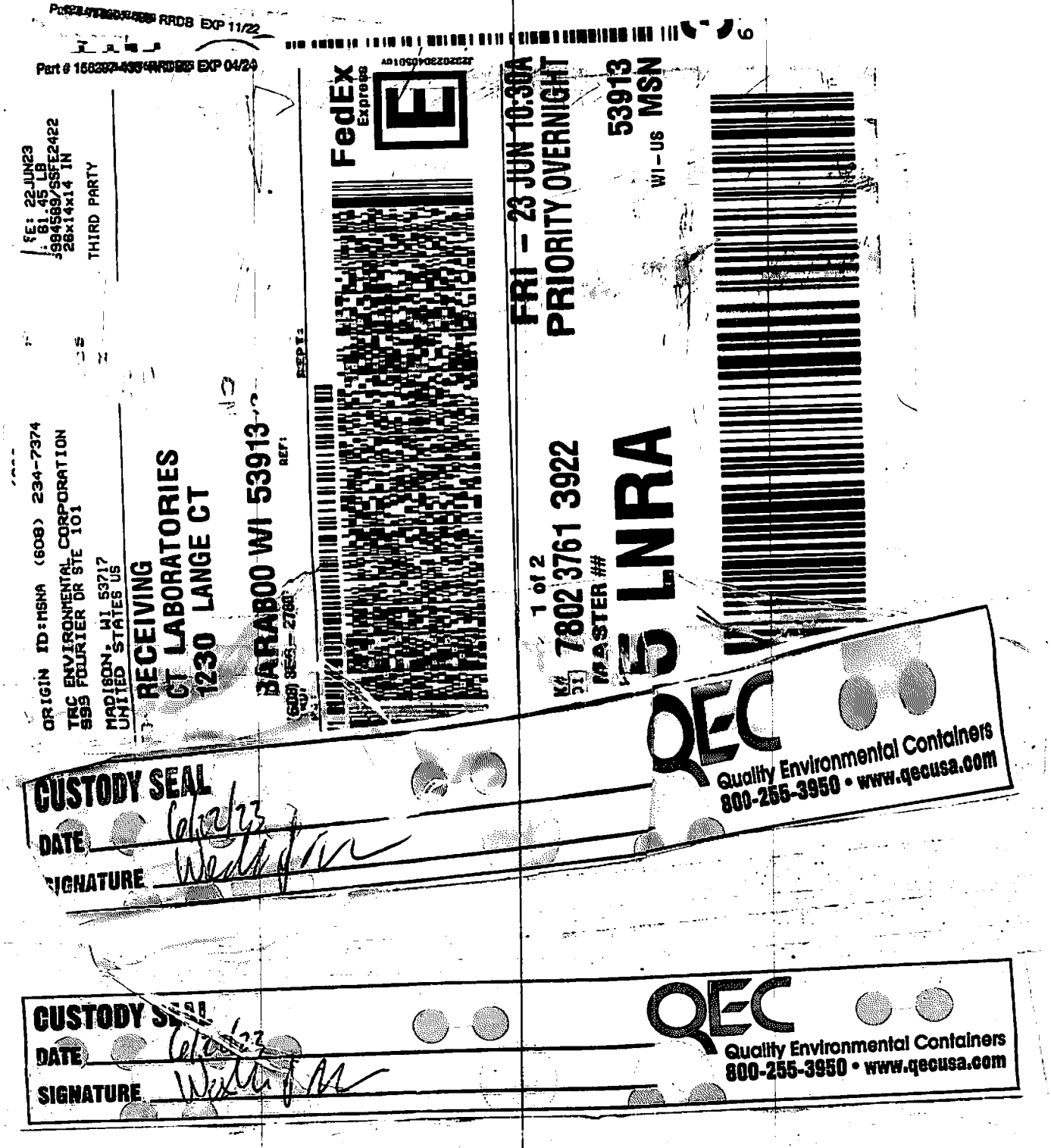
Actual Temperature _____

IR Gun # 27

Initials _____

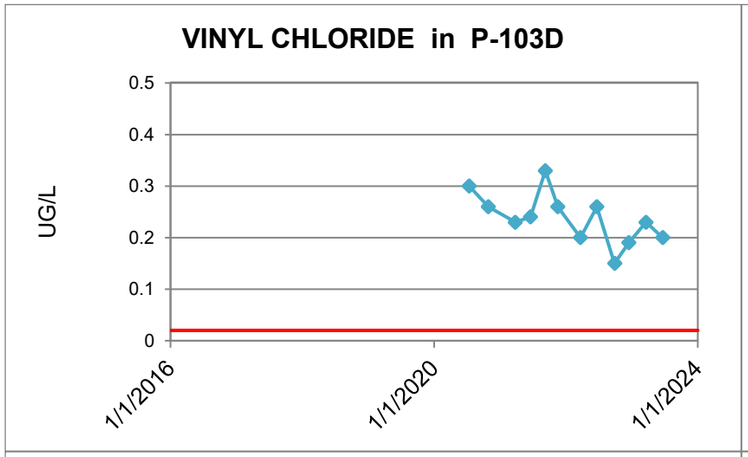
Date 6/23/23 Time 10:45

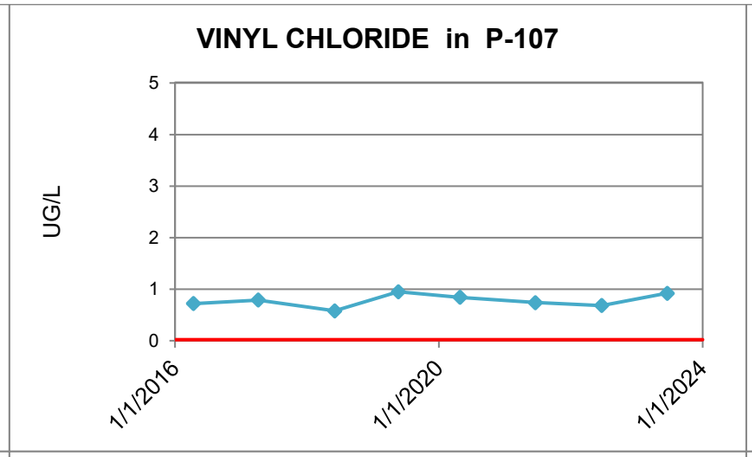
Cooler #: 6510

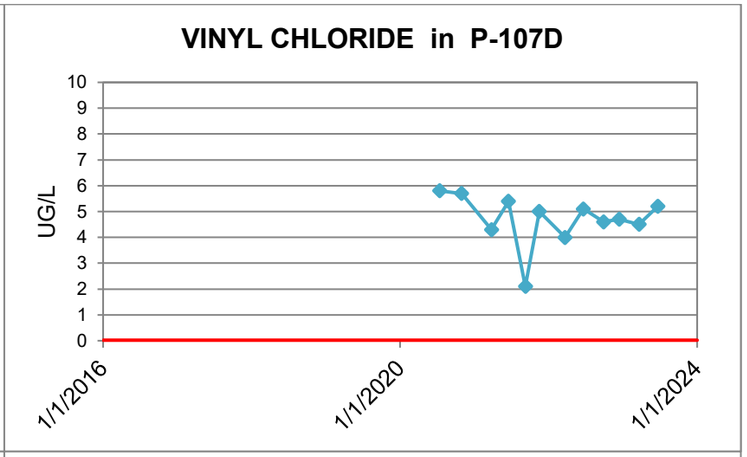


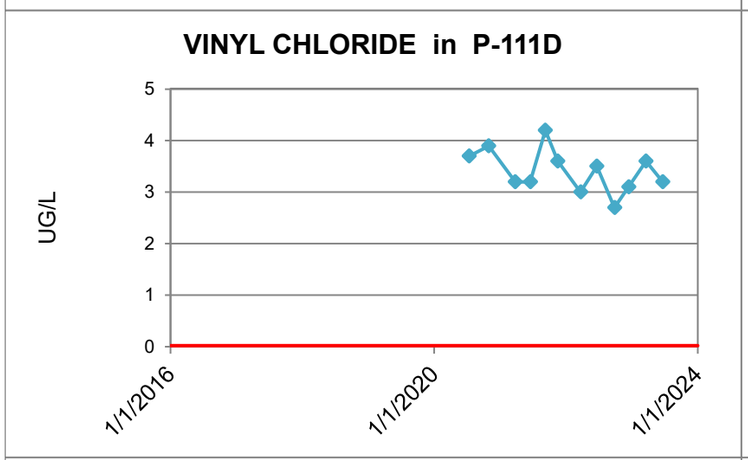
Appendix D: Concentration-Time Graphs for Datasets Included in Trend Analysis

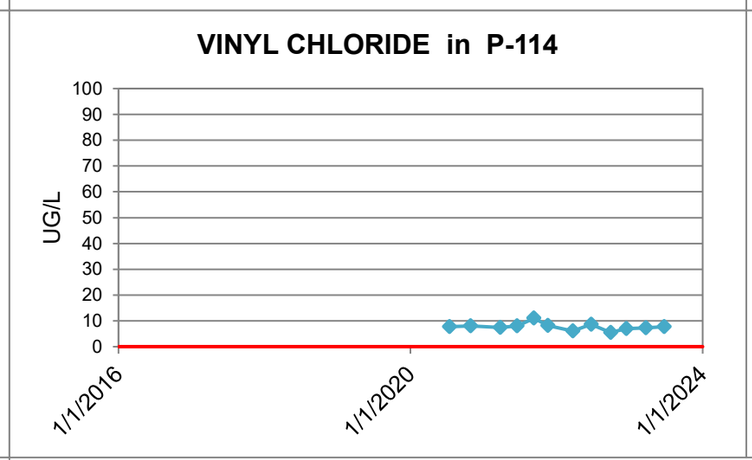
Concentration vs. Time Graphs
(Trend Analysis Dataset)

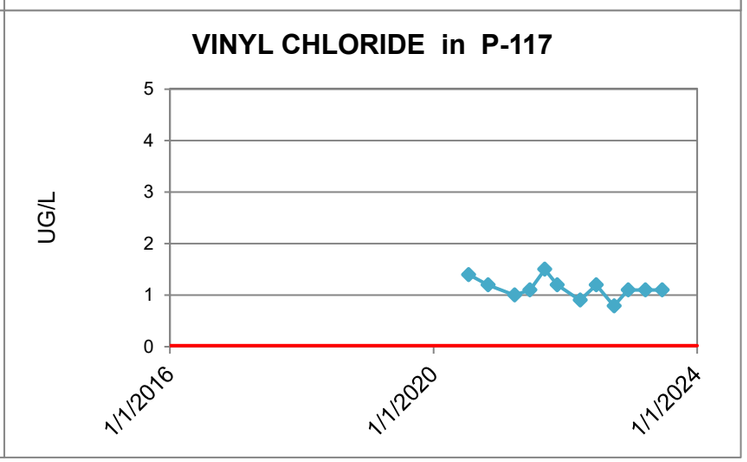


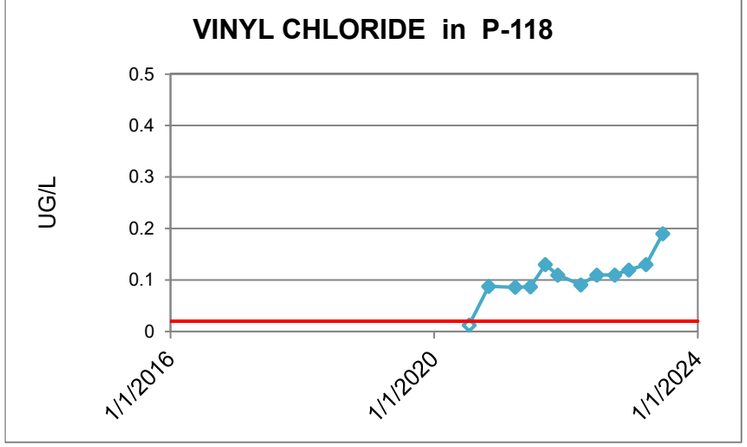






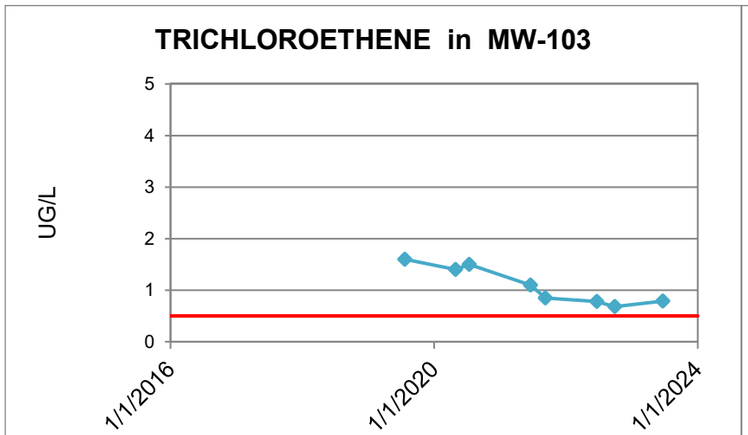


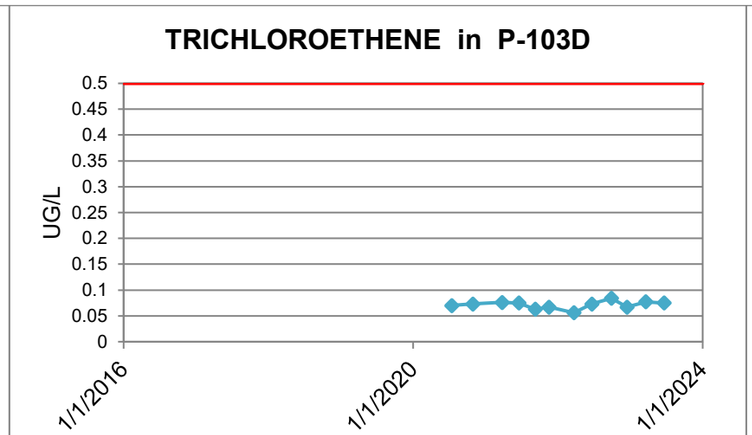


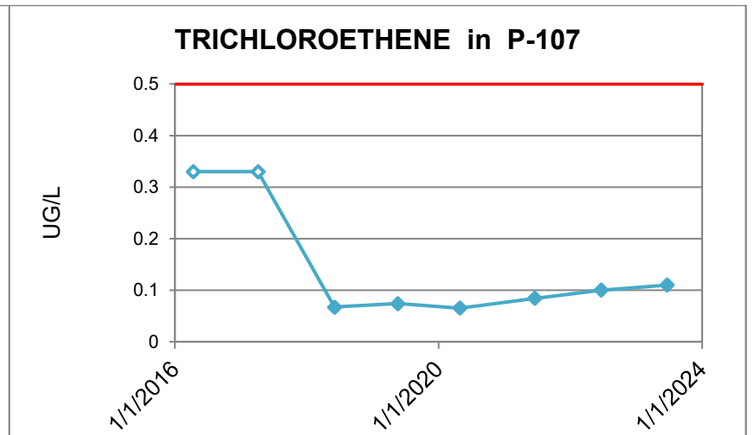


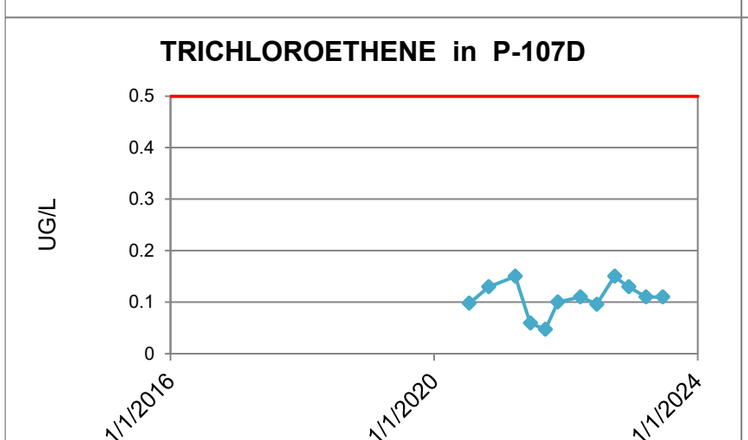
Notes:
Nondetect results represented with hollow symbols plotted at the detection limit.
Red line represents NR 140 PAL.

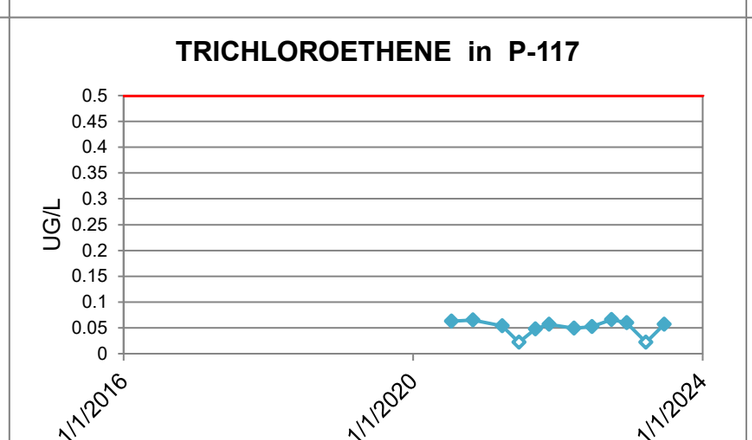
Concentration vs. Time Graphs
(Trend Analysis Dataset)





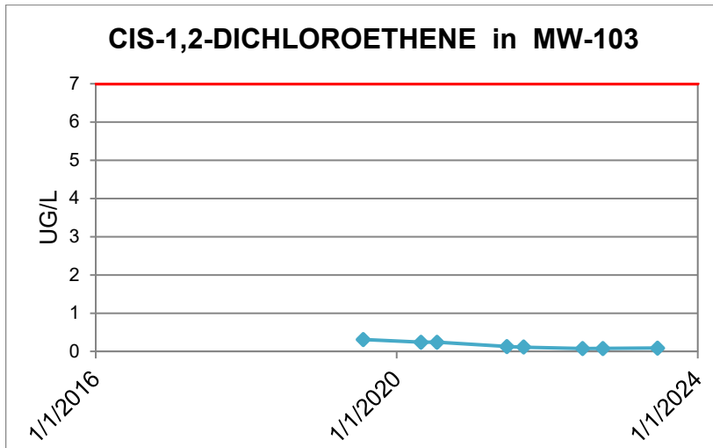


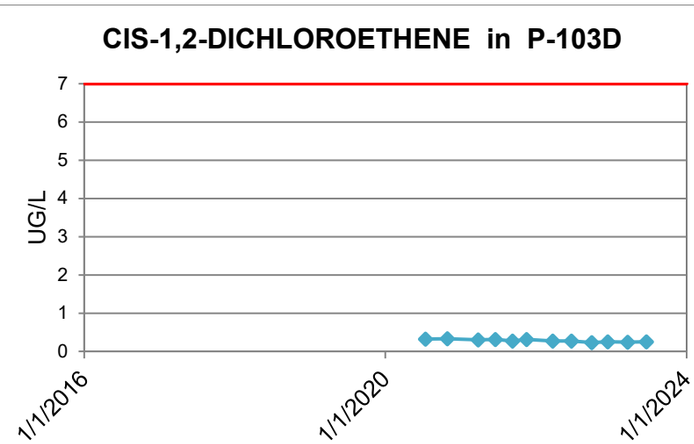


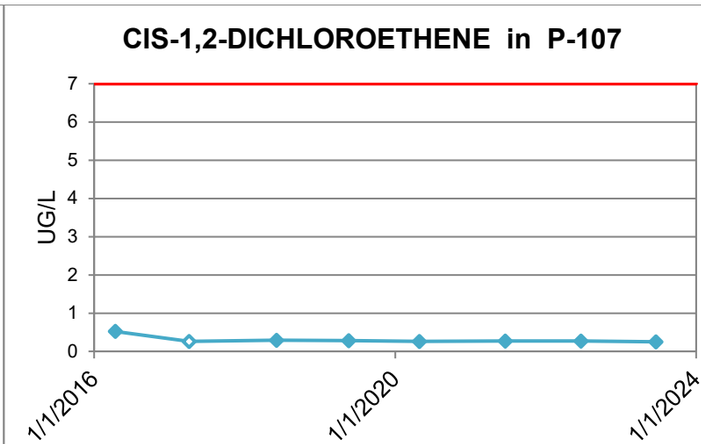


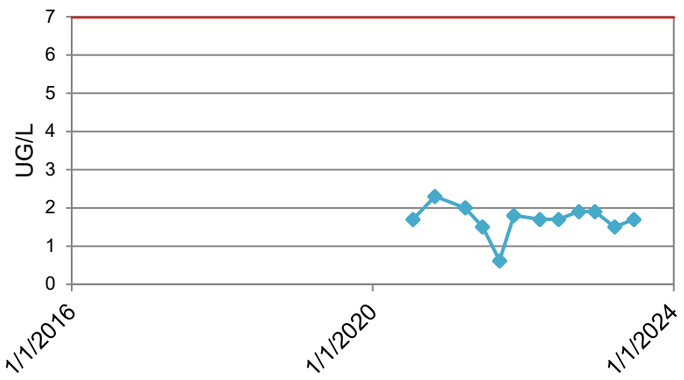
Notes:
Nondetect results represented with hollow symbols plotted at the detection limit.
Red line represents NR 140 PAL.

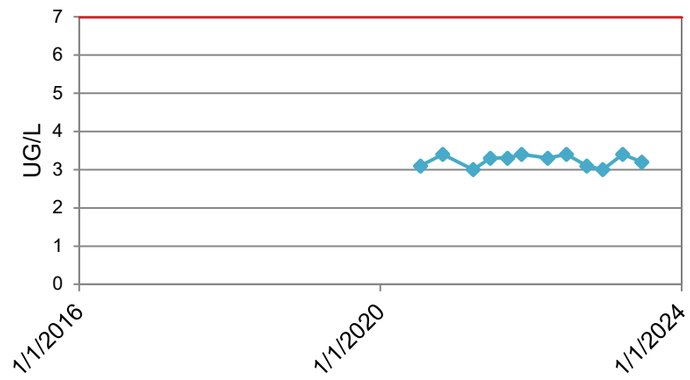
Concentration vs. Time Graphs
(Trend Analysis Dataset)

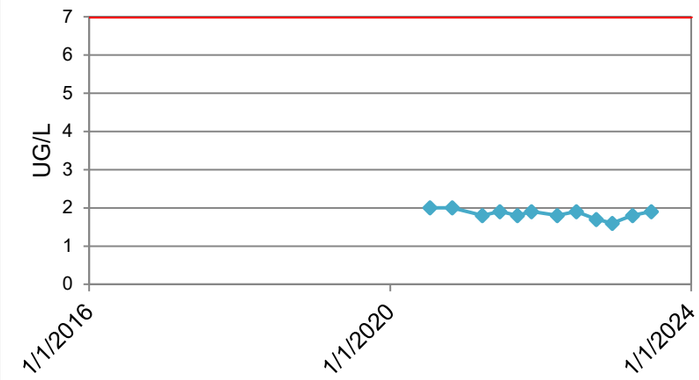


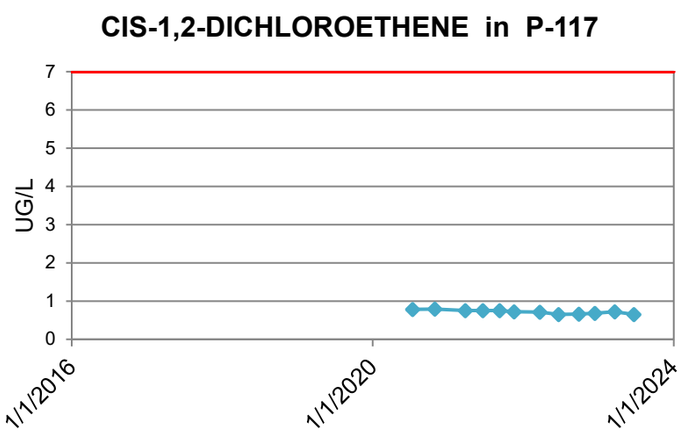






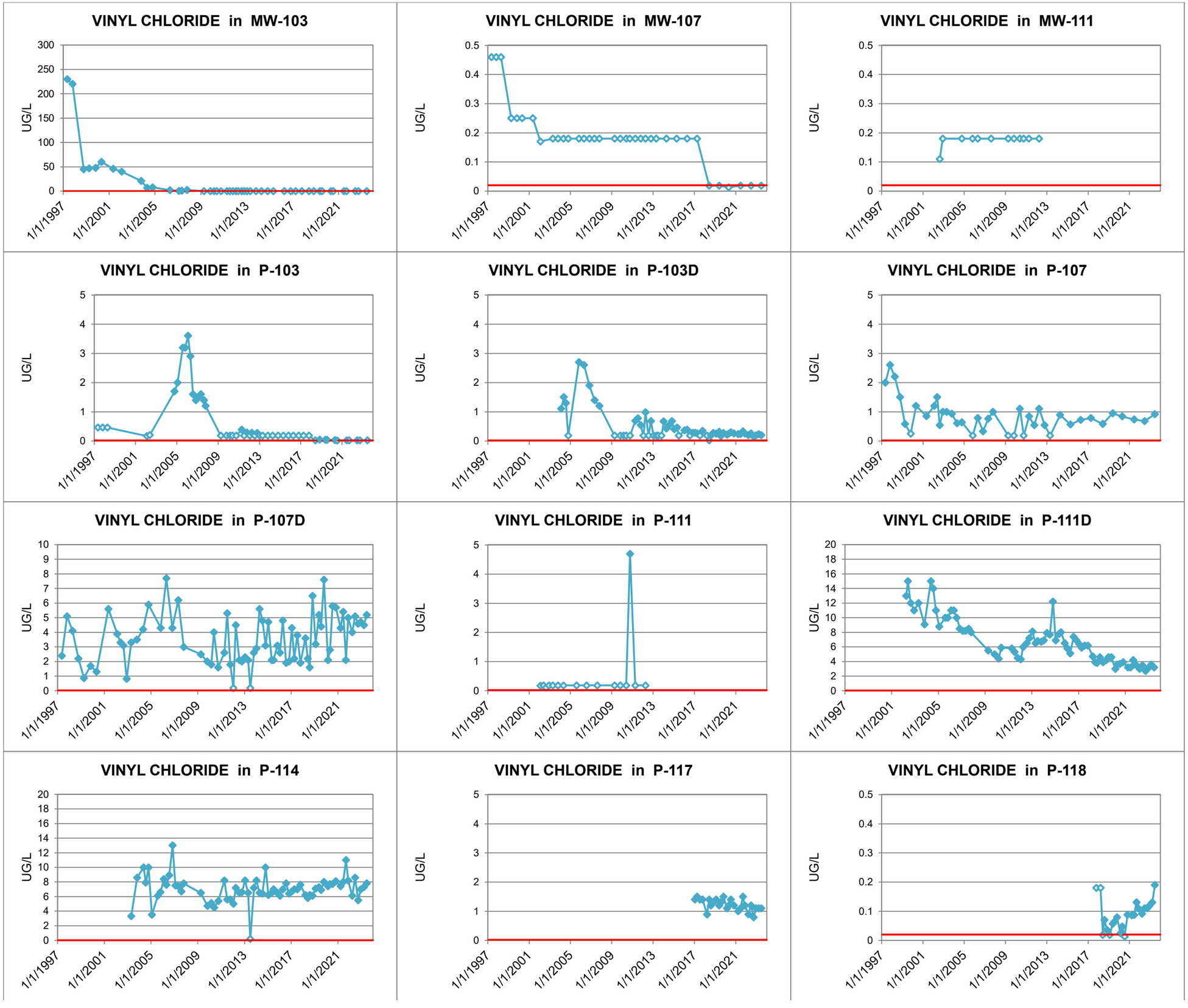






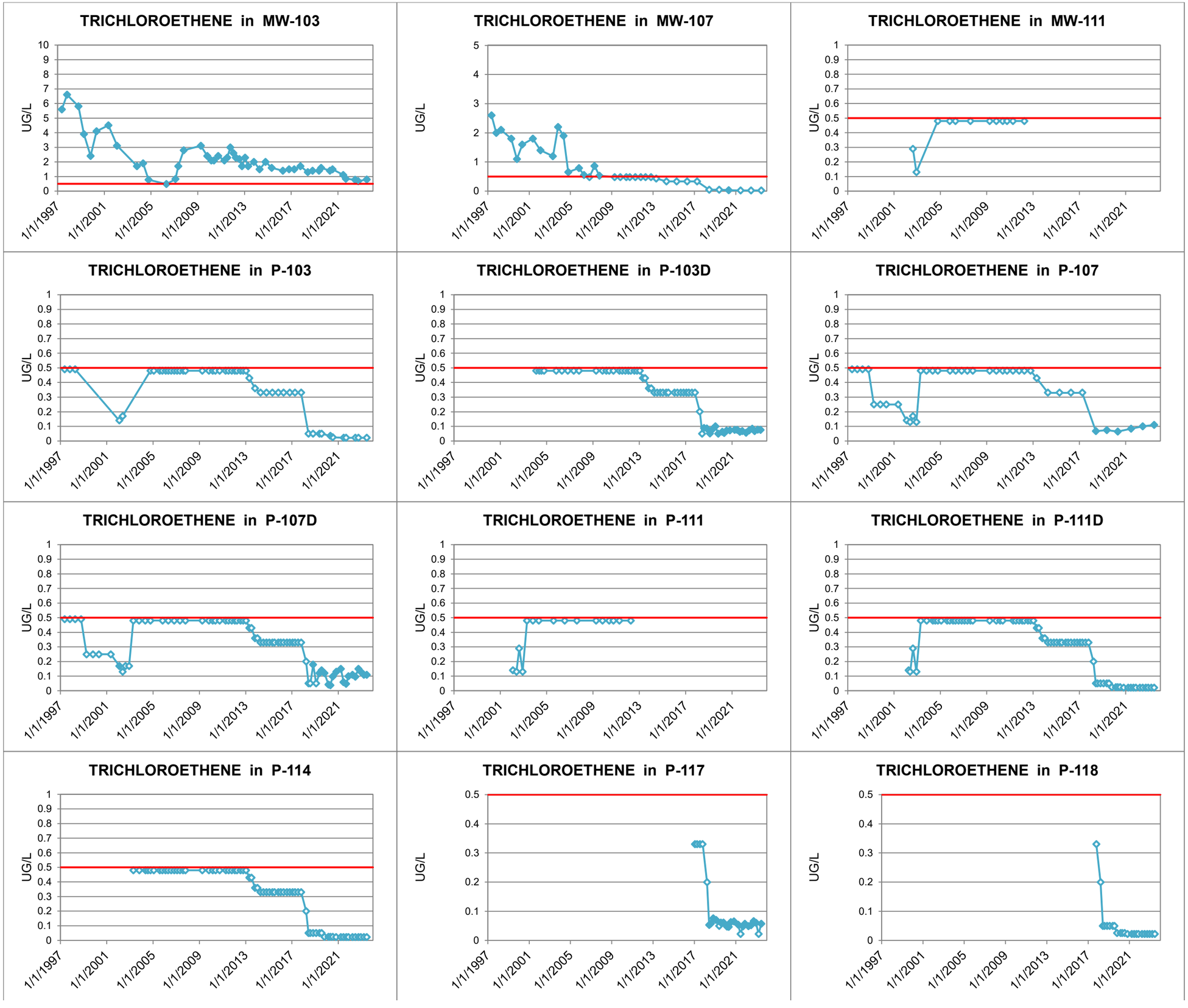
Notes:
Nondetect results represented with hollow symbols plotted at the detection limit.
Red line represents NR 140 PAL.

Concentration vs. Time Graphs
(All Historical Data)



Notes:
Nondetect results represented with hollow symbols plotted at the detection limit.
Red line represents NR 140 PAL.

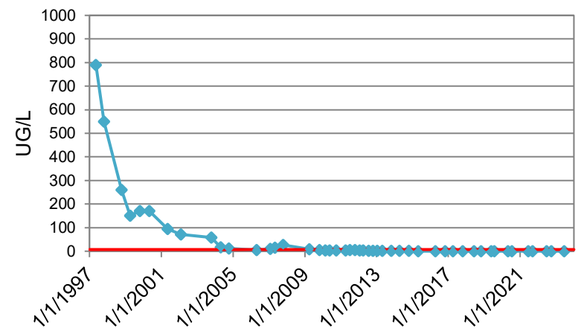
Concentration vs. Time Graphs
(All Historical Data)



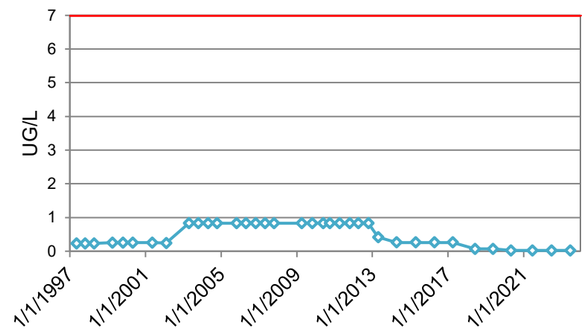
Notes:
Nondetect results represented with hollow symbols plotted at the detection limit.
Red line represents NR 140 PAL.

Concentration vs. Time Graphs
(All Historical Data)

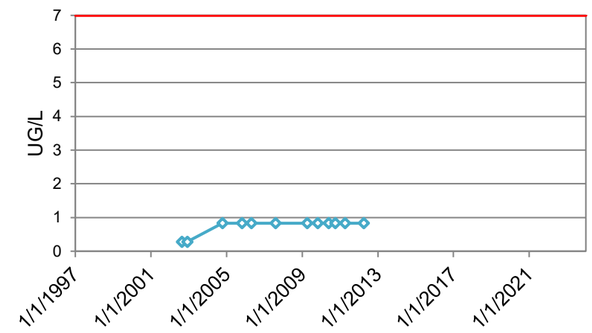
CIS-1,2-DICHLOROETHENE in MW-103



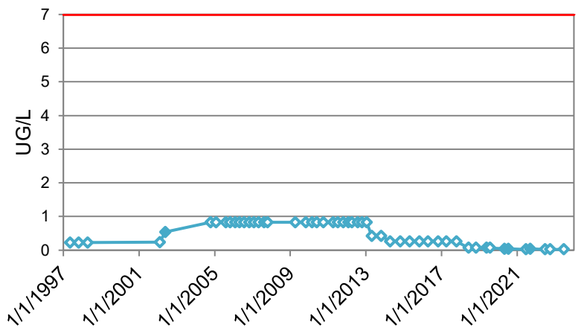
CIS-1,2-DICHLOROETHENE in MW-107



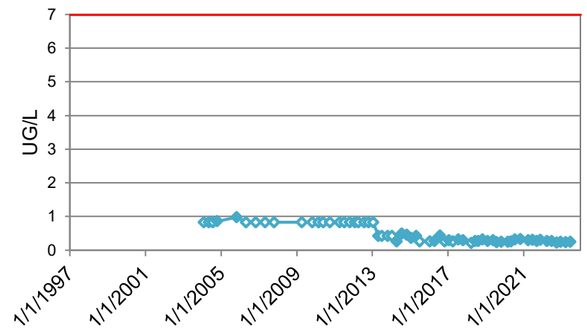
CIS-1,2-DICHLOROETHENE in MW-111



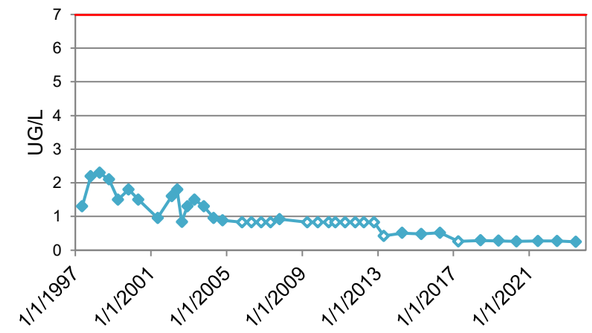
CIS-1,2-DICHLOROETHENE in P-103



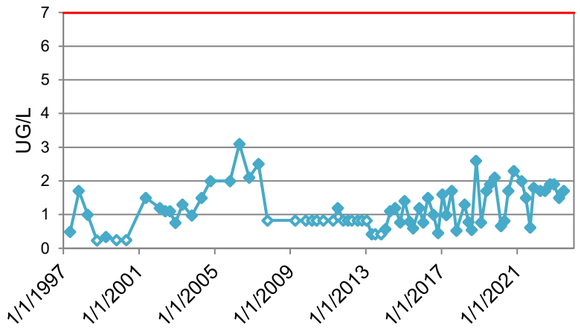
CIS-1,2-DICHLOROETHENE in P-103D



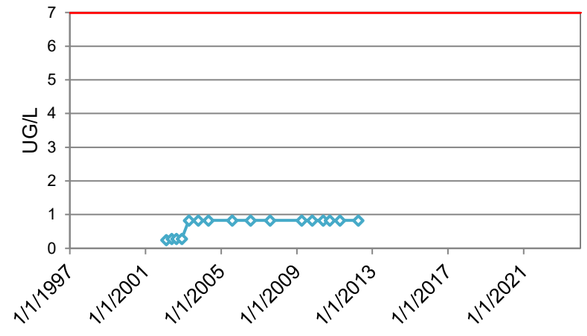
CIS-1,2-DICHLOROETHENE in P-107



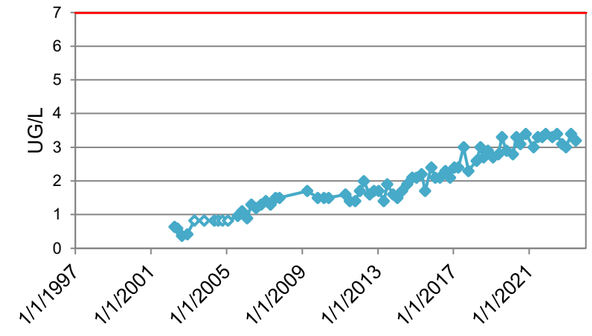
CIS-1,2-DICHLOROETHENE in P-107D



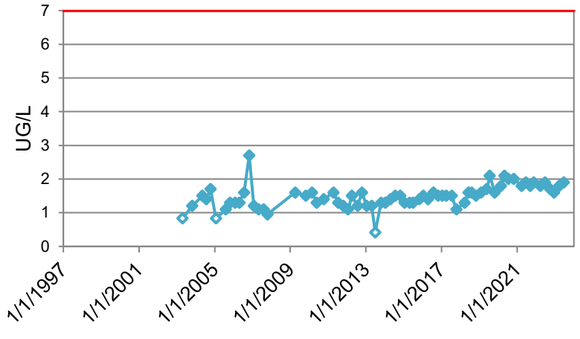
CIS-1,2-DICHLOROETHENE in P-111



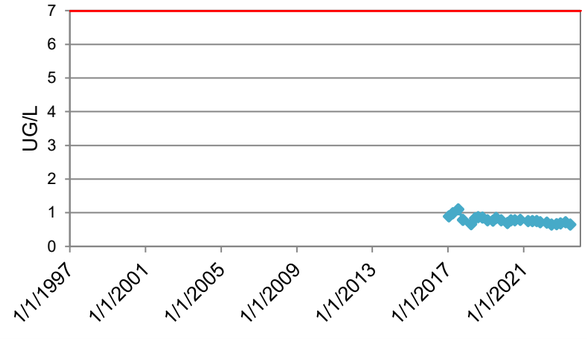
CIS-1,2-DICHLOROETHENE in P-111D



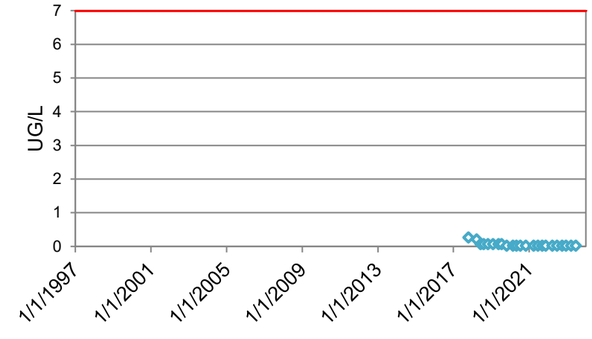
CIS-1,2-DICHLOROETHENE in P-114



CIS-1,2-DICHLOROETHENE in P-117



CIS-1,2-DICHLOROETHENE in P-118



Notes:
Nondetect results represented with hollow symbols plotted at the detection limit.
Red line represents NR 140 PAL.

Appendix E: Well Construction Report - Wisconsin Unique Well Number AAW208

Well Construction Report
WISCONSIN UNIQUE WELL NUMBER AAW208

Drinking Water and Groundwater - DG/5
Department of Natural Resources, Box 7921
Madison WI 53707

Form 3300-077A

Property Owner: SCHROEDER, DAVE			Phone #: (920)229-4837
Mailing Address: N8851 COUNTY ROAD PP			
City: RIPON	State: WI	Zip Code: 54971	
County: Fond du Lac	Co. Permit #:	Notification #: 8881052806	Completed: 10-20-2022

Well Constructor (Business Name): SAM'S WELL DRILLING INC	Lic. #: 370	Facility ID # (Public Wells):
Address: PO BOX 150 N9935 PLEASANT RD RANDOLPH WI 53956		Well Plan Approval #:
		Approval Date (mm-dd-yyyy):
Hicap Permanent Well #:	Common Well #:	Specific Capacity: 0.4

3. Well serves 1 # of HOME
Private,potable
Heat Exchange____# of drillholes

Hicap Well ? No
Hicap Property ? No
Hicap Potable ? No

1. Well Location

City of RIPON			Fire # (if avail.): N8851
Street Address or Road Name and Number: COUNTY ROAD PP			
Subdivision Name:	Lot #:	Block #:	

Latitude / Longitude in Decimal Degree (DD): 43.8639 °N -88.8847 °W				Method Code: GPS008
NW or Govt Lot #: NW	Section: 18	Township: 16 N	Range: 14 E	

2. Well Type New Well
of previous unique well # constructed in

Reason for replaced or reconstructed well ?

Construction Type: Drilled

4. Potential Contamination Sources - ON REVERSE SIDE

5. Drillhole Dimensions and Construction Method

Dia. (in.)	From (ft.)	To (ft.)
8.75	Surface	195
6	195	218

Upper Enlarged Drillhole		Lower Open Bedrock
Yes	Rotary - Mud Circulation	No
No	Rotary - Air	Yes
No	Rotary - Air & Foam	No
No	Drill-Through Casing Hammer	
No	Reverse Rotary	
No	Cable-tool Bit ____in. dia...	No
No	Dual Rotary	No
Yes	Temp. Outer Casing 10in. dia	
Yes	Removed? 3depth ft. (If NO explain on back side)	

8. Geology

Geology Codes				8. Geology Type, Caving/Noncaving, Color, Hardness, etc...	From (ft.)	To (ft.)
		C		C-CLAY	Surface	20
		C	G	C-CLAY G-W/GRAVEL/STONES	20	70
		C		C-CLAY	70	145
		S	C	S-SAND C-CLAYEY	145	185
		N		N-SANDSTONE	185	218

6. Casing, Liner, Screen

Dia. (in.)	Material, Weight, Specification Manufacturer & Method of Assembly	From (ft.)	To (ft.)
6	STD, BLK, PIPE, .280 WALL, P.E. A53B OSMANIYE	Surface	195
Dia. (in.)	Screen type, material & slot size	From (ft.)	To (ft.)

7. Grout or Other Sealing Material

Method TREMIE PIPE - PUMPED

Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement
NEAT CEMENT GROUT	Surface	195	35 S

9. Static Water Level
10 ft. below ground surface

10. Pump Test
Pumping level 60 ft. below surface
Pumping at 20 GP M for 1 Hrs.
Pumping Method ? Airlift

11. Well Is
24 in. above grade
Developed ? Yes
Disinfected ? Yes
Capped ? Yes

12. Notified Owner of need to fill & seal ? No

Filled & Sealed Well(s) as needed? No

13. Constructor / Supervisory Driller	Lic #	Date Signed
JVG	6026	10-21-2022
Drill Rig Operator	**Lic or Reg #**	**Date Signed**
SS	7367	10-20-2022

4a. Potential Contamination Sources Is the well located in floodplain ? No

Type	Qualifier	Distance	Type	Qualifier	Distance
POWTS dispersal component (soil absorption unit or mound)	=	60	Septic or Holding, or POWTS Tank	=	70

Comment:

Water Quality Text:

Water Quantity Text:

Difficulty Text:

Variance or Exception Type	Date	Reason	Granted
Landfill Variance	10/18/2022	1,200' BETWEEN WELL AND LANDFILL	N

Created On: 10-21-2022 Created by: swdlabs Updated On: 05-30-2023 Updated by: WELL PROCESS

Appendix F: Northeast Asphalt Inc.
2022 Discharge Monitoring Report

DISCHARGE MONITORING REPORT FORM
Nonmetallic Mining Operations
WPDES General Permit No. WI-A046515-6 (non-industrial sand)
Rev. 01/2017

A

YEAR **2022**

FIN **2791**
(DNR Facility ID No.)

Permittee: **Northeast Asphalt, Inc.**
Address: **N8885 Hwy FF**
Ripon, Fond Du Lac County
Site: **Ripon Aggregate Site #89006**
Contact person: **James Mertes**
E-mail address of contact: **jmertes@walbecgroup.com**

Discharge to:

Groundwater ✓ Surface Water _____ (check one)

Outfall No. **1 OF 1** (use a separate sheet for each outfall) Outfall Description: **Wash Pond Seepage**

Parameter Name	Discharge Flow		Oil & Grease	Total Suspended Solids	pH	Total Phosphorus	Temperature	Additives
Parameter Units	Gal./Day	No. of Days of Discharge	mg/L	mg/L	s.u.	mg/L	°F	
Quarter/Months								See sections 4.2.1.4 and 5.2.5 of the permit or back of this form
1st qtr (Jan –Mar):	0	0	-	-	-	-	-	
2nd qtr (Apr- June):	100	13	-	-	-	-	-	
3rd qtr (Jul- Sept):	100	9	-	-	-	-	-	
4th qtr (Oct- Dec):	100	14	-	-	-	-	-	
See Footnotes	(1)	(2)	(1)	(2)	(1)	(2)	(2)	(1)
Daily Maximum Limit	----		15	40	9.0	----	----	----
Daily Minimum Limit	----		----	----	6.0	----	----	----
Sample Type	Estimate	Calculate	Grab	Grab	Grab	Grab	Grab	Keep records as specified in sections 4.2.1.4 and 5.2.5 of the permit
Monitoring Frequency	Quarterly (see sections 4.2.1.1 and 5.2.1 of the permit or back of this form)		Annually (see sections 4.2.1.2 and 5.2.4 of the permit or back of this form)	Quarterly (see section 5.2.2 of the permit or back of this form)	Annually (see sections 4.2.1.3 and 5.2.3 of the permit or back of this form)	Annually (see section 5.2.7 of the permit or back of this form)	Quarterly (see section 5.2.6 of the permit or back of this form)	Monthly (see sections 4.2.1.4 and 5.2.5 of the permit)

Unless noted under parameter name, each daily value entered must be the highest value of all sample types analyzed for that day.

FOOTNOTES:
(1) Required for **Surface Water** and **Groundwater** discharges.
(2) Required for **Surface Water** discharges only.

Return Report No Later Than February 15th Annually to:
WPDES Permit Program
Department of Natural Resources
2984 Shawano Ave
Green Bay, WI 54313
(Insert address of nearest DNR Regional Office)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Person Completing Form	Title	Printed Name	Date
	Environmental Coordinator	Zachery Leitner	2-14-23
Signature of Authorized Agent	**Title**	**Printed Name**	**Date**
	Director of Environmental Affairs	James Mertes	2-14-23