ERO

Consultants in Natural Resources and the Environment

First Half 2025 Groundwater Monitoring Report
Thornton Shopping Center
NE Corner East 88th Avenue and Washington Street
Thornton, Colorado

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1.0 Introduction

ERO Resources Corporation (ERO), on behalf of the Thornton Development Authority (TDA), has prepared this First Half 2025 (1H25) groundwater monitoring report detailing recent monitoring activities for a historical chlorinated solvent release at the Thornton Shopping Center (TSC) property located at the northeast corner of East 88th Avenue and Washington Street in Thornton, Adams County, Colorado (Figure 1). Within this report, "TSC Property" refers to the Thornton Shopping Center real property as shown on the attached figures, whereas "Site" refers to the extent of known impacts associated with the historical release both on and off the TSC Property.

Site investigations, remedial actions, and monitoring have been conducted on the Site since 2004. Several Corrective Action Plans (CAPs) have been submitted since work on the Site began and, as of the date of this report, site activities are being conducted consistent with ERO's May 2024 Remedial Investigation and Corrective Measures Work Plan (Work Plan) (ERO 2024a), approved by the Colorado Department of Public Health and Environment (CDPHE) through the Hazardous Materials and Waste Management Division (Division) on July 3, 2024 (CDPHE 2024a). The submittal of this report is consistent with Paragraph 23 of the Compliance Order on Consent (Consent Order) Number 24-02-01-01 between the TDA and the Division and with ERO's July 18, 2024 Long Term Groundwater Monitoring Plan (LTGMP) for the TSC (ERO 2024a), approved by CDPHE on August 15, 2024 (CDPHE 2024b). Between 2004 and 2025, approximately 62 groundwater monitoring wells have been installed, including 15 new wells installed in 2025 as part of the LTGMP implementation and discussed within this report. ERO, on behalf of TDA, began groundwater monitoring in January 2023. A summary of the 1H25 data and historical groundwater monitoring data is provided in the tables included within this semi-annual report and the locations of the monitoring wells are shown on the attached figures.

2.0 Physical Setting

The TSC Property is located at the northeast corner of East 88th Avenue and North Washington Street in Thornton, Colorado, generally in the SW 1/4 of Section 23, Township 2 South, Range 68 West of the 6th Principal Meridian. The TSC Property elevation is approximately 5,300 feet above mean sea level (AMSL) at the former shopping center location. The land area of the TSC Property is generally flat with areas north of the former shopping center building having a topographic slope downward to the northeast, and to the southeast, south of the former shopping center building.

The TSC Property is located within the City of Thornton, Colorado, is zoned for commercial land use, and the former buildings were demolished in 2024, leaving concrete slab foundations and asphalt-paved parking areas.

The TSC Property is bounded on the north by commercial land development; to the east by Corona Street followed by single and multi-family residential development; to the south by East 88th Avenue and commercial development with multi-family and single-family development to the southeast; and North Washington Street and commercial development to the west (Figure 2).

Historical records indicate the TSC Property was primarily used for agricultural land use until it was first developed with a commercial shopping center in the mid-1950s. The TSC Property buildings were constructed between 1955 and 1979 and have been used for retail businesses, including multiple dry cleaners, an automotive parts and repair facility, a laundromat, a gasoline station, restaurants, a post office, and other retail stores. Historical records indicate three dry cleaners are known to have operated on the TSC Property since the 1960s at the addresses of 8866, 8876, and 8946 North Washington Street (ERO 2022). No dry cleaners currently operate on the TSC Property.

3.0 Groundwater Monitoring

ERO conducted the 1Q25 monitoring event from January 27-30, 2025, which sampled 56 groundwater monitoring wells and included all site wells. The 2Q25 sample event was conducted on April 21-22, 2025, which sampled 44 wells that met site semi-annual sampling criteria outlined in the LTGMP consisting of all site wells except those with 6 or more consecutive quarters of PCE concentrations detected below the CDPHE Colorado Basic Standard for Groundwater (CBGWS).

Monitoring wells MW-18, MW-19, MW-20, and MW-24 were measured but not sampled due to the presence of BOS-100 in the wells in each sampling event. MW22D 72.5-75’ and MW-23D 64-74' were dry and not able to be sampled. During 1Q25, well MW-29 was not sampled because it was inaccessible at the time of sampling; during 2Q25, wells MW-21 and MW-34 were inaccessible due to vehicles parked on the wells during the time period of sampling. Site-wide groundwater monitoring included measuring depth to groundwater, recording water sampling parameters using a YSI Professional Plus multiparameter probe, and collecting groundwater samples for laboratory analysis. Groundwater monitoring well locations are shown on the attached figures.

3.1 Groundwater Elevations

Prior to any sampling activities, the static water level was measured from the top of the casing in each groundwater monitoring well using a water level indicator. The water level indicator was decontaminated with an Alconox® solution, distilled water rinse, and allowed to air dry prior to initial use and between monitoring wells.

Excluding the nested MW-22D, MW-23D, MW-45, MW-46, and MW-47 well clusters, depth to groundwater in the monitoring wells ranged from:

- 8.35 (MW-21) to 19.43 feet (MW-15) below ground surface (bgs) in 1Q25
- 7.72 feet (MW-21) to 18.80 feet (MW-15) in 2Q25.

The average increase in groundwater levels across all the wells, except the new MW-45, MW-46, and MW-47 nested well clusters, was 1.04 feet between 1Q25 and 2Q25. Groundwater elevations in the new nested well clusters increased by up to 24.49 feet between monitoring events, primarily attributable to the slow equilibration to static water levels after the January 2025 well installations. Groundwater level measurements are provided in Table 7, with historical elevations presented in Table 10. Groundwater flow based on water table elevations is shown on Figure 2 through Figure 7. Groundwater level measurements from the MW-22D, MW-23D, MW-45, MW-46, and MW-47 nested well clusters were not used for water table contour mapping. Groundwater flow direction was toward the southeast, consistent with previous reports, with an approximate average hydraulic gradient of 0.025 ft/ft, again consistent with previous reports.

3.2 Groundwater Sampling

Groundwater monitoring wells were sampled in the order of least-contaminated wells to most-contaminated wells, based on previous analytical data. With concurrence from CDPHE (CDPHE 2023a), sampling was conducted using one of two methods, based on well characteristics and previous sampling information. A description of the sampling methods is provided below. The individual well sampling methodology used by ERO during this event is noted on the field sample sheets (Appendix A).

- Low-flow groundwater sampling consisted of micro purging with a peristaltic pump and dedicated polyethylene tubing. The pump intake was set approximately at the middle of the screened interval of the well. During micro purging, depth to groundwater, pumping rate, and field parameters (specific conductivity, pH, temperature [ºC], oxidation-reduction potential [ORP], and dissolved oxygen [DO]) were monitored and recorded approximately every five minutes. Groundwater samples were collected after three consecutive readings of three field parameters indicated stabilization (i.e., within 0.2 for pH, 3% for temperature, 3% for specific conductivity, 20 millivolts for ORP, and 10% for DO). Field parameter measurements were recorded on well sampling sheets (included within Appendix A) and are summarized in Table 8 with historical parameters listed in Table 11.
- Bailer-sampled wells were purged with a new disposable bailer and sampled immediately after purging three casing volumes. If the well bailed dry, the well was sampled at the end of the day. Groundwater parameters were recorded by pouring the bailed water into a cup holding a multi-parameter meter. Field parameter measurements were recorded on well sampling sheets (included within Appendix A) and are summarized in Table 8 with historical parameters listed in Table 11. Upon completion of purging, the sample was collected directly from the bailer.

Samples were collected in laboratory-provided, certified clean 40-milliliter (mL) glass vials for analysis of chlorinated volatile organic compounds (VOCs), which include tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), trans-1,2-dichloroethene (trans-1,2-DCE), 1,1-dichloroethene (1,1-DCE), and vinyl chloride (VC) by EPA Method 8260B. Select wells were slated for additional sampling for ongoing evaluation of previous BOS-100 injections. Samples from wells MW-13, MW-14, MW-15, MW-23, and MW-26D were also placed in 250-mL polyethylene containers to be analyzed for chloride by EPA Method 300.1. Sample containers were labeled, placed on ice, and delivered to Pace Analytical Laboratory shipping center in Denver, Colorado for shipment to their Mt. Juliet, Tennessee laboratory under chain of custody.

Duplicate quality control samples were collected concurrently from wells MW-06, MW-16, MW-22D 41-46', MW-23D 47-52' (1Q25), and MW-39 and are noted in their nomenclature with a "DUP" in the well name on Table 9.

3.2.1 BOS-100 Wells.

Wells MW-18, MW-19, MW-20, and MW-24 were found during monitoring activities to contain residual BOS-100 remediation product.

3.2.2 MW-23D 47-52'

During the 3Q23 sampling, ERO observed what appeared to be used motor oil staining around the well flushmount manholes for the MW-13/MW-23D well cluster. As ERO began to measure well MW-23D 47-52' an oily-water mix of suspected used oil was noted on the water level tape during measurement of and then within the initial bailer retrieved from the well. A detailed discussion of this well was presented in the 3Q23 Monitoring Report (ERO 2023) and monitoring since has not indicated the oily smear has compromised groundwater data. The oily water mixture was still observed, samples were still collected, however further discussion of this event will only be presented in the future if warranted.

3.3 Laboratory Results

Groundwater monitoring results were compared to their respective standards listed in CDPHE Basic Standards for Groundwater, Regulation 41 (CDPHE 2020) and are summarized in Table 9. Historical site groundwater data is listed in Table 12. Exceedances of standards are highlighted in each table. Laboratory sheets are included in Appendix D.

3.3.1 BOS-100 Wells.

No samples were collected during 1H25, per CDPHE approval (CDPHE 2023b).

3.3.2 MW-23D 47-52 Well

Sample results from MW-23D 47-52' continue to show results consistent with historical data from this well and data is included within site tables with a specific comparison provided in Table 1 below.

Table 1. MW-23D 47-52' historical results.

Well	Date	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	VC
MW-23D 47-52'	11/8/2016	**2,090**	**15**	36	<5.0	<5.0	<5.0
	12/10/2021	**150**	**16**	17	<1.0	<1.0	<1.0
	3/25/2022	**100**	**9.8**	7.5	<1.0	<1.0	<1.0
	1/24/2023	**190**	**12.8**	5.0	<1.00	<1.00	<1.00
	4/24/2023	**181**	**10.1**	4.31 J	<10.0	<10.0	<10.0
	10/16/2023	**149**	**8.49**	2.55	<1.0	<1.0	<1.0
	1/23/2024	**136**	4.55	<10.0	<10.0	<10.0	<10.0
	4/23/2024	**152**	**7.05 J**	1.55 J	<10.0	<10.0	<10.0
	7/24/2024	**176**	**7.55 J**	<10.0	<10.0	<10.0	<10.0
	10/16/2024	**163**	**5.81 J**	<1.26	<1.49	<1.88	<2.34
	1/29/2025	**114**	<10.0	<10.0	<10.0	<10.0	<10.0
	4/21/2025	**106**	4.16	1.79	<1.00	<1.00	<1.00
-TOP	7/19/2023	**102**	4.99	1.37	<1.0	<1.0	<1.0
-BASE	7/19/2023	**136**	**7.62**	3.12	<1.0	<1.0	<1.0

Concentrations in µg/L. **Bold** = Concentration exceeds CBGWS
"<" = analyte not detected above stated laboratory reporting limit.
J = Estimated concentration below reporting limit.

3.3.3 Laboratory QC

ERO reviewed laboratory quality control (QC) data as well as the calculated relative percent difference (RPD) of detected analytes from duplicate samples collected during these monitoring events (Appendix D). Laboratory method blanks did not detect contaminants of concern within any of the runs and laboratory method spikes were less than the 20 percent limits stated within the laboratory QC documentation with the exception of the following:

- The laboratory control sample duplicate for L1821347 (1Q25) contained an RPD for VC of 23.4 percent, outside of the control limits. Based on the limited detections of VC historically and within this batch, it is ERO's opinion that this does not render the data unusable or impact the interpretations of the sampling results.

- The original sample matrix spike for chloride in L1821763 (1Q25) contained a low matrix spike duplicate result, impacting the accurate determination of the spike. ERO reviewed historical chloride results and did not identify any abnormal differences in 1Q25 data compared to historical data. For this reason, it is ERO's opinion that the qualified results do not render the data unusable or impact interpretations of the sampling results.

Field duplicate RPD values are shown in Table 2. RPD was not able to be calculated for some constituents due to high laboratory dilution. Thus, the constituent concentration was reported as less than the laboratory reporting limit based on the dilution factor. The field RPD values varied by well and by analyte from less than 1 percent to 44 percent for non-qualified results. The higher RPD values were typically seen in the very low concentrations results and the RPD was not able to be calculated for some constituents. Based on the low RPD values for the primary contaminant of concern (PCE) in all but one sample, it is ERO's opinion that the ranges in RPD does not render the data unusable.

Table 2. Duplicate sample RPD analysis.

Well	Sample Method	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)
1Q2025 Analysis				
MW-06	Low Flow	2,390	19.8	38.9
		2,340	20.1	39.3
	RPD	*2.1%*	*1.5%*	*1%*
MW-16	Low Flow	90.6	1.79	1.84
		90.1	2.3	2.75
	RPD	*0.6%*	*25%*	*40%*
MW-22D 41-46'	Bailer	6,960	13.2	4.49
		6,870	15.4	4.63
	RPD	*1.3%*	*15%*	*3%*
MW-23D 47-52'	Bailer	114	<1.90	<1.26
		115	<1.90	<1.26
	RPD	*0.87%*	NC	NC
2Q2025 Analysis				
MW-06	Low Flow	2,490	24.9	49.5
		2,340	24.4	48.8
	RPD	*6%*	*2%*	*1.4%*
MW-16	Low Flow	76.3	1.7	1.96
		71.6	2.54	3.06
	RPD	*6 %*	*40%*	*44%*
MW-22D 41-46’	Bailer	9,950	24.8	4.16
		7,340	23.0	4.07
	RPD	*30%*	*8%*	*2%*
MW-39	Low Flow	0.316 J	<0.190	<0.126
		<0.300	<0.190	<0.126
	RPD	NC	NC	NC

NC=Not calculated

4.0 Off-site Plume Delineation

4.1 Background

Additional groundwater wells were identified in the LTGMP for installation to fully delineate the extent of the groundwater plume to the east and northeast of the known groundwater plume, easterly of the TSC Property. The well locations for shallow off-site groundwater plume delineation are shown on the attached figures with rationale listed in Table 3.

Table 3. Shallow off-site groundwater delineation wells.

Delineation Well	Original (LTGMP) Designation	Location	Rationale
MW-40	MW-A	Alley between East 89th Avenue and Oak Place	Easterly and downgradient of former dry cleaner facility at 8946 N. Washington, within alley that contains the sanitary sewer line for the former TSC.
MW-41	MW-B	Alley between Oak Place and East 88th Avenue	Easterly of MW-18 that contained PCE up to 3,900 µg/L prior to BOS-100 injections.
MW-42	MW-C	Desoto Street, south of East 88th Avenue	Delineate the easterly boundary of the known groundwater plume, east of MW-29, MW-33, and MW-34
MW-43	MW-D	Edison Street, south of East 88th Avenue	
MW-44	MW-E	Essex Street, easterly of MW-33	

4.2 Groundwater Well Installation

Prior to subsurface work, ERO notified Colorado 811 (CO811) and submitted notifications to the Colorado Department of Natural Resources, Division of Water Resources (CDWR). In addition, right-of-way permits for installation were obtained from Adams County.

Wells were installed using either direct-push technology (DPT) or a hollow-stem auger (HSA) drill rig. Wells MW-40 and MW-41 required the use of DPT drilling because of overhead utilities prevented the use of a tall-masted HSA rig. During drilling, continuous soil cores were used to obtain a 5-foot-long continuous core of the subsurface at each location. Upon completion of each 5-foot interval, the sampler was removed, leaving the outer drill augers in the boring. The sampler was then opened, revealing the soil core during the HSA drilling. During the DPT drilling, the soil core was contained within a poly-acetate liner within the lead drill road, which was removed and opened to reveal the soil core. The soil core was then logged by a qualified geologist for lithology, staining, and olfactory indications of contamination, and screened with a photoionization detector (PID) with a 10.6-electronvolt lamp capable of detecting VOCs. The sampler was then placed back in the lead drill rod and the process repeated.

During drilling, soil samples were collected from the approximate water table and the extent of mechanical refusal for the DPT wells (MW-40 and MW-41) or at the base of the boring for each of the HSA wells (MW-42 through MW-44). Soil samples were collected directly from the core as it was removed from the sampler during drilling, packed into laboratory-provided, glass sample jars, labeled, and placed on ice for transport to the laboratory for analysis of VOCs associated with dry cleaning by EPA Method 8260B.

Upon reaching the total depth of drilling, a groundwater monitoring well was installed in each boring and consisted of new, factory-slotted (0.010-inch), 2-inch-diameter polyvinyl chloride (PVC) well screen across the water table with plain casing to the surface. A filter pack consisting of 10-20 graded silica sand was placed in the borehole to 2 feet above the screen interval. The annular space in the borehole

was sealed above the sand pack with a hydrated bentonite seal. The wells were completed with a vehicle-rated manhole cover set in concrete at the surface.

After completion, the monitoring wells were developed by purging the wells with 2-inch polyethylene disposable bailers of at least five well casing volumes from each well and surging with a decontaminated 2-inch surge block. The wells were professionally surveyed to the project datum to incorporate into the larger groundwater monitoring well network.

4.3 Soil Results

Soils from MW-40 (MW-A during drilling) at the approximate water table (Sample ID: MW-A-13) and within the water table (Sample ID MW-A-18.5) contained detectable PCE concentrations of 0.00703 milligrams per kilogram (mg/kg) and 0.0023 mg/kg, respectively (Lab Report L1806735; Appendix C). The deeper sample result was qualified as estimated to be below the laboratory reporting limit, but above the laboratory detection limit.

No VOCs associated with dry cleaners were detected in soil samples collected from the remaining wells (Lab Reports L1806735 and L1809817; Appendix C).

4.4 Groundwater Results

The off-site plume delineation wells have been incorporated into both 1Q25 and 2Q25 groundwater sample events (Table 9). Results indicate that wells MW-40, MW-41, MW-42, and MW-43 contain PCE above CBGWS, with groundwater at MW-42 also containing TCE above the CBGWS. Groundwater from MW-44 did not contain PCE or degradation products at concentrations that exceeded the CBGWS.

5.0 Deep Groundwater Plume Investigation

5.1 Background

Limited groundwater data has been collected with respect to deep groundwater contamination on the TSC Property and off-site. Until 2025, the only wells with deep groundwater data were the MW-22D and MW-23D clusters on the TSC Property and MW-26D south of the TSC Property. Historical groundwater data indicates that well MW-22D 55’-60’ has consistently had the highest PCE groundwater concentrations of all wells monitored, averaging more than 200,000 µg/L across nine monitoring events since the well was installed in 2016. The screened interval for MW-22D 55’-60’ is between 5,243 and 5,248 AMSL and screened across a medium to fine grain sandstone. Although this sandstone does not appear in the boring logs for well MW-23D at the southern property boundary, well screen elevations of MW-23D 47’-52’ and MW-23D 56.5’-61.5’ generally cover the similar screen interval as MW-22D 55’-60’. Well logs for site wells are included in Appendix D.

Groundwater elevations for wells MW-22D 30-35’, MW22D 35-40’, and nearby shallow well MW-11 have historically been measured to be within 0.5 feet of each other, whereas the wells with deeper

screened intervals (MW-22D 41-46' and deeper) have groundwater elevation differences of 4 feet or more, compared with the shallower wells. For these reasons, the deep groundwater investigation initially targeted the deeper zones, generally below 40 feet bgs.

5.2 New Deep Monitoring Well Locations

As part of the LTGMP, three additional clusters of deep groundwater wells were installed in January 2025 to provide additional characterization of the deep groundwater conditions and flow directions, if able to be calculated. The well clusters were installed easterly, westerly and northerly of the source to delineate the extent of and characterize the groundwater flow. The well locations are shown on Figures 5 and 7.

Table 4. On-site deep groundwater delineation wells.

Delineation Well	Proposed Location	Rationale
Deep Cluster MW-45 (MW-A in LTGMP)	NW of source area, outside of building footprint, adjacent to MW-10	Define the north, presumed upgradient deep groundwater characteristics.
Deep Cluster MW-47 (MW-B in LTGMP)	SW of source area, within building footprint, SW of MW-9*	Define the westerly, lateral deep groundwater characteristics.
Deep Cluster C MW-46 (MW-C in LTGMP)	East of source area, adjacent to MW-16	Define the easterly, lateral deep groundwater characteristics.

*Location adjusted from LTGMP in accordance with CDPHE approval.

5.3 Well Installation Procedures

On January 6 through 14, 2025, ERO supervised the installation of the monitoring wells in separate boreholes, each drilled using a 600-T sonic drill rig operated by Cascade Drilling, Inc. The rig was capable of producing a continuous 4-inch diameter soil core at each location for the full depth of the well bore that was able to be logged, screened, and sampled by an ERO geologist as described above. Because of the close proximity of each well cluster, the deep bore was continuously cored, screened and logged during drilling while the additional two shallower borings were drilled, but not screened or monitored. The soil core was contained within a 10-foot long poly-sleeve within the lead drill rod. At 10-foot intervals, the lead drill rod was removed, the sleeve retrieved in 2.5-foot intervals, sealed and placed aside for logging. An ERO geologist opened the sample sleeve to reveal the core, logged each for the lithology, and screened the length with a photoionization detector (PID). Samples were collected at approximately 5-foot intervals for the length of the soil core by collecting soil directly from the core and placing it in laboratory-provided, certified pre-cleaned glass soil jars. The jars were labeled (wells were initially labeled with alpha-numeric identifiers listed above in Table 4, but changed to site numbering after installation). All samples were submitted to Pace Analytical Laboratory in Mt. Julliet, Tennessee for analysis of VOCs by EPA method 8260. The remainder of the soil core was then managed as solid IDW.

Once the deep bore was completed to depth, a groundwater well consisting of 2-inch, Schedule 40 PVC factory slotted well screen and riser was installed through the sonic tubing. A filter pack of 10-20 silica sand was placed within the screened interval to a depth of 2-feet above the screen. The remainder of the well was sealed with hydrated bentonite chips and Portland cement grout. The second and third

wells within each cluster were then drilled using this same technique, however as the lithology was already logged, these borings were not logged during drilling. Soil boring logs and well completions are included in Appendix B. Wells were subsequently developed in the same manner as the off-site delineation wells described below and professionally surveyed to the site datum.

5.4 Deep Groundwater Well Analytical Data

Soil analytical laboratory sheets are included in Appendix C and summarized below. PCE was not detected in the majority of the soil samples collected during drilling.

Table 5. Deep groundwater well soil data.

Sample ID	Well Location	Depth	PCE Soil Result (in mg/kg)
MW-A Samples	MW-45	-	No Detections
MW-BD-23	MW-47	23	0.0105
MW-CD-22.5	MW-46	22.5	0.00115 J
MW-CD-27.5	MW-46	27.5	0.00140J

The deep groundwater wells were sampled during both quarters of 2025. Well MW-47 48-53' contained an estimated PCE concentration of 0.542 J in 1Q25 but did not contain detectable PCE in 2Q25. No other VOCs were detected in groundwater from any of the deep groundwater monitoring wells.

5.5 Deep Groundwater Elevations

Groundwater elevations within the deep groundwater wells changed significantly between 1Q25 and 2Q25, increasing more than 24 feet in some instances. Based on the significance of the changes, it remains uncertain whether or not the 2Q25 water levels represent static water levels and deep groundwater flow evaluation will be calculated using at least 2Q25 data and presented in subsequent reports.

6.0 Off-site Performance Monitoring Wells

In 2021, groundwater at four off-site areas (OFS-1 through OFS-4) was treated with BOS 100® under a previously approved CAP. Prior to 2024, performance monitoring of these treatment areas consisted of the quarterly visual confirmation of the continued presence of the BOS 100® injectant and quarterly sampling from wells upgradient from the treatment areas (ERO 2024). As part of this LTGMP, four downgradient performance monitoring wells (MW-36 through MW-39) originally proposed in the previously-approved CAP have been planned, with two of the four wells installed as of the date of this report in accordance with the Division's May 3, 2022 approval of locations (CDPHE 2022). A summary discussion of the off-site performance monitoring well status is provided below and in Table 6.

Table 6. Performance monitoring well construction details.

Performance Well	Install Date	Nearest Upgradient Well	DTW range since installation (bgs)	Well Depth	Screen Length
MW-36	NI	MW-24	-	-	-
MW-37	2/7/25	MW-19	10.3 - 11.3	25	15
MW-38	NI	MW-20	-	-	-
MW-39	1/24/25	MW-15	16.2 - 13.8	30	15

Bgs = below ground surface
NI = Not Installed

6.1 MW-36 Performance Well

ERO submitted an access request inquiry to the condominium management agency (Mastino Management) on November 4, 2024, with email responses on November 20, 2024 indicating the request was going to be submitted to the board of the homeowners association for review. Inquiries to the management agency contact on April 30, 2025 indicated management had changed and that the request was to be forwarded to the new agency (RealManage). As of the date of this report, the proposed well location and draft access agreements have been submitted to the homeowners association for review by the new management agency.

6.2 MW-37 Performance Well

The location of this well was moved about 24 feet southeast to avoid subsurface utilities. The relocation request was submitted to the Division on January 12, 2025 and approved on January 23, 2025 (CDPHE 2025a). Approval correspondence is included in Appendix E and boring/well completion logs are included in Appendix B. This well is located within the Adams County right-of-way of Corona Street and was installed on February 7, 2025.

The well was drilled using DPT due to the limited accessibility of the location with respect to driveways, utilities, and street closure limitations. Continuous coring using DPT was able to be conducted to a depth of 10 feet bgs, however mechanical refusal was encountered and the borehole was completed with solid stem augers for depths below 10 feet bgs. Upon completion of the boring to a depth of 25 feet bgs, a groundwater monitoring well was installed and developed in the same manner as described above in Section 4.2.

During drilling, one sample was collected from the approximate water table at 10 feet bgs, at the base of the continuous coring (Sample ID: MW-37@10'). Because of the drilling methods below 10 feet bgs, no additional soil samples were collected. The soil sample was collected directly from the drill core using new, nitrile-gloved hands to collect the soil and placed in a laboratory-provided, certified clean, glass soil jar. The jar was then labeled, placed on ice, and transported to Pace Analytical Laboratory in Mt. Julliet, Tennessee for analysis of VOCs associated with dry cleaners by EPA method 8260B. No VOCs associated with dry cleaners were detected above laboratory detection limits in the soil sample (Lab Report L1824976; Appendix C).

This well was included within the 2Q25 groundwater sampling event and field observations have not identified any BOS-100 in the groundwater. Groundwater samples from this well contained PCE and TCE above the CBGWS at 568 µg/L and 62.3 µg/L, respectively (Table 9).

6.3 MW-38 Performance Well

Access request was submitted to the property owner on November 4, 2024 under USPS Registered Mail Receipt 7021 2720 0003 3260 4733 (Appendix E). As of the date of this report, no further correspondence has been received.

6.4 MW-39 Performance Well

Access request was submitted to the property owner on November 4, 2024 under USPS Registered Mail Receipt 7021 2720 0003 3260 4740 (Appendix E). An access agreement for the well was executed on December 10, 2024 and the well was installed on January 24, 2025.

Drilling of this well used DPT because of access restrictions within the yard area of the location. The full depth of the well was able to be continuously cored for lithologic screening and sampling. Upon completion of the boring to a depth of 28.5 feet bgs, a groundwater monitoring well was installed and developed in the same manner as described above in Section 4.2.

During drilling, two soil samples were collected – one from the approximate water table at 14 feet bgs (sample ID: MW-39-14) and one at the base of the boring at 28 feet bgs (sample ID: MW-39-28). Samples were collected in the same manner as described above for well MW-37. Laboratory results did not contain detectable VOCs associated with dry cleaners above laboratory detection limits (Lab Report L1820106; Appendix C).

Groundwater sampling of this well was included within both 1Q25 and 2Q25 groundwater sampling events. Field observations have not identified any BOS-100 in the groundwater and samples did not contain detectable PCE concentrations above the CBGWS across either sampling event (Table 9).

7.0 Investigation Derived Waste

Purged groundwater investigation derived waste (IDW) was containerized in DOT-approved 55-gallon drums at the time of generation. The drums were labeled in accordance with Colorado Hazardous Waste Regulations and stored within secondary containment within a secured drum storage area on the TSC Property. Liquid IDW was treated in accordance with ERO's October 2, 2023 Request for Treatment by Rule for On-site Generator Hazardous Environmental Media IDW Treatment approved by CDPHE on October 13, 2023. Results of the treatment were submitted for Contained Out determinations on May 15, 2025 (1Q25) and on July 18, 2025 (2Q24). CDPHE issued contained-out determinations for the waste on May 19 and July 22, 2025, respectively. The waste remains stored within a secured area on the TSC property awaiting disposal.

7.1 Off-site Performance Monitoring Wells

Soil cuttings from wells MW-37 and MW-39 were characterized using sample results collected from cuttings at the time of drilling. Sample results were submitted to the Division, requesting contained out determinations on March 27, 2025. The Division approved the request on May 9, 2025 and the soils are currently staged on-site for management as non-hazardous solid waste.

7.2 Deep Groundwater Plume Monitoring Wells

Soil cuttings from the deep groundwater plume well installation were characterized using sample results collected from cuttings at the time of drilling. Sample results were submitted to the Division, requesting contained out determinations on January 27, 2025. The Division approved the request on February 4, 2025 and the soils are currently staged on-site for management as non-hazardous solid waste.

8.0 Conclusions and Recommendations

ERO has completed the 1H25 groundwater monitoring events at the TSC in general accordance with the previously documented Corrective Action Plan, past monitoring reports, and consistent with the recently approved TSC LTGMP approved by CDPHE. Based on this data obtained, ERO presents the following conclusions:

- Groundwater flow remains consistent with recently reported flow to the southeast.
- Groundwater PCE concentrations were within historical ranges for these sampling events.
- Wells MW-18, MW-19, MW-20, and MW-24 continue to contain evidence of previous remedial BOS-100 injections within the wells.
- Although well MW-23D 47-52’ and the MW-23D nested well cluster will continue to be monitored for impacts of the oil water mixture, the residual oily smear does not appear to have impacted the groundwater monitoring data and further discussion will only be presented if warranted.
- Off-Site Plume Delineation - Based on the results of the two quarters of groundwater monitoring, the delineation of the northeast portion of the groundwater plume appears to remain incomplete. Prior to further delineation with additional wells, TDA proposes to complete two additional quarters of monitoring of the new off-site wells (3Q25 and 4Q25) to fully evaluate the nature and extent of exceedances across seasons prior to proposing additional delineation wells. Locations of additional wells are anticipated to be proposed within the 2H25 monitoring report.
- Off-site Performance Wells - Based on the limited groundwater data from well MW-37, it is unclear if the remedial actions at the OFS-1 area have had any impact on contaminant concentrations in this area. Based on the groundwater results at well MW-39, it appears that

prior remedial actions within the OFS-3 area appear to have reduced contaminant concentrations to below current CBGWS without the generation of detectable degradation products. Quarterly sampling of both wells will continue according to the LTGMP and TDA will continue to seek access from the off-site property owners to install the two remaining performance monitoring wells.

The 3Q25 sampling event occurred in July 2025 and the 4Q25 sampling event will be conducted in October 2025.

9.0 References

Colorado Department of Public Health and Environment (CDPHE). 2020. Water Quality Control Commission. Basic Standards for Ground Water. 5 CCR 1002-41, Regulation No. 41. Effective June 30.

Colorado Department of Public Health and Environment (CDPHE). 2023a. Email from Lindsay Murl to Jack Denman (ERO). Re: TDA Interim Monitoring Plan for TSC. January 19.

Colorado Department of Public Health and Environment (CDPHE). 2023b. Email from Lindsay Murl to Jack Denman (ERO). Re: TSC Sampling - BOS in wells. January 30.

Colorado Department of Public Health and Environment (CDPHE). 2024a. Approval – Remedial Investigation and Corrective Measures Work Plan; Thornton Shopping Center, NE Corner East 88th Avenue and Washington Street, Thornton, CO 80229; EPA ID# COR000212639. July 3.

Colorado Department of Public Health and Environment (CDPHE). 2024b. Approval – Long Term Groundwater Monitoring Plan; Thornton Shopping Center, NE Corner East 88th Avenue and Washington Street, Thornton, Colorado; Compliance Order On Consent: 24-02-01-01; EPA ID# COR000212639; CDPHERM HAZ COR - Corrective Action. August 15.

Colorado Department of Public Health and Environment (CDPHE). 2025a. Email Approval – TSC - Deep borings and MW-37 Location Proposal; Thornton Shopping Center, NE Corner East 88th Avenue and Washington Street, Thornton, CO 80229; EPA ID# COR000212639. January 23.

ERO Resources Corporation (ERO). 2022. Phase I Environmental Site Assessment - Thornton Shopping Center, NE of North Washington Street at East 88th Avenue, Thornton, Colorado. November 11.

ERO Resources Corporation (ERO). 2023. 3Q23 Groundwater Monitoring Report, Thornton Shopping Center, NE Corner East 88th Avenue and Washington Street, Thornton, Colorado. November 14.

ERO Resources Corporation (ERO). 2024a. Remedial Investigation and Corrective Measures Work Plan, Compliance Order on Consent Number: 24-02-01-01, Thornton Shopping Center, East 88th Avenue and Washington Street, Thornton, CO 80229. May.

ERO Resources Corporation (ERO). 2024b. Long Term Groundwater Monitoring Plan, Compliance Order on Consent Number: 24-02-01-01, Thornton Shopping Center, East 88th Avenue and Washington Street, Thornton, CO 80229. July 18.

Table 7. 1st Half 2025 groundwater elevations.

Table 7. 1st Half 2025 groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-01	1/27/2025	9.47	5299.16	5289.69
MW-01	4/21/2025	8.78	5299.16	5290.38
MW-02	1/29/2025	18.66	5302.21	5283.55
MW-02	4/22/2025	17.95	5302.21	5284.26
MW-03	1/28/2025	12.21	5301.07	5288.86
MW-03	4/21/2025	10.79	5301.07	5290.28
MW-04	1/28/2025	11.19	5299.42	5288.23
MW-04	4/21/2025	9.96	5299.42	5289.46
MW-05	1/27/2025	15.41	5302.58	5287.17
MW-05	4/21/2025	16.80	5302.58	5285.78
MW-06	1/29/2025	15.90	5303.23	5287.33
MW-06	4/22/2025	14.63	5303.23	5288.60
MW-08	1/28/2025	10.32	5298.95	5288.63
MW-08	4/22/2025	9.35	5298.95	5289.60
MW-09	1/30/2025	16.32	5302.62	5286.30
MW-09	4/22/2025	15.08	5302.62	5287.54
MW-10	1/30/2025	12.24	5301.73	5289.49
MW-10	4/22/2025	11.61	5301.73	5290.12
MW-11	1/30/2025	14.07	5303.25	5289.18
MW-11	4/22/2025	12.57	5303.25	5290.68
MW-12R	1/28/2025	14.63	5303.55	5288.92
MW-12R	4/21/2025	13.08	5303.55	5290.47
MW-13	1/29/2025	18.70	5301.02	5282.32
MW-13	4/22/2025	18.58	5301.02	5282.44
MW-14	1/29/2025	19.11	5300.31	5281.20
MW-14	4/22/2025	18.36	5300.31	5281.95
MW-15	1/29/2025	19.43	5300.16	5280.73
MW-15	4/22/2025	18.80	5300.16	5281.36
MW-16	1/28/2025	17.18	5300.28	5283.10
MW-16	4/21/2025	17.01	5300.28	5283.27
MW-17	1/27/2025	13.77	5303.10	5289.33
MW-17	4/22/2025	14.41	5303.10	5288.69
MW-18	1/30/2025	NM	5292.40	--
MW-18	4/21/2025	NM	5292.40	--
MW-19	1/30/2025	NM	5284.28	--
MW-19	4/21/2025	10.82	5284.28	5273.46
MW-20	1/30/2025	14.32	5291.48	5277.16
MW-20	4/21/2025	14.48	5291.48	5277.00
MW-21	1/27/2025	8.35	5267.91	5259.56
MW-21	4/22/2025	NM	5267.91	--
MW-22	1/27/2025	18.33	5299.56	5281.23
MW-22	4/22/2025	18.27	5299.56	5281.29
MW-22D 30-35'	1/29/2025	14.55	5303.38	5288.83
MW-22D 30-35'	4/22/2025	13.88	5303.38	5289.50

Table 7. 1st Half 2025 groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-22D 35-40'	1/29/2025	14.47	5303.42	5288.95
MW-22D 35-40'	4/22/2025	13.00	5303.42	5290.42
MW-22D 41-46'	1/29/2025	16.03	5303.17	5287.14
MW-22D 41-46'	4/22/2025	17.30	5303.17	5285.87
MW-22D 48-53'	1/29/2025	19.01	5303.15	5284.14
MW-22D 48-53'	4/22/2025	19.63	5303.15	5283.52
MW-22D 55-60'	1/29/2025	26.13	5303.27	5277.14
MW-22D 55-60'	4/22/2025	26.59	5303.27	5276.68
MW-22D 72.5-75'	1/29/2025	DRY	5303.44	--
MW-22D 72.5-75'	4/22/2025	DRY	5303.44	--
MW-23	1/28/2025	17.16	5290.01	5272.85
MW-23	4/22/2025	17.36	5290.01	5272.65
MW-23D 31-33.5'	1/29/2025	19.00	NA	NA
MW-23D 31-33.5'	4/21/2025	18.99	NA	NA
MW-23D 47-52'	1/29/2025	21.21	NA	NA
MW-23D 47-52'	4/21/2025	21.19	NA	NA
MW-23D 56.5-61.5'	1/29/2025	33.98	5301.16	5267.18
MW-23D 56.5-61.5'	4/21/2025	35.94	5301.16	5265.22
MW-23D 64-74'	1/27/2025	DRY	5301.12	--
MW-23D 64-74'	4/21/2025	DRY	5301.12	--
MW-24	1/30/2025	12.48	5283.66	5271.18
MW-24	4/21/2025	12.60	5283.66	5271.06
MW-25	1/29/2025	10.26	5280.03	5269.77
MW-25	4/22/2025	10.36	5280.03	5269.67
MW-26D	1/27/2025	14.90	5284.75	5269.85
MW-26D	4/21/2025	13.84	5284.75	5270.91
MW-27	1/27/2025	11.30	5301.80	5290.50
MW-27	4/22/2025	10.10	5301.80	5291.70
MW-28	1/28/2025	12.28	5301.62	5289.34
MW-28	4/22/2025	10.78	5301.62	5290.84
MW-29	1/28/2025	NM	5276.07	--
MW-29	4/21/2025	9.30	5276.07	5266.77
MW-30	1/29/2025	11.32	5260.74	5249.42
MW-30	4/22/2025	9.03	5260.74	5251.71
MW-31	1/28/2025	9.78	5246.61	5236.83
MW-31	4/21/2025	8.69	5246.61	5237.92
MW-32	1/28/2025	8.81	5251.06	5242.25
MW-32	4/21/2025	7.72	5251.06	5243.34
MW-33	1/28/2025	9.94	5257.23	5247.29
MW-33	4/21/2025	9.42	5257.23	5247.81
MW-34	1/29/2025	21.58	5269.36	5247.78
MW-34	4/22/2025	INA	5269.36	--
MW-35	1/28/2025	10.43	5271.72	5261.29
MW-35	4/21/2025	10.01	5271.72	5261.71

Table 7. 1st Half 2025 groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-37	4/22/2025	11.33	NA	NA
MW-39	1/29/2025	15.02	5294.88	5279.86
MW-39	4/22/2025	16.18	5294.88	5278.70
MW-40	1/27/2025	12.52	5293.65	5281.13
MW-40	4/21/2025	12.1	5293.65	5281.55
MW-41	1/27/2025	14.12	5284.17	5270.05
MW-41	4/21/2025	13.25	5284.17	5270.92
MW-42	1/27/2025	11.14	5273.21	5262.07
MW-42	4/21/2025	10.23	5273.21	5262.98
MW-43	1/27/2025	10.24	5264.10	5253.86
MW-43	4/21/2025	9.67	5264.10	5254.43
MW-44	1/27/2025	19.54	5251.92	5232.38
MW-44	4/21/2025	12.57	5251.92	5239.35
MW-45 40-45'	1/28/2025	12.38	5302.06	5289.68
MW-45 40-45'	4/21/2025	12.74	5302.06	5289.32
MW-45 48-53'	1/28/2025	41.43	5301.93	5260.50
MW-45 48-53'	4/21/2025	18.79	5301.93	5283.14
MW-45 55-60'	1/28/2025	54.05	5301.85	5247.80
MW-45 55-60'	4/21/2025	37.99	5301.85	5263.86
MW-46 40-45'	1/28/2025	32.09	5300.99	5268.90
MW-46 40-45'	4/21/2025	18.26	5300.99	5282.73
MW-46 48-53'	1/28/2025	27.61	5301.03	5273.42
MW-46 48-53'	4/21/2025	19.58	5301.03	5281.45
MW-46 55-60'	1/28/2025	46.78	5300.78	5254.00
MW-46 55-60'	4/21/2025	22.29	5300.78	5278.49
MW-47 40-45'	1/28/2025	18.44	5303.33	5284.89
MW-47 40-45'	4/21/2025	18.25	5303.33	5285.08
MW-47 48-53'	1/28/2025	29.68	5303.40	5273.72
MW-47 48-53'	4/21/2025	23.69	5303.40	5279.71
MW-47 55-60'	1/28/2025	DRY	5303.172	--
MW-47 55-60'	4/21/2025	47.50	5303.172	5255.67
8946-2	1/30/2025	11.31	5300.53	5289.22
8946-2	4/22/2025	9.19	5300.53	5291.34
8946-6	1/30/2025	11.93	5301.03	5289.10
8946-6	4/22/2025	13.96	5301.03	5287.07

Table 8. 1st Half 2025 groundwater parameters.

Table 8. 1st Half 2025 groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-01	1/27/2025	15.9	7.75	4,933	4.53	-31.2
MW-01	4/21/2025	NOP	NOP	NOP	NOP	NOP
MW-02	1/29/2025	17.5	7.13	5,877	0.43	119.8
MW-02	4/22/2025	17.9	7.15	5,347	0.37	242.7
MW-03	1/28/2025	16.3	7.18	4,985	0.29	112.0
MW-03	4/21/2025	16.9	7.28	4,402	0.35	231.4
MW-04	1/28/2025	16.3	7.36	3120	0.20	115.7
MW-04	4/21/2025	16.4	7.33	2502	1.62	232.3
MW-05	1/27/2025	16.2	7.09	6,737	2.40	-74.0
MW-05	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-06	1/29/2025	17.4	7.20	5,634	0.15	111.7
MW-06	4/22/2025	17.6	7.26	4,911	0.60	225.4
MW-08	1/28/2025	14.4	7.24	5,354	0.19	111.1
MW-08	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-09	1/30/2025	14.6	7.37	1733	4.89	109.4
MW-09	4/22/2025	14.8	7.25	5912	2.71	164.8
MW-10	1/30/2025	16.7	6.80	10,607	0.14	111.3
MW-10	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-11	1/30/2025	14.1	7.49	1469	0.26	109.8
MW-11	4/22/2025	14.7	7.41	1721	0.83	184.8
MW-12R	1/28/2025	16.0	7.99	1,168	0.07	117.7
MW-12R	4/21/2025	16.2	7.99	1,028	0.51	201.3
MW-13	1/29/2025	16.3	7.13	6,550	0.16	112.7
MW-13	4/22/2025	17.3	7.16	5,719	0.12	227.5
MW-14	1/29/2025	16.1	7.09	6,931	0.12	114.7
MW-14	4/22/2025	15.2	7.13	6,585	0.66	117.7
MW-15	1/29/2025	15.6	7.07	6,076	0.14	114.8
MW-15	4/22/2025	17.3	7.07	5,435	0.43	229.4
MW-16	1/28/2025	15.6	6.90	5,342	0.43	118.6
MW-16	4/21/2025	16.5	7.13	2,387	1.42	235.2
MW-17	1/27/2025	16.6	7.37	3,049	2.40	127.0
MW-17	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-18	1/30/2025	--	--	--	--	--
MW-18	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-19	1/30/2025	--	--	--	--	--
MW-19	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-20	1/30/2025	--	--	--	--	--
MW-20	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-21	1/27/2025	15.2	7.03	6,101	0.54	126.1
MW-21	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-22	1/27/2025	15.3	7.27	4,851	3.81	126.9
MW-22	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-22D 30-35'	1/29/2025	16.3	7.18	6,448	1.86	-30.1
MW-22D 30-35'	4/22/2025	15.3	7.18	6,545	3.38	268.6

Table 8. 1st Half 2025 groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-22D 35-40'	1/29/2025	16.2	7.07	6,755	1.38	-29.3
MW-22D 35-40'	4/22/2025	15.5	7.24	5,913	2.18	264.8
MW-22D 41-46'	1/29/2025	16.2	7.07	6755	1.38	-29.3
MW-22D 41-46'	4/22/2025	15.1	7.14	6715	3.62	270.1
MW-22D 48-53'	1/29/2025	16.2	7.00	6982	1.80	-29.4
MW-22D 48-53'	4/22/2025	15.4	7.12	6951	2.84	242.8
MW-22D 55-60'	1/29/2025	16.3	6.92	7,020	1.36	-32.4
MW-22D 55-60'	4/22/2025	15.5	7.04	7,016	3.11	226.4
MW-22D 72.5-75'	1/29/2025	--	--	--	--	--
MW-22D 72.5-75'	4/22/2025	--	--	--	--	--
MW-23	1/28/2025	17.3	6.85	6,752	0.53	116.3
MW-23	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-23D 31-33.5'	1/29/2025	15.2	7.25	7,046	2.91	-30.0
MW-23D 31-33.5'	4/21/2025	15.2	7.31	7,007	3.55	258.8
MW-23D 47-52'	1/29/2025	15.2	7.29	6996	1.54	-31.0
MW-23D 47-52'	4/21/2025	14.9	7.37	6989	2.43	255.2
MW-23D 56.5-61.5'	1/29/2025	15.7	7.00	7,077	1.57	-30.0
MW-23D 56.5-61.5'	4/21/2025	14.7	7.16	7,074	3.62	258.8
MW-23D 64-74'	1/27/2025	--	--	--	--	--
MW-23D 64-74'	4/21/2025	--	--	--	--	--
MW-24	1/30/2025	--	--	--	--	--
MW-24	4/21/2025	--	--	--	--	--
MW-25	1/29/2025	14.5	6.92	6,185	0.80	115.7
MW-25	4/22/2025	13.2	6.97	5,549	0.60	234.2
MW-26D	1/27/2025	14.2	7.49	7,138	3.28	-45.6
MW-26D	4/21/2025	NOP	NOP	NOP	NOP	NOP
MW-27	1/27/2025	17.2	7.01	8,340	0.17	135.4
MW-27	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-28	1/28/2025	16.7	6.98	6,300	0.16	116.7
MW-28	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-29	1/29/2025	--	--	--	--	--
MW-29	4/21/2025	16.1	7.05	5,576	0.30	248.0
MW-30	1/29/2025	15.2	7.22	6,645	0.67	112.5
MW-30	4/22/2025	14.5	7.25	5,762	0.81	241.8
MW-31	1/28/2025	14.5	6.96	7,193	1.15	116.8
MW-31	4/21/2025	14.8	7.01	6,195	1.39	238.4
MW-32	1/28/2025	15.7	7.10	6,093	1.85	120.7
MW-33	1/28/2025	15.8	7.19	6,697	0.13	114.8
MW-33	4/21/2025	15.6	7.34	5,970	0.15	236.9
MW-34	1/29/2025	15.7	6.94	5,175	1.22	109.3
MW-35	1/28/2025	15.4	6.98	5,193	2.19	117.5
MW-35	4/21/2025	16.3	7.14	4,547	4.60	259.5
MW-37	4/22/2025	14.5	7.09	6,007	2.08	251.40
MW-39	1/29/2025	12.8	7.43	4,473	8.12	102.2

Table 8. 1st Half 2025 groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-39	4/22/2025	14.1	7.71	3,717	5.61	231.3
MW-40	1/27/2025	14.0	7.28	3,508	5.64	126.9
MW-40	4/21/2025	14.1	7.32	3,116	3.11	210.6
MW-41	1/27/2025	15.2	7.21	6,350	3.49	130.3
MW-41	4/21/2025	15.1	7.25	5,617	1.29	217.2
MW-42	1/27/2025	16.5	7.36	4,789	6.57	125.1
MW-42	4/21/2025	16.4	7.30	4,069	4.47	234.0
MW-43	1/27/2025	15.4	7.30	5,878	3.37	121.7
MW-43	4/21/2025	15.7	7.32	5,193	4.09	232.5
MW-44	1/27/2025	14.8	7.40	5,762	6.63	118.8
MW-44	4/21/2025	15.5	7.53	4,819	4.83	23.9
MW-45 40-45'	1/28/2025	15.3	7.59	5,927	2.77	-52.8
MW-45 40-45'	4/21/2025	14.8	7.34	5,967	2.91	241.3
MW-45 48-53'	1/28/2025	15.5	8.16	5,153	2.45	-30.1
MW-45 48-53'	4/21/2025	14.5	7.26	6,317	2.33	244.6
MW-45 55-60'	1/28/2025	15.4	7.37	5,151	2.21	-27.9
MW-45 55-60'	4/21/2025	14.6	7.16	6,341	2.09	240.8
MW-46 40-45'	1/28/2025	15.5	7.36	6,067	3.62	-37.2
MW-46 40-45'	4/21/2025	14.6	7.19	6,764	2.18	249.8
MW-46 48-53'	1/28/2025	15.5	7.02	7,109	2.68	-5.3
MW-46 48-53'	4/21/2025	14.3	7.03	7,103	2.41	244.0
MW-46 55-60'	1/28/2025	15.3	6.93	7,073	1.03	-34.0
MW-46 55-60'	4/21/2025	14.5	6.77	7,421	1.34	242.0
MW-47 40-45'	1/28/2025	16.0	7.43	6,580	6.11	-43.0
MW-47 40-45'	4/21/2025	15.3	7.10	6,860	2.84	251.3
MW-47 48-53'	1/28/2025	16.8	7.04	7,304	1.55	-31.0
MW-47 48-53'	4/21/2025	15.2	7.12	7,244	2.54	253.5
MW-47 55-60'	1/28/2025	--	--	--	--	--
MW-47 55-60'	4/21/2025	15.4	7.36	7,486	2.44	245.6
8946-2	1/30/2025	14.4	7.33	4,675	5.73	109.2
8946-2	4/22/2025	15.7	7.44	3,115	5.08	249.8
8946-6	1/30/2025	15.2	7.35	4,784	2.95	110.3
8946-6	4/22/2025	16.2	7.39	4,334	2.72	252.9

[a] °C = degrees Celsius

[b] µS/cm = microsiemens per centimeter

[c] mg/L = milligrams per liter

[d] ORP = oxidation-reduction potential

[e] mV = millivolts

[f] a dash (--) indicates that a parameter was not measured

[g] Values with DO concentrations above 15 mg/L are highlighted and are not believed to be representative.

Table 9. 1st Half 2025 groundwater sample results.

Table 9. 1st Half 2025 groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
MW-01	ERO	1/27/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-02	ERO	1/29/2025	**242**	2.28	2.95	<0.149	<0.188	<0.234 C3	--
MW-02	ERO	4/22/2025	**730**	4.70	5.65	<0.149	<0.188	<0.234	--
MW-03	ERO	1/28/2025	**16.2**	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-03	ERO	4/21/2025	14.6	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-04	ERO	1/28/2025	**164**	2.99	<0.126	<0.149	<0.188	<0.234	--
MW-04	ERO	4/21/2025	**161**	3.2	<0.126	<0.149	<0.188	<0.234	--
MW-05	ERO	1/27/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-06	ERO	1/29/2025	**2,390**	19.8	38.9	0.201J	0.595J	2 C3	--
MW-06	ERO	4/22/2025	**2,490**	24.9	49.5	0.171 J	0.884 J	2.67	--
MW-06 DUP	ERO	1/29/2025	**2,340**	20.1	39.3	0.24 J	0.65 J	2.05 C3	--
MW-06 DUP	ERO	4/22/2025	**2,340**	24.4	48.8	<0.149	0.68 J	2.67	--
MW-08	ERO	1/28/2025	3.17	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-09	ERO	1/30/2025	**1,990**	**20**	46.4	0.404 J	0.407 J	0.575 C3 J	--
MW-09	ERO	4/22/2025	**6,190**	**63.8**	**276**	1.74	1.41	2.29	--
MW-10	ERO	1/30/2025	0.439 J	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-10	ERO	4/22/2025	NOP	NOP	NOP	NOP	NOP	NOP	NOP
MW-11	ERO	1/30/2025	**35,000**	**328 J**	**545**	9.03	3.53	2.69 C3	--
MW-11	ERO	4/22/2025	**53,300**	**462**	**854**	9.51 J	3.06 J	3.26 J	--
MW-12R	ERO	1/28/2025	**173**	<1.90	<1.26	<1.49	<1.88	<2.34	--
MW-12R	ERO	4/21/2025	**138**	0.887 J	0.285 J	<0.149	<0.188	<0.234	--
MW-13	ERO	1/29/2025	**8,880**	**52.8**	**91.2**	0.924 J	1.08	1.14 C3	**453**
MW-13	ERO	4/22/2025	**8,050**	**59.3**	**105**	0.646 J	1.07	1.38	**455**
MW-14	ERO	1/29/2025	**11,300**	**51.7**	**85.7**	1 J	1.1	0.563 C3 J	**431**
MW-14	ERO	4/22/2025	**7,330**	**52**	**87.9**	0.362 J	0.967 J	0.827 J	**415**
MW-15	ERO	1/29/2025	**2,030**	**12**	16	<0.149	<0.188	<0.234 C3	**630**
MW-15	ERO	4/22/2025	**1,460**	**13.3**	18.8	<0.149	<0.188	<0.234	**625**
MW-16	ERO	1/28/2025	**90.6**	1.79	1.84	<0.149	<0.188	<0.234	--
MW-16	ERO	4/21/2025	**76.3**	1.7	1.96	<0.149	<0.188	<0.234	--
MW-16 DUP	ERO	1/28/2025	**90.1**	2.3	2.75	<0.149	<0.188	<0.234	--
MW-16 DUP	ERO	4/21/2025	**71.6**	2.54	3.06	<0.149	<0.188	<0.234	--
MW-17	ERO	1/27/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-18	ERO	1/30/2025	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-19	ERO	1/30/2025	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-19	ERO	4/21/2025	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-20	ERO	1/30/2025	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-21	ERO	1/27/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-21	ERO	4/22/2025	NOP	NOP	NOP	NOP	NOP	NOP	NOP
MW-22	ERO	1/27/2025	0.6 J	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-22D 30-35'	ERO	1/29/2025	**9,620**	16.8	2.38	<0.149	<0.188	<0.234 C3	--
MW-22D 30-35'	ERO	4/22/2025	**6,450**	**15.1**	2.41	<0.149	<0.188	<0.234	--
MW-22D 35-40'	ERO	1/29/2025	**15,800**	**25.1**	9.9	<0.149	0.446 J	<0.234 C3	--
MW-22D 35-40'	ERO	4/22/2025	**8,720**	**23.4**	16.5	<0.149	0.247 J	0.416 J	--
MW-22D 41-46'	ERO	1/29/2025	**6,960**	13.2	4.49	<0.149	0.221 J	<0.234 C3	--
MW-22D 41-46'	ERO	4/22/2025	**9,950**	24.8	4.16	<0.149	0.231 J	<0.234	--
MW-22D 41-46' DUP	ERO	1/29/2025	**6,870**	15.4	4.63	<0.149	0.288 J	<0.234 C3	--
MW-22D 41-46' DUP	ERO	4/22/2025	**7,340**	23.0	4.07	<0.149	<0.188	<0.234	--
MW-22D 48-53'	ERO	1/29/2025	**10,800**	**33.3**	1.71	<0.149	<0.188	<0.234 C3	--
MW-22D 48-53'	ERO	4/22/2025	**8,150**	**34.2**	1.57	<0.149	<0.188	<0.234	--
MW-22D 55-60'	ERO	1/29/2025	**92,500**	**50.7**	0.313 J	<0.149	6.94	<0.234 C3	--
MW-22D 55-60'	ERO	4/22/2025	**90,900**	**61.9**	<630	<7.45	<9.40	<11.7	--
MW-22D 72.5-75'	ERO	1/29/2025	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-23	ERO	1/28/2025	4.81	<0.190	<0.126	<0.149	<0.188	<0.234	208
MW-23D 31-33.5'	ERO	1/29/2025	**327**	<3.80	4.04 J	<2.98	<3.76	<4.68 C3 J3 J4	--
MW-23D 31-33.5'	ERO	4/22/2025	**293**	4.54	5.47	<0.149	<0.188	<0.234	--
MW-23D 47-52'	ERO	1/29/2025	**114**	<1.90	<1.26	<1.49	<1.88	<2.34	--
MW-23D 47-52'	ERO	4/21/2025	**106**	4.16	1.79	<0.149	<0.188	<0.234	--
MW-23D 47-52' DUP	ERO	1/29/2025	**115**	<1.90	<1.26	<1.49	<1.88	<2.34	--
MW-23D 56.5-61.5'	ERO	1/29/2025	**155**	4.31	<0.126	<0.149	<0.188	<0.234	--
MW-23D 56.5-61.5'	ERO	4/21/2025	**120**	3.38	<0.126	<0.149	<0.188	<0.234	--
MW-23D 64-74'	ERO	1/29/2025	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-24	ERO	1/30/2025	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-25	ERO	1/29/2025	**283**	**40.3**	3.71	0.255 J	<0.188	<0.234 C3	--
MW-25	ERO	4/22/2025	**357**	**42.9**	3.93	0.27 J	<0.188	<0.234	--
MW-26D	ERO	1/27/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	85.2
MW-26D	ERO	4/21/2025	--	--	--	--	--	--	NOP
MW-27	ERO	1/27/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-28	ERO	1/28/2025	11.1	0.337 J	<0.126	<0.149	<0.188	<0.234	--
MW-29	ERO	1/29/2025	NA	NA	NA	NA	NA	NA	NA
MW-29	ERO	4/21/2025	**549**	**34.6**	6.54	4.82	<0.188	<0.234	--
MW-30	ERO	1/29/2025	**207**	**6.04**	0.821 J	<0.149	<0.188	<0.234 C3	--
MW-30	ERO	4/22/2025	**239**	**7.37**	0.964 J	<0.149	<0.188	<0.234	--

Table 9. 1st Half 2025 groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
MW-31	ERO	1/28/2025	14	2.76	0.437 J	<0.149	<0.188	<0.234	--
MW-31	ERO	4/21/2025	16	2.24	0.247 J	<0.149	<0.188	<0.234	--
MW-32	ERO	1/28/2025	16.2	2.74	0.802 J	<0.149	<0.188	<0.234	--
MW-32	ERO	4/21/2025	**17.7**	2.14	0.505 J	<0.149	<0.188	<0.234	--
MW-33	ERO	1/28/2025	**139**	4.59	1.12	<0.149	<0.188	<0.234	--
MW-33	ERO	4/21/2025	**89.2**	2.71	0.456 J	<0.149	<0.188	<0.234	--
MW-34	ERO	1/29/2025	**98.4**	**111**	37.7	25.9	0.198 J	<0.234 C3 J3 J4	--
MW-35	ERO	1/28/2025	**226**	<1.90	<1.26	<1.49	<1.88	<2.34	--
MW-35	ERO	4/21/2025	**259**	6.79	2.06	<0.149	<0.188	<0.234	--
MW-37	ERO	4/22/2025	**568**	62.3	6.57	0.512 J	<0.188	<0.234	--
MW-39	ERO	1/29/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-39	ERO	4/22/2025	0.316 J	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-39 DUP	ERO	1/29/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-39 DUP	ERO	4/22/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-40	ERO	1/27/2025	**72.2**	2.08	1.5	<0.149	<0.188	<0.234	--
MW-40	ERO	4/21/2025	**46.3**	1.79	1.12	<0.149	<0.188	<0.234	--
MW-41	ERO	1/27/2025	**62.4**	0.782 J	0.449 J	<0.149	<0.188	<0.234	--
MW-41	ERO	4/21/2025	**40.7**	0.509 J	0.147 J	<0.149	<0.188	<0.234	--
MW-42	ERO	1/27/2025	**425**	**114**	8.51	9.92	<0.188	<0.234	--
MW-42	ERO	4/21/2025	**296**	**173**	10.1	16.4	<0.188	<0.234	--
MW-43	ERO	1/27/2025	**45.5**	7.64	0.208 J	<0.149	<0.188	<0.234	--
MW-43	ERO	4/21/2025	**34.4**	6.88	<0.126	<0.149	<0.188	<0.234	--
MW-44	ERO	1/27/2025	4.23	1.17	<0.126	<0.149	<0.188	<0.234	--
MW-44	ERO	4/21/2025	6.91	2.01	<0.126	<0.149	<0.188	<0.234	--
MW-45 40-45'	ERO	1/28/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-45 40-45'	ERO	4/21/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-45 48-53'	ERO	1/28/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-45 48-53'	ERO	4/21/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-45 55-60'	ERO	1/28/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-45 55-60'	ERO	4/21/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-46 40-45'	ERO	1/28/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-46 40-45'	ERO	4/21/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-46 48-53'	ERO	1/28/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-46 48-53'	ERO	4/21/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-46 55-60'	ERO	1/28/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-46 55-60'	ERO	4/21/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-47 40-45'	ERO	1/28/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-47 40-45'	ERO	4/21/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-47 48-53'	ERO	1/28/2025	0.542 J	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-47 48-53'	ERO	4/21/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-47 55-60'	ERO	1/28/2025	DRY	DRY	DRY	DRY	DRY	DRY	--
MW-47 55-60'	ERO	4/21/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
8946-2	ERO	1/30/2025	**1380**	2.03	0.389 J	<1.00	<1.00	<1.00 C3	--
8946-2	ERO	4/22/2025	**624**	2.03	<0.126	<0.149	<0.188	<0.234	--
8946-6	ERO	1/30/2025	**502**	0.899 J	0.211 J	<1.00	<1.00	<1.00 C3	--
8946-6	ERO	4/22/2025	**252**	0.699 J	<0.126	<0.149	<0.188	<0.234	--

Shaded - Most recent sampling

Blue highlighted cell indicates that the constituent was detected in the water sample

Bold value indicates that the constituent was detected in the water sample at a concentration greater than the CBGWS

DRY = Well is dry at time of sampling event

NA = Well was inaccessible at the time of sampling event

"<" indicates that the constituent was detected in the water sample at a concentration greater than or equal to the laboratory reporting limit. Associated value is the laboratory reporting

[a] µg/L = micrograms per liter

[b] mg/L = milligrams per liter

[c] Freedom = Freedom Environmental Constultants, Inc.

[d] LTE = LT Environmental, Inc.

[e] R3 = Remediation Risk Reduction, LLC

[f] RETTEW = Rettew Associates, Inc.

[g] Quantum = Quantum Water & Environment

[h] ND = no detection

[i] NR = not reported in previous reports

[m] A dash (--) indicates that the water sample was not analyzed for the constituent indicated.

[n] Water Quality Standard from Colorado Water Quality Control Commission Regulation No. 41: The Basic Standards for Ground Water, Table A (June 30, 2020).

[p] Sample was collected as part of Post-Injection Monitoring after BOS-100 injections.

[o] Water Quality Standard from Colorado Water Quality Control Commission Regulation No. 41: The Basic Standards for Ground Water, Table 2 - Domestic Water Supply Well - Drinking Wate

A "C3" qualifier means the reported concentration is an estimate

A "J" qualifier means the identification of the analyte is acceptable; the reported value is an estimate.

Table 9. 1st Half 2025 groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride

A "J3" qualifier means associated batch QC was outside the established quality control range for precision.
A "J4" qualifier means associated batch QC was outside the established quality control range for accuracy.

Table 10. Historical groundwater elevations.

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-01	10/15/2005	11.04	5299.16	5288.12
MW-01	3/22/2006	11.18	5299.16	5287.98
MW-01	6/28/2006	9.58	5299.16	5289.58
MW-01	10/12/2006	9.70	5299.16	5289.46
MW-01	1/20/2007	9.56	5299.16	5289.60
MW-01	4/20/2007	8.98	5299.16	5290.18
MW-01	7/14/2007	8.94	5299.16	5290.22
MW-01	6/13/2008	8.92	5299.16	5290.24
MW-01	10/3/2008	8.90	5299.16	5290.26
MW-01	3/31/2009	9.58	5299.16	5289.58
MW-01	6/30/2009	8.88	5299.16	5290.28
MW-01	10/14/2009	9.03	5299.16	5290.13
MW-01	12/15/2009	9.26	5299.16	5289.90
MW-01	3/31/2010	9.61	5299.16	5289.55
MW-01	8/17/2011	8.89	5299.16	5290.27
MW-01	3/30/2012	9.50	5299.16	5289.66
MW-01	6/14/2012	8.40	5299.16	5290.76
MW-01	9/13/2012	8.91	5299.16	5290.25
MW-01	12/13/2012	10.34	5299.16	5288.82
MW-01	3/19/2013	10.56	5299.16	5288.60
MW-01	10/24/2013	9.73	5299.16	5289.43
MW-01	4/22/2014	6.50	5299.16	5292.66
MW-01	10/20/2014	8.36	5299.16	5290.80
MW-01	2/9/2015	10.28	5299.16	5288.88
MW-01	10/7/2015	7.70	5299.16	5291.46
MW-01	4/13/2016	3.73	5299.16	5295.43
MW-01	10/13/2016	8.79	5299.16	5290.37
MW-01	4/11/2017	10.37	5299.16	5288.79
MW-01	10/24/2017	8.69	5299.16	5290.47
MW-01	5/22/2018	8.80	5299.16	5290.36
MW-01	10/11/2018	8.95	5299.16	5290.21
MW-01	4/5/2019	9.82	5299.16	5289.34
MW-01	5/14/2019	9.81	5299.16	5289.35
MW-01	10/7/2019	9.07	5299.16	5290.09
MW-01	4/6/2020	9.61	5299.16	5289.55
MW-01	10/20/2020	9.50	5299.16	5289.66
MW-01	12/6/2021	9.00	5299.16	5290.16
MW-01	3/22/2022	6.33	5299.16	5292.83
MW-01	1/23/2023	9.54	5299.16	5289.62
MW-01	4/24/2023	9.13	5299.16	2590.03
MW-01	7/13/2023	8.63	5299.16	5290.53
MW-01	10/16/2023	8.05	5299.16	5291.11
MW-01	1/23/2024	9.68	5299.16	5289.48
MW-01	4/23/2024	8.26	5299.16	5290.90

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-01	7/24/2024	7.61	5299.16	5291.55
MW-01	10/16/2024	8.22	5299.16	5290.94
MW-01	1/27/2025	9.47	5299.16	5289.69
MW-01	4/21/2025	8.78	5299.16	5290.38
MW-02	10/15/2005	25.27	5302.21	5276.94
MW-02	3/22/2006	19.80	5302.21	5282.41
MW-02	6/28/2006	17.45	5302.21	5284.76
MW-02	10/12/2006	16.50	5302.21	5285.71
MW-02	1/20/2007	16.03	5302.21	5286.18
MW-02	4/20/2007	17.08	5302.21	5285.13
MW-02	7/14/2007	16.05	5302.21	5286.16
MW-02	6/13/2008	16.03	5302.21	5286.18
MW-02	10/3/2008	15.75	5302.21	5286.46
MW-02	3/31/2009	19.53	5302.21	5282.68
MW-02	6/30/2009	16.83	5302.21	5285.38
MW-02	10/14/2009	14.63	5302.21	5287.58
MW-02	12/15/2009	16.03	5302.21	5286.18
MW-02	3/31/2010	17.73	5302.21	5284.48
MW-02	8/17/2011	15.32	5302.21	5286.89
MW-02	3/30/2012	17.10	5302.21	5285.11
MW-02	6/14/2012	16.52	5302.21	5285.69
MW-02	9/13/2012	16.91	5302.21	5285.30
MW-02	12/13/2012	18.58	5302.21	5283.63
MW-02	3/19/2013	18.68	5302.21	5283.53
MW-02	10/24/2013	15.98	5302.21	5286.23
MW-02	4/22/2014	17.86	5302.21	5284.35
MW-02	10/20/2014	16.10	5302.21	5286.11
MW-02	2/9/2015	18.65	5302.21	5283.56
MW-02	10/7/2015	16.33	5302.21	5285.88
MW-02	4/13/2016	17.13	5302.21	5285.08
MW-02	10/13/2016	16.83	5302.21	5285.38
MW-02	4/11/2017	18.16	5302.21	5284.05
MW-02	10/24/2017	16.10	5302.21	5286.11
MW-02	5/22/2018	16.05	5302.21	5286.16
MW-02	10/11/2018	15.69	5302.21	5286.52
MW-02	4/5/2019	17.10	5302.21	5285.11
MW-02	5/14/2019	17.03	5302.21	5285.18
MW-02	10/7/2019	16.92	5302.21	5285.29
MW-02	4/6/2020	17.73	5302.21	5284.48
MW-02	10/20/2020	17.21	5302.21	5285.00
MW-02	12/9/2021	18.08	5302.21	5284.13
MW-02	3/28/2022	18.67	5302.21	5283.54
MW-02	1/26/2023	18.40	5302.21	5283.81
MW-02	4/25/2023	18.23	5302.21	5283.98

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-02	7/13/2023	16.48	5302.21	5285.73
MW-02	10/17/2023	16.28	5302.21	5285.93
MW-02	1/24/2024	19.32	5302.21	5282.89
MW-02	4/24/2024	17.53	5302.21	5284.68
MW-02	7/25/2024	16.46	5302.21	5285.75
MW-02	10/18/2024	16.34	5302.21	5285.87
MW-02	1/29/2025	18.66	5302.21	5283.55
MW-02	4/22/2025	17.95	5302.21	5284.26
MW-02	7/10/2025	15.19	5302.21	5287.02
MW-03	10/15/2005	11.73	5301.07	5289.34
MW-03	3/22/2006	13.45	5301.07	5287.62
MW-03	6/28/2006	12.28	5301.07	5288.79
MW-03	10/12/2006	12.13	5301.07	5288.94
MW-03	1/20/2007	11.36	5301.07	5289.71
MW-03	4/20/2007	11.17	5301.07	5289.90
MW-03	7/14/2007	10.63	5301.07	5290.44
MW-03	6/13/2008	11.54	5301.07	5289.53
MW-03	10/3/2008	10.80	5301.07	5290.27
MW-03	3/31/2009	13.11	5301.07	5287.96
MW-03	6/30/2009	10.33	5301.07	5290.74
MW-03	10/14/2009	11.55	5301.07	5289.52
MW-03	12/15/2009	11.85	5301.07	5289.22
MW-03	3/31/2010	12.07	5301.07	5289.00
MW-03	8/17/2011	10.85	5301.07	5290.22
MW-03	3/30/2012	12.16	5301.07	5288.91
MW-03	6/14/2012	11.15	5301.07	5289.92
MW-03	9/13/2012	11.66	5301.07	5289.41
MW-03	12/13/2012	12.91	5301.07	5288.16
MW-03	3/19/2013	14.02	5301.07	5287.05
MW-03	10/24/2013	11.02	5301.07	5290.05
MW-03	4/22/2014	12.14	5301.07	5288.93
MW-03	10/20/2014	11.06	5301.07	5290.01
MW-03	2/9/2015	13.02	5301.07	5288.05
MW-03	10/7/2015	10.98	5301.07	5290.09
MW-03	4/13/2016	11.46	5301.07	5289.61
MW-03	10/13/2016	11.55	5301.07	5289.52
MW-03	4/11/2017	13.10	5301.07	5287.97
MW-03	10/24/2017	11.39	5301.07	5289.68
MW-03	5/22/2018	11.46	5301.07	5289.61
MW-03	4/5/2019	12.42	5301.07	5288.65
MW-03	5/14/2019	12.36	5301.07	5288.71
MW-03	10/7/2019	11.72	5301.07	5289.35
MW-03	4/6/2020	12.07	5301.07	5289.00
MW-03	10/20/2020	12.02	5301.07	5289.05

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-03	12/8/2021	11.95	5301.07	5289.12
MW-03	3/22/2022	12.59	5301.07	5288.48
MW-03	1/24/2023	12.31	5301.07	5288.76
MW-03	4/24/2023	11.83	5301.07	5289.24
MW-03	7/13/2023	9.92	5301.07	5291.15
MW-03	10/16/2023	10.90	5301.07	5290.17
MW-03	1/24/2024	12.63	5301.07	5288.44
MW-03	4/23/2024	11.14	5301.07	5289.93
MW-03	7/24/2024	10.21	5301.07	5290.86
MW-03	10/18/2024	10.48	5301.07	5290.59
MW-03	1/28/2025	12.21	5301.07	5288.86
MW-03	4/21/2025	10.79	5301.07	5290.28
MW-03	7/9/2025	9.02	5301.07	5292.05
MW-04	10/15/2005	10.41	5299.42	5289.01
MW-04	3/22/2006	12.26	5299.42	5287.16
MW-04	6/28/2006	11.77	5299.42	5287.65
MW-04	10/12/2006	11.30	5299.42	5288.12
MW-04	1/20/2007	10.72	5299.42	5288.70
MW-04	4/20/2007	10.40	5299.42	5289.02
MW-04	7/14/2007	9.73	5299.42	5289.69
MW-04	6/13/2008	10.40	5299.42	5289.02
MW-04	10/3/2008	9.70	5299.42	5289.72
MW-04	3/31/2009	12.22	5299.42	5287.20
MW-04	6/30/2009	10.10	5299.42	5289.32
MW-04	10/14/2009	10.80	5299.42	5288.62
MW-04	12/15/2009	10.50	5299.42	5288.92
MW-04	3/31/2010	11.02	5299.42	5288.40
MW-04	8/17/2011	10.14	5299.42	5289.28
MW-04	3/30/2012	11.42	5299.42	5288.00
MW-04	6/14/2012	10.35	5299.42	5289.07
MW-04	9/13/2012	9.95	5299.42	5289.47
MW-04	12/13/2012	11.86	5299.42	5287.56
MW-04	3/19/2013	12.93	5299.42	5286.49
MW-04	10/24/2013	9.96	5299.42	5289.46
MW-04	4/22/2014	11.41	5299.42	5288.01
MW-04	10/20/2014	10.30	5299.42	5289.12
MW-04	2/9/2015	12.06	5299.42	5287.36
MW-04	10/7/2015	10.35	5299.42	5289.07
MW-04	4/13/2016	10.40	5299.42	5289.02
MW-04	10/13/2016	10.81	5299.42	5288.61
MW-04	4/11/2017	12.82	5299.42	5286.60
MW-04	10/24/2017	10.69	5299.42	5288.73
MW-04	5/22/2018	10.93	5299.42	5288.49
MW-04	10/11/2018	10.49	5299.42	5288.93

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-04	4/5/2019	11.29	5299.42	5288.13
MW-04	5/14/2019	11.41	5299.42	5288.01
MW-04	10/7/2019	11.03	5299.42	5288.39
MW-04	4/6/2020	11.02	5299.42	5288.40
MW-04	10/20/2020	11.21	5299.42	5288.21
MW-04	12/8/2021	11.20	5299.42	5288.22
MW-04	3/22/2022	9.66	5299.42	5289.76
MW-04	1/24/2023	9.13	5299.42	5290.29
MW-04	4/24/2023	11.43	5299.42	5287.99
MW-04	7/13/2023	9.36	5299.42	5290.06
MW-04	10/16/2023	10.11	5299.42	5289.31
MW-04	1/24/2024	11.34	5299.42	5288.08
MW-04	4/24/2024	10.24	5299.42	5289.18
MW-04	7/24/2024	9.52	5299.42	5289.90
MW-04	10/18/2024	9.69	5299.42	5289.73
MW-04	1/28/2025	11.19	5299.42	5288.23
MW-04	4/21/2025	9.96	5299.42	5289.46
MW-04	7/10/2025	8.50	5299.42	5290.92
MW-05	10/15/2005	15.94	5302.58	5286.64
MW-05	3/22/2006	18.60	5302.58	5283.98
MW-05	6/28/2006	16.12	5302.58	5286.46
MW-05	10/12/2006	16.49	5302.58	5286.09
MW-05	1/20/2007	15.53	5302.58	5287.05
MW-05	4/20/2007	15.63	5302.58	5286.95
MW-05	7/14/2007	15.26	5302.58	5287.32
MW-05	6/13/2008	16.14	5302.58	5286.44
MW-05	10/3/2008	14.96	5302.58	5287.62
MW-05	3/31/2009	18.53	5302.58	5284.05
MW-05	6/30/2009	14.14	5302.58	5288.44
MW-05	10/14/2009	15.71	5302.58	5286.87
MW-05	12/15/2009	15.81	5302.58	5286.77
MW-05	3/31/2010	16.07	5302.58	5286.51
MW-05	8/17/2011	14.48	5302.58	5288.10
MW-05	3/30/2012	15.65	5302.58	5286.93
MW-05	6/14/2012	15.01	5302.58	5287.57
MW-05	9/13/2012	15.60	5302.58	5286.98
MW-05	12/13/2012	16.90	5302.58	5285.68
MW-05	3/19/2013	16.19	5302.58	5286.39
MW-05	10/24/2013	14.48	5302.58	5288.10
MW-05	4/22/2014	15.54	5302.58	5287.04
MW-05	10/20/2014	14.55	5302.58	5288.03
MW-05	2/9/2015	16.93	5302.58	5285.65
MW-05	10/7/2015	15.33	5302.58	5287.25
MW-05	4/13/2016	15.91	5302.58	5286.67

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-05	10/13/2016	14.64	5302.58	5287.94
MW-05	4/11/2017	16.25	5302.58	5286.33
MW-05	10/24/2017	14.39	5302.58	5288.19
MW-05	5/22/2018	16.01	5302.58	5286.57
MW-05	10/11/2018	14.21	5302.58	5288.37
MW-05	4/5/2019	15.79	5302.58	5286.79
MW-05	5/14/2019	15.78	5302.58	5286.80
MW-05	10/7/2019	15.85	5302.58	5286.73
MW-05	4/6/2020	16.07	5302.58	5286.51
MW-05	10/20/2020	16.18	5302.58	5286.40
MW-05	12/9/2021	16.99	5302.58	5285.59
MW-05	3/28/2022	17.54	5302.58	5285.04
MW-05	2/20/2023	16.90	5302.58	5285.68
MW-05	4/24/2023	17.07	5302.58	5285.51
MW-05	7/13/2023	14.48	5302.58	5288.10
MW-05	10/17/2023	14.82	5302.58	5287.76
MW-05	1/23/2024	18.32	5302.58	5284.26
MW-05	4/23/2024	16.52	5302.58	5286.06
MW-05	7/24/2024	15.52	5302.58	5287.06
MW-05	10/16/2024	15.41	5302.58	5287.17
MW-05	1/27/2025	15.41	5302.58	5287.17
MW-05	4/21/2025	16.80	5302.58	5285.78
MW-06	10/15/2005	15.20	5303.23	5288.03
MW-06	3/22/2006	17.06	5303.23	5286.17
MW-06	6/28/2006	16.13	5303.23	5287.10
MW-06	10/12/2006	15.47	5303.23	5287.76
MW-06	1/20/2007	15.19	5303.23	5288.04
MW-06	4/20/2007	14.22	5303.23	5289.01
MW-06	7/14/2007	13.74	5303.23	5289.49
MW-06	6/13/2008	14.80	5303.23	5288.43
MW-06	10/3/2008	14.95	5303.23	5288.28
MW-06	3/31/2009	16.64	5303.23	5286.59
MW-06	6/30/2009	15.70	5303.23	5287.53
MW-06	10/14/2009	14.72	5303.23	5288.51
MW-06	12/15/2009	15.02	5303.23	5288.21
MW-06	3/31/2010	16.33	5303.23	5286.90
MW-06	8/17/2011	13.98	5303.23	5289.25
MW-06	3/30/2012	15.58	5303.23	5287.65
MW-06	6/14/2012	14.86	5303.23	5288.37
MW-06	9/13/2012	15.31	5303.23	5287.92
MW-06	3/19/2013	17.22	5303.23	5286.01
MW-06	10/24/2013	16.27	5303.23	5286.96
MW-06	4/22/2014	16.42	5303.23	5286.81
MW-06	10/20/2014	15.53	5303.23	5287.70

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-06	2/9/2015	16.66	5303.23	5286.57
MW-06	10/7/2015	14.90	5303.23	5288.33
MW-06	4/13/2016	14.93	5303.23	5288.30
MW-06	10/13/2016	15.43	5303.23	5287.80
MW-06	4/11/2017	16.84	5303.23	5286.39
MW-06	10/24/2017	14.90	5303.23	5288.33
MW-06	5/22/2018	14.89	5303.23	5288.34
MW-06	10/11/2018	14.94	5303.23	5288.29
MW-06	4/5/2019	16.01	5303.23	5287.22
MW-06	5/14/2019	15.87	5303.23	5287.36
MW-06	10/7/2019	15.40	5303.23	5287.83
MW-06	4/6/2020	16.33	5303.23	5286.90
MW-06	10/20/2020	15.61	5303.23	5287.62
MW-06	12/13/2021	15.92	5303.23	5287.31
MW-06	3/28/2022	16.07	5303.23	5287.16
MW-06	1/26/2023	15.78	5303.23	5287.45
MW-06	4/25/2023	15.70	5303.23	5287.53
MW-06	7/13/2023	13.32	5303.23	5289.91
MW-06	10/17/2023	14.42	5303.23	5288.81
MW-06	1/24/2024	16.50	5303.23	5286.73
MW-06	4/24/2024	14.89	5303.23	5288.34
MW-06	7/25/2024	13.92	5303.23	5289.31
MW-06	10/18/2024	14.28	5303.23	5288.95
MW-06	1/29/2025	15.90	5303.23	5287.33
MW-06	4/22/2025	14.63	5303.23	5288.60
MW-06	7/10/2025	12.17	5303.23	5291.06
MW-08	10/15/2005	13.97	5298.95	5284.98
MW-08	3/22/2006	11.70	5298.95	5287.25
MW-08	6/28/2006	10.97	5298.95	5287.98
MW-08	10/12/2006	10.57	5298.95	5288.38
MW-08	1/20/2007	10.35	5298.95	5288.60
MW-08	4/20/2007	9.77	5298.95	5289.18
MW-08	7/14/2007	9.02	5298.95	5289.93
MW-08	6/13/2008	9.35	5298.95	5289.60
MW-08	10/3/2008	9.18	5298.95	5289.77
MW-08	3/31/2009	11.63	5298.95	5287.32
MW-08	6/30/2009	9.52	5298.95	5289.43
MW-08	10/14/2009	10.03	5298.95	5288.92
MW-08	12/15/2009	10.02	5298.95	5288.93
MW-08	3/31/2010	10.38	5298.95	5288.57
MW-08	8/17/2011	9.37	5298.95	5289.58
MW-08	3/30/2012	10.58	5298.95	5288.37
MW-08	6/14/2012	9.65	5298.95	5289.30
MW-08	9/13/2012	9.39	5298.95	5289.56

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-08	12/13/2012	10.98	5298.95	5287.97
MW-08	3/19/2013	12.19	5298.95	5286.76
MW-08	10/24/2013	9.17	5298.95	5289.78
MW-08	4/22/2014	10.56	5298.95	5288.39
MW-08	10/20/2014	9.49	5298.95	5289.46
MW-08	2/9/2015	11.20	5298.95	5287.75
MW-08	10/7/2015	9.55	5298.95	5289.40
MW-08	4/13/2016	9.68	5298.95	5289.27
MW-08	10/13/2016	9.91	5298.95	5289.04
MW-08	4/11/2017	11.31	5298.95	5287.64
MW-08	10/24/2017	9.83	5298.95	5289.12
MW-08	5/22/2018	10.06	5298.95	5288.89
MW-08	10/11/2018	9.99	5298.95	5288.96
MW-08	4/5/2019	10.89	5298.95	5288.06
MW-08	5/14/2019	10.85	5298.95	5288.10
MW-08	10/7/2019	10.12	5298.95	5288.83
MW-08	4/6/2020	10.58	5298.95	5288.37
MW-08	10/20/2020	10.30	5298.95	5288.65
MW-08	12/6/2021	10.10	5298.95	5288.85
MW-08	3/22/2022	10.85	5298.95	5288.10
MW-08	1/24/2023	10.79	5298.95	2588.16
MW-08	4/24/2023	10.41	5298.95	5288.54
MW-08	7/12/2023	8.53	5298.95	5290.42
MW-08	10/16/2023	9.04	5298.95	5289.91
MW-08	1/23/2024	10.49	5298.95	5288.46
MW-08	4/23/2024	9.23	5298.95	5289.72
MW-08	7/24/2024	8.69	5298.95	5290.26
MW-08	10/16/2024	8.97	5298.95	5289.98
MW-08	1/28/2025	10.32	5298.95	5288.63
MW-08	4/22/2025	9.35	5298.95	5289.60
MW-08	7/9/2025	7.24	5298.95	5291.71
MW-09	3/22/2006	16.80	5302.62	5285.82
MW-09	6/28/2006	15.39	5302.62	5287.23
MW-09	10/12/2006	15.80	5302.62	5286.82
MW-09	1/20/2007	15.25	5302.62	5287.37
MW-09	4/20/2007	14.97	5302.62	5287.65
MW-09	7/14/2007	14.66	5302.62	5287.96
MW-09	6/13/2008	15.58	5302.62	5287.04
MW-09	10/3/2008	14.48	5302.62	5288.14
MW-09	3/31/2009	16.68	5302.62	5285.94
MW-09	6/30/2009	13.74	5302.62	5288.88
MW-09	10/14/2009	15.31	5302.62	5287.31
MW-09	12/15/2009	15.69	5302.62	5286.93
MW-09	3/31/2010	16.10	5302.62	5286.52

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-09	3/30/2012	15.98	5302.62	5286.64
MW-09	6/14/2012	15.38	5302.62	5287.24
MW-09	9/13/2012	15.93	5302.62	5286.69
MW-09	12/13/2012	16.69	5302.62	5285.93
MW-09	3/19/2013	16.72	5302.62	5285.90
MW-09	10/24/2013	15.00	5302.62	5287.62
MW-09	4/22/2014	16.11	5302.62	5286.51
MW-09	10/20/2014	15.37	5302.62	5287.25
MW-09	2/9/2015	16.66	5302.62	5285.96
MW-09	10/7/2015	15.46	5302.62	5287.16
MW-09	4/13/2016	15.22	5302.62	5287.40
MW-09	10/13/2016	15.84	5302.62	5286.78
MW-09	4/11/2017	16.46	5302.62	5286.16
MW-09	10/24/2017	15.19	5302.62	5287.43
MW-09	5/22/2018	14.84	5302.62	5287.78
MW-09	10/11/2018	14.91	5302.62	5287.71
MW-09	4/5/2019	16.04	5302.62	5286.58
MW-09	5/14/2019	15.98	5302.62	5286.64
MW-09	10/7/2019	15.75	5302.62	5286.87
MW-09	4/6/2020	15.98	5302.62	5286.64
MW-09	10/20/2020	15.90	5302.62	5286.72
MW-09	12/9/2021	15.96	5302.62	5286.66
MW-09	3/28/2022	16.15	5302.62	5286.47
MW-09	1/26/2023	16.04	5302.62	5286.58
MW-09	4/25/2023	15.86	5302.62	5286.76
MW-09	7/13/2023	13.78	5302.62	5288.84
MW-09	10/17/2023	15.04	5302.62	5287.58
MW-09	1/24/2024	16.72	5302.62	5285.90
MW-09	4/24/2024	15.38	5302.62	5287.24
MW-09	7/25/2024	14.48	5302.62	5288.14
MW-09	10/18/2024	NM	5302.62	--
MW-09	1/30/2025	16.32	5302.62	5286.30
MW-09	4/22/2025	15.08	5302.62	5287.54
MW-09	7/10/2025	12.89	5302.62	5289.73
MW-10	3/22/2006	13.74	5301.73	5287.99
MW-10	6/28/2006	11.93	5301.73	5289.80
MW-10	10/12/2006	11.85	5301.73	5289.88
MW-10	1/20/2007	12.98	5301.73	5288.75
MW-10	4/20/2007	11.82	5301.73	5289.91
MW-10	7/14/2007	10.46	5301.73	5291.27
MW-10	6/13/2008	11.23	5301.73	5290.50
MW-10	10/3/2008	12.82	5301.73	5288.91
MW-10	3/31/2009	13.59	5301.73	5288.14
MW-10	6/30/2009	11.07	5301.73	5290.66

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-10	10/14/2009	11.49	5301.73	5290.24
MW-10	12/15/2009	11.34	5301.73	5290.39
MW-10	3/31/2010	12.47	5301.73	5289.26
MW-10	8/17/2011	10.98	5301.73	5290.75
MW-10	3/30/2012	10.98	5301.73	5290.75
MW-10	6/14/2012	11.12	5301.73	5290.61
MW-10	9/13/2012	11.50	5301.73	5290.23
MW-10	12/13/2012	12.25	5301.73	5289.48
MW-10	10/24/2013	10.68	5301.73	5291.05
MW-10	4/22/2014	11.37	5301.73	5290.36
MW-10	10/20/2014	10.41	5301.73	5291.32
MW-10	2/9/2015	12.12	5301.73	5289.61
MW-10	10/7/2015	10.83	5301.73	5290.90
MW-10	4/13/2016	11.73	5301.73	5290.00
MW-10	10/13/2016	10.94	5301.73	5290.79
MW-10	4/11/2017	12.73	5301.73	5289.00
MW-10	10/24/2017	10.95	5301.73	5290.78
MW-10	5/22/2018	11.93	5301.73	5289.80
MW-10	10/11/2018	11.06	5301.73	5290.67
MW-10	4/5/2019	12.22	5301.73	5289.51
MW-10	5/14/2019	12.09	5301.73	5289.64
MW-10	10/7/2019	11.97	5301.73	5289.76
MW-10	4/6/2020	10.98	5301.73	5290.75
MW-10	10/20/2020	11.76	5301.73	5289.97
MW-10	12/6/2021	11.38	5301.73	5290.35
MW-10	3/22/2022	12.37	5301.73	5289.36
MW-10	1/23/2023	11.94	5301.73	5289.79
MW-10	4/24/2023	11.53	5301.73	5290.20
MW-10	7/12/2023	11.49	5301.73	5290.24
MW-10	10/16/2023	10.31	5301.73	5291.42
MW-10	1/23/2024	12.52	5301.73	5289.21
MW-10	4/23/2024	11.53	5301.73	5290.20
MW-10	7/24/2024	10.31	5301.73	5291.42
MW-10	10/16/2024	10.42	5301.73	5291.31
MW-10	1/30/2025	12.24	5301.73	5289.49
MW-10	4/22/2025	11.61	5301.73	5290.12
MW-10	7/9/2025	8.93	5301.73	5292.80
MW-11	3/22/2006	15.76	5303.25	5287.49
MW-11	6/28/2006	13.97	5303.25	5289.28
MW-11	10/12/2006	14.07	5303.25	5289.18
MW-11	1/20/2007	13.88	5303.25	5289.37
MW-11	4/20/2007	12.95	5303.25	5290.30
MW-11	7/14/2007	12.58	5303.25	5290.67
MW-11	6/13/2008	13.48	5303.25	5289.77

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-11	10/3/2008	12.72	5303.25	5290.53
MW-11	3/31/2009	15.18	5303.25	5288.07
MW-11	6/30/2009	12.42	5303.25	5290.83
MW-11	10/14/2009	13.39	5303.25	5289.86
MW-11	12/15/2009	13.71	5303.25	5289.54
MW-11	3/31/2010	14.01	5303.25	5289.24
MW-11	8/17/2011	12.45	5303.25	5290.80
MW-11	3/30/2012	13.98	5303.25	5289.27
MW-11	6/14/2012	13.22	5303.25	5290.03
MW-11	9/13/2012	13.70	5303.25	5289.55
MW-11	12/13/2012	14.99	5303.25	5288.26
MW-11	3/19/2013	15.64	5303.25	5287.61
MW-11	10/24/2013	12.78	5303.25	5290.47
MW-11	4/22/2014	13.74	5303.25	5289.51
MW-11	10/20/2014	12.87	5303.25	5290.38
MW-11	2/9/2015	14.61	5303.25	5288.64
MW-11	10/7/2015	12.71	5303.25	5290.54
MW-11	4/13/2016	14.26	5303.25	5288.99
MW-11	10/13/2016	13.41	5303.25	5289.84
MW-11	4/11/2017	14.74	5303.25	5288.51
MW-11	10/24/2017	12.91	5303.25	5290.34
MW-11	5/22/2018	12.90	5303.25	5290.35
MW-11	10/11/2018	13.02	5303.25	5290.23
MW-11	4/5/2019	14.10	5303.25	5289.15
MW-11	5/14/2019	14.01	5303.25	5289.24
MW-11	10/7/2019	13.45	5303.25	5289.80
MW-11	4/6/2020	13.98	5303.25	5289.27
MW-11	10/20/2020	13.53	5303.25	5289.72
MW-11	12/13/2021	14.02	5303.25	5289.23
MW-11	3/28/2022	14.00	5303.25	5289.25
MW-11	1/26/2023	13.78	5303.25	5298.47
MW-11	4/25/2023	13.38	5303.25	5289.87
MW-11	7/14/2023	11.59	5303.25	5291.66
MW-11	10/17/2023	12.41	5303.25	5290.84
MW-11	1/24/2024	14.53	5303.25	5288.72
MW-11	4/23/2024	NM	5303.25	--
MW-11	7/25/2024	12.03	5303.25	5291.22
MW-11	10/18/2024	12.55	5303.25	5290.70
MW-11	1/30/2025	14.07	5303.25	5289.18
MW-11	4/22/2025	12.57	5303.25	5290.68
MW-11	7/10/2025	10.46	5303.25	5292.79
MW-12R	3/22/2006	15.92	5303.55	5287.63
MW-12R	6/28/2006	14.20	5303.55	5289.35
MW-12R	10/12/2006	14.39	5303.55	5289.16

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-12R	1/20/2007	14.89	5303.55	5288.66
MW-12R	4/20/2007	14.00	5303.55	5289.55
MW-12R	7/14/2007	12.77	5303.55	5290.78
MW-12R	6/13/2008	13.83	5303.55	5289.72
MW-12R	10/3/2008	12.91	5303.55	5290.64
MW-12R	3/31/2009	15.63	5303.55	5287.92
MW-12R	6/30/2009	13.99	5303.55	5289.56
MW-12R	10/14/2009	13.61	5303.55	5289.94
MW-12R	12/15/2009	13.81	5303.55	5289.74
MW-12R	3/31/2010	14.21	5303.55	5289.34
MW-12R	8/17/2011	12.67	5303.55	5290.88
MW-12R	3/30/2012	14.28	5303.55	5289.27
MW-12R	6/14/2012	13.49	5303.55	5290.06
MW-12R	9/13/2012	14.06	5303.55	5289.49
MW-12R	12/13/2012	14.79	5303.55	5288.76
MW-12R	3/19/2013	16.32	5303.55	5287.23
MW-12R	10/24/2013	13.27	5303.55	5290.28
MW-12R	4/22/2014	13.72	5303.55	5289.83
MW-12R	10/20/2014	12.64	5303.55	5290.91
MW-12R	2/9/2015	14.39	5303.55	5289.16
MW-12R	10/7/2015	12.92	5303.55	5290.63
MW-12R	4/13/2016	13.31	5303.55	5290.24
MW-12R	10/13/2016	13.35	5303.55	5290.20
MW-12R	4/11/2017	14.73	5303.55	5288.82
MW-12R	10/24/2017	12.76	5303.55	5290.79
MW-12R	5/22/2018	12.52	5303.55	5291.03
MW-12R	10/11/2018	12.61	5303.55	5290.94
MW-12R	4/5/2019	13.95	5303.55	5289.60
MW-12R	5/14/2019	13.86	5303.55	5289.69
MW-12R	10/7/2019	13.51	5303.55	5290.04
MW-12R	4/6/2020	14.28	5303.55	5289.27
MW-12R	10/20/2020	13.97	5303.55	5289.58
MW-12R	12/13/2021	13.92	5303.55	5289.63
MW-12R	3/28/2022	13.53	5303.55	5290.02
MW-12R	1/26/2023	13.36	5303.55	5290.19
MW-12R	4/25/2023	14.32	5303.55	5289.23
MW-12R	7/13/2023	10.94	5303.55	5292.61
MW-12R	10/17/2023	12.24	5303.55	5291.31
MW-12R	1/24/2024	14.27	5303.55	5289.28
MW-12R	4/24/2024	13.13	5303.55	5290.42
MW-12R	7/25/2024	12.18	5303.55	5291.37
MW-12R	10/18/2024	12.63	5303.55	5290.92
MW-12R	1/28/2025	14.63	5303.55	5288.92
MW-12R	4/21/2025	13.08	5303.55	5290.47

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-12R	7/10/2025	10.33	5303.55	5293.22
MW-13	3/22/2006	19.47	5301.02	5281.55
MW-13	6/28/2006	17.73	5301.02	5283.29
MW-13	10/12/2006	16.98	5301.02	5284.04
MW-13	1/20/2007	16.80	5301.02	5284.22
MW-13	4/20/2007	16.75	5301.02	5284.27
MW-13	7/14/2007	15.81	5301.02	5285.21
MW-13	6/13/2008	16.54	5301.02	5284.48
MW-13	10/3/2008	15.31	5301.02	5285.71
MW-13	3/31/2009	19.34	5301.02	5281.68
MW-13	6/30/2009	15.50	5301.02	5285.52
MW-13	10/14/2009	15.74	5301.02	5285.28
MW-13	12/15/2009	16.39	5301.02	5284.63
MW-13	3/31/2010	17.23	5301.02	5283.79
MW-13	8/17/2011	15.79	5301.02	5285.23
MW-13	3/30/2012	17.60	5301.02	5283.42
MW-13	6/14/2012	16.89	5301.02	5284.13
MW-13	9/13/2012	16.95	5301.02	5284.07
MW-13	12/13/2012	18.74	5301.02	5282.28
MW-13	3/19/2013	19.12	5301.02	5281.90
MW-13	10/24/2013	16.29	5301.02	5284.73
MW-13	4/22/2014	18.16	5301.02	5282.86
MW-13	10/20/2014	16.52	5301.02	5284.50
MW-13	2/9/2015	18.80	5301.02	5282.22
MW-13	10/7/2015	16.84	5301.02	5284.18
MW-13	4/13/2016	16.66	5301.02	5284.36
MW-13	10/13/2016	17.55	5301.02	5283.47
MW-13	4/11/2017	18.88	5301.02	5282.14
MW-13	10/24/2017	16.95	5301.02	5284.07
MW-13	5/22/2018	17.10	5301.02	5283.92
MW-13	10/11/2018	16.69	5301.02	5284.33
MW-13	4/5/2019	17.55	5301.02	5283.47
MW-13	5/14/2019	17.51	5301.02	5283.51
MW-13	10/7/2019	17.41	5301.02	5283.61
MW-13	4/6/2020	17.60	5301.02	5283.42
MW-13	10/20/2020	17.38	5301.02	5283.64
MW-13	7/22/2021	15.84	5301.02	5285.18
MW-13	8/23/2021	16.24	5301.02	5284.78
MW-13	10/7/2021	16.98	5301.02	5284.04
MW-13	11/10/2021	17.77	5301.02	5283.25
MW-13	12/8/2021	18.41	5301.02	5282.61
MW-13	3/25/2022	18.77	5301.02	5282.25
MW-13	1/26/2023	18.44	5301.02	5282.58
MW-13	4/25/2023	18.42	5301.02	5282.60

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-13	8/25/2023	16.46	5301.02	5284.56
MW-13	7/14/2023	16.04	5301.02	5284.98
MW-13	10/17/2023	17.25	5301.02	5283.77
MW-13	1/24/2024	19.06	5301.02	5281.96
MW-13	4/24/2024	17.73	5301.02	5283.29
MW-13	7/25/2024	16.91	5301.02	5284.11
MW-13	10/18/2024	16.97	5301.02	5284.05
MW-13	1/29/2025	18.70	5301.02	5282.32
MW-13	4/22/2025	18.58	5301.02	5282.44
MW-13	7/10/2025	15.99	5301.02	5285.03
MW-14	3/22/2006	18.81	5300.31	5281.50
MW-14	6/28/2006	17.35	5300.31	5282.96
MW-14	10/12/2006	16.76	5300.31	5283.55
MW-14	1/20/2007	16.51	5300.31	5283.80
MW-14	4/20/2007	16.84	5300.31	5283.47
MW-14	7/14/2007	16.30	5300.31	5284.01
MW-14	6/13/2008	16.68	5300.31	5283.63
MW-14	10/3/2008	15.52	5300.31	5284.79
MW-14	3/31/2009	17.23	5300.31	5283.08
MW-14	6/30/2009	14.83	5300.31	5285.48
MW-14	10/14/2009	16.55	5300.31	5283.76
MW-14	12/15/2009	17.00	5300.31	5283.31
MW-14	3/31/2010	16.99	5300.31	5283.32
MW-14	8/17/2011	16.05	5300.31	5284.26
MW-14	3/30/2012	17.28	5300.31	5283.03
MW-14	6/14/2012	17.01	5300.31	5283.30
MW-14	9/13/2012	16.82	5300.31	5283.49
MW-14	12/13/2012	18.69	5300.31	5281.62
MW-14	3/19/2013	18.86	5300.31	5281.45
MW-14	10/24/2013	16.40	5300.31	5283.91
MW-14	4/22/2014	18.05	5300.31	5282.26
MW-14	10/20/2014	16.98	5300.31	5283.33
MW-14	2/9/2015	18.40	5300.31	5281.91
MW-14	10/7/2015	17.47	5300.31	5282.84
MW-14	4/13/2016	16.73	5300.31	5283.58
MW-14	10/13/2016	17.94	5300.31	5282.37
MW-14	4/11/2017	18.82	5300.31	5281.49
MW-14	10/24/2017	17.25	5300.31	5283.06
MW-14	5/22/2018	17.70	5300.31	5282.61
MW-14	10/11/2018	17.13	5300.31	5283.18
MW-14	4/5/2019	18.06	5300.31	5282.25
MW-14	5/14/2019	18.05	5300.31	5282.26
MW-14	10/7/2019	18.09	5300.31	5282.22
MW-14	4/6/2020	17.28	5300.31	5283.03

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-14	10/20/2020	17.82	5300.31	5282.49
MW-14	7/22/2021	16.51	5300.31	5283.80
MW-14	8/23/2021	16.65	5300.31	5283.66
MW-14	10/7/2021	17.46	5300.31	5282.85
MW-14	12/8/2021	18.82	5300.31	5281.49
MW-14	3/28/2022	18.72	5300.31	5281.59
MW-14	1/26/2023	18.41	5300.31	5281.90
MW-14	4/25/2023	18.53	5300.31	5281.78
MW-14	7/13/2023	16.14	5300.31	5284.17
MW-14	10/17/2023	17.50	5300.31	5282.81
MW-14	1/24/2024	19.52	5300.31	5280.79
MW-14	4/24/2024	17.64	5300.31	5282.67
MW-14	7/25/2024	17.19	5300.31	5283.12
MW-14	10/18/2024	17.57	5300.31	5282.74
MW-14	1/29/2025	19.11	5300.31	5281.20
MW-14	4/22/2025	18.36	5300.31	5281.95
MW-14	7/10/2025	16.13	5300.31	5284.18
MW-15	6/28/2006	19.46	5300.16	5280.70
MW-15	10/12/2006	18.20	5300.16	5281.96
MW-15	1/20/2007	17.14	5300.16	5283.02
MW-15	4/20/2007	17.43	5300.16	5282.73
MW-15	7/14/2007	17.22	5300.16	5282.94
MW-15	6/13/2008	18.37	5300.16	5281.79
MW-15	10/3/2008	16.81	5300.16	5283.35
MW-15	3/31/2009	19.82	5300.16	5280.34
MW-15	6/30/2009	15.74	5300.16	5284.42
MW-15	10/14/2009	17.87	5300.16	5282.29
MW-15	12/15/2009	18.24	5300.16	5281.92
MW-15	3/31/2010	18.05	5300.16	5282.11
MW-15	8/17/2011	17.08	5300.16	5283.08
MW-15	3/30/2012	19.01	5300.16	5281.15
MW-15	6/14/2012	18.30	5300.16	5281.86
MW-15	9/13/2012	18.44	5300.16	5281.72
MW-15	12/13/2012	19.75	5300.16	5280.41
MW-15	3/19/2013	20.39	5300.16	5279.77
MW-15	10/24/2013	17.03	5300.16	5283.13
MW-15	4/22/2014	19.01	5300.16	5281.15
MW-15	10/20/2014	18.10	5300.16	5282.06
MW-15	2/9/2015	19.60	5300.16	5280.56
MW-15	10/7/2015	18.58	5300.16	5281.58
MW-15	4/13/2016	17.47	5300.16	5282.69
MW-15	10/13/2016	19.16	5300.16	5281.00
MW-15	4/11/2017	20.37	5300.16	5279.79
MW-15	10/24/2017	18.46	5300.16	5281.70

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-15	5/22/2018	18.82	5300.16	5281.34
MW-15	10/11/2018	18.78	5300.16	5281.38
MW-15	4/5/2019	19.23	5300.16	5280.93
MW-15	5/14/2019	19.25	5300.16	5280.91
MW-15	10/7/2019	19.31	5300.16	5280.85
MW-15	4/6/2020	19.01	5300.16	5281.15
MW-15	10/20/2020	18.87	5300.16	5281.29
MW-15	7/22/2021	16.87	5300.16	5283.29
MW-15	8/23/2021	17.16	5300.16	5283.00
MW-15	10/7/2021	18.07	5300.16	5282.09
MW-15	12/8/2021	19.28	5300.16	5280.88
MW-15	3/28/2022	19.48	5300.16	5280.68
MW-15	1/26/2023	19.31	5300.16	5280.85
MW-15	4/25/2023	19.31	5300.16	5280.85
MW-15	7/13/2023	16.57	5300.16	5283.59
MW-15	10/17/2023	18.16	5300.16	5282.00
MW-15	1/24/2024	20.01	5300.16	5280.15
MW-15	4/24/2024	18.60	5300.16	5281.56
MW-15	7/25/2024	17.64	5300.16	5282.52
MW-15	10/18/2024	18.23	5300.16	5281.93
MW-15	1/29/2025	19.43	5300.16	5280.73
MW-15	4/22/2025	18.80	5300.16	5281.36
MW-15	7/10/2025	16.34	5300.16	5283.82
MW-16	6/28/2006	17.55	5300.28	5282.73
MW-16	10/12/2006	16.83	5300.28	5283.45
MW-16	1/20/2007	16.98	5300.28	5283.30
MW-16	4/20/2007	15.54	5300.28	5284.74
MW-16	7/14/2007	15.77	5300.28	5284.51
MW-16	6/13/2008	17.09	5300.28	5283.19
MW-16	10/3/2008	14.96	5300.28	5285.32
MW-16	3/31/2009	17.51	5300.28	5282.77
MW-16	6/30/2009	14.83	5300.28	5285.45
MW-16	10/14/2009	15.56	5300.28	5284.72
MW-16	12/15/2009	16.49	5300.28	5283.79
MW-16	3/31/2010	16.45	5300.28	5283.83
MW-16	8/17/2011	15.81	5300.28	5284.47
MW-16	3/30/2012	17.28	5300.28	5283.00
MW-16	6/14/2012	16.47	5300.28	5283.81
MW-16	9/13/2012	16.57	5300.28	5283.71
MW-16	12/13/2012	18.70	5300.28	5281.58
MW-16	3/19/2013	18.45	5300.28	5281.83
MW-16	10/24/2013	15.83	5300.28	5284.45
MW-16	4/22/2014	17.31	5300.28	5282.97
MW-16	10/20/2014	16.51	5300.28	5283.77

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-16	2/9/2015	17.85	5300.28	5282.43
MW-16	10/7/2015	16.45	5300.28	5283.83
MW-16	4/13/2016	15.92	5300.28	5284.36
MW-16	10/13/2016	17.30	5300.28	5282.98
MW-16	4/11/2017	18.52	5300.28	5281.76
MW-16	10/24/2017	17.12	5300.28	5283.16
MW-16	5/22/2018	17.48	5300.28	5282.80
MW-16	10/11/2018	17.40	5300.28	5282.88
MW-16	4/5/2019	17.80	5300.28	5282.48
MW-16	5/14/2019	17.81	5300.28	5282.47
MW-16	10/7/2019	17.58	5300.28	5282.70
MW-16	4/6/2020	17.28	5300.28	5283.00
MW-16	10/20/2020	17.04	5300.28	5283.24
MW-16	12/8/2021	15.42	5300.28	5284.86
MW-16	3/22/2022	17.78	5300.28	5282.50
MW-16	1/24/2023	18.17	5300.28	5282.11
MW-16	4/25/2023	19.97	5300.28	5280.31
MW-16	7/13/2023	15.79	5300.28	5284.49
MW-16	10/17/2023	16.59	5300.28	5283.69
MW-16	1/24/2024	18.05	5300.28	5282.23
MW-16	4/24/2024	17.06	5300.28	5283.22
MW-16	7/25/2024	16.03	5300.28	5284.25
MW-16	10/18/2024	16.57	5300.28	5283.71
MW-16	1/28/2025	17.18	5300.28	5283.10
MW-16	4/21/2025	17.01	5300.28	5283.27
MW-16	7/10/2025	14.49	5300.28	5285.79
MW-17	6/28/2006	10.73	5303.10	5292.37
MW-17	10/12/2006	11.05	5303.10	5292.05
MW-17	1/20/2007	13.13	5303.10	5289.97
MW-17	4/20/2007	11.06	5303.10	5292.04
MW-17	7/14/2007	10.77	5303.10	5292.33
MW-17	6/13/2008	11.00	5303.10	5292.10
MW-17	10/3/2008	11.06	5303.10	5292.04
MW-17	3/31/2009	14.38	5303.10	5288.72
MW-17	6/30/2009	11.28	5303.10	5291.82
MW-17	10/14/2009	11.41	5303.10	5291.69
MW-17	12/15/2009	12.67	5303.10	5290.43
MW-17	3/31/2010	12.70	5303.10	5290.40
MW-17	8/17/2011	10.56	5303.10	5292.54
MW-17	3/30/2012	12.30	5303.10	5290.80
MW-17	6/14/2012	11.92	5303.10	5291.18
MW-17	9/13/2012	12.41	5303.10	5290.69
MW-17	12/13/2012	12.71	5303.10	5290.39
MW-17	3/19/2013	12.73	5303.10	5290.37

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-17	10/24/2013	11.59	5303.10	5291.51
MW-17	4/22/2014	13.05	5303.10	5290.05
MW-17	10/20/2014	10.92	5303.10	5292.18
MW-17	2/9/2015	13.20	5303.10	5289.90
MW-17	10/7/2015	11.71	5303.10	5291.39
MW-17	4/13/2016	11.39	5303.10	5291.71
MW-17	10/13/2016	11.53	5303.10	5291.57
MW-17	4/11/2017	11.39	5303.10	5291.71
MW-17	10/24/2017	10.93	5303.10	5292.17
MW-17	5/22/2018	10.80	5303.10	5292.30
MW-17	10/11/2018	10.20	5303.10	5292.90
MW-17	4/5/2019	12.43	5303.10	5290.67
MW-17	5/14/2019	12.35	5303.10	5290.75
MW-17	10/7/2019	12.13	5303.10	5290.97
MW-17	4/6/2020	12.30	5303.10	5290.80
MW-17	10/20/2020	12.56	5303.10	5290.54
MW-17	12/9/2021	13.82	5303.10	5289.28
MW-17	3/28/2022	14.71	5303.10	5288.39
MW-17	1/23/2023	13.91	5303.10	5289.19
MW-17	4/24/2023	13.91	5303.10	5289.19
MW-17	7/12/2023	12.94	5303.10	5290.16
MW-17	10/16/2023	11.96	5303.10	5291.14
MW-17	1/23/2024	13.18	5303.10	5289.92
MW-17	4/23/2024	13.34	5303.10	5289.76
MW-17	7/24/2024	11.97	5303.10	5291.13
MW-17	10/16/2024	12.14	5303.10	5290.96
MW-17	1/27/2025	13.77	5303.10	5289.33
MW-17	4/22/2025	14.41	5303.10	5288.69
MW-18	8/17/2011	15.08	5292.40	5277.32
MW-18	3/30/2012	16.56	5292.40	5275.84
MW-18	6/14/2012	16.28	5292.40	5276.12
MW-18	9/13/2012	12.20	5292.40	5280.20
MW-18	12/13/2012	17.17	5292.40	5275.23
MW-18	3/19/2013	17.17	5292.40	5275.23
MW-18	10/24/2013	14.86	5292.40	5277.54
MW-18	4/22/2014	16.25	5292.40	5276.15
MW-18	10/20/2014	15.89	5292.40	5276.51
MW-18	2/9/2015	17.06	5292.40	5275.34
MW-18	10/7/2015	16.12	5292.40	5276.28
MW-18	4/13/2016	14.68	5292.40	5277.72
MW-18	10/13/2016	16.65	5292.40	5275.75
MW-18	4/11/2017	17.32	5292.40	5275.08
MW-18	10/24/2017	15.97	5292.40	5276.43
MW-18	5/22/2018	15.81	5292.40	5276.59

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-18	10/11/2018	16.65	5292.40	5275.75
MW-18	4/5/2019	16.51	5292.40	5275.89
MW-18	5/14/2019	16.50	5292.40	5275.90
MW-18	10/7/2019	19.94	5292.40	5272.46
MW-18	4/6/2020	16.56	5292.40	5275.84
MW-18	10/20/2020	16.85	5292.40	5275.55
MW-18	7/19/2021	14.17	5292.40	5278.23
MW-18	12/8/2021	16.60	5292.40	5275.80
MW-18	3/23/2022	16.51	5292.40	5275.89
MW-18	4/24/2023	16.48	5292.40	5275.92
MW-18	7/12/2023	13.28	5292.40	5279.12
MW-18	10/16/2023	15.87	5292.40	5276.53
MW-18	1/23/2024	17.23	5292.40	5275.17
MW-18	4/23/2024	14.66	5292.40	5277.74
MW-18	7/30/2024	15.39	5292.40	5277.01
MW-18	10/18/2024	16.05	5292.40	5276.35
MW-18	1/30/2025	NM	5292.40	--
MW-18	4/21/2025	NM	5292.40	--
MW-18	7/9/2025	NM	5292.40	--
MW-19	8/17/2011	9.99	5284.28	5274.29
MW-19	3/30/2012	11.28	5284.28	5273.00
MW-19	6/14/2012	11.28	5284.28	5273.00
MW-19	9/13/2012	10.80	5284.28	5273.48
MW-19	12/13/2012	12.26	5284.28	5272.02
MW-19	3/19/2013	13.06	5284.28	5271.22
MW-19	10/24/2013	10.35	5284.28	5273.93
MW-19	4/22/2014	11.73	5284.28	5272.55
MW-19	10/20/2014	9.37	5284.28	5274.91
MW-19	2/9/2015	12.24	5284.28	5272.04
MW-19	10/13/2016	11.11	5284.28	5273.17
MW-19	4/11/2017	12.60	5284.28	5271.68
MW-19	10/24/2017	10.63	5284.28	5273.65
MW-19	5/22/2018	11.18	5284.28	5273.10
MW-19	10/11/2018	10.43	5284.28	5273.85
MW-19	4/5/2019	11.40	5284.28	5272.88
MW-19	5/14/2019	22.34	5284.28	5261.94
MW-19	10/7/2019	11.40	5284.28	5272.88
MW-19	4/6/2020	11.28	5284.28	5273.00
MW-19	10/20/2020	10.19	5284.28	5274.09
MW-19	7/19/2021	9.99	5284.28	5274.29
MW-19	12/8/2021	11.88	5284.28	5272.40
MW-19	3/24/2022	12.25	5284.28	5272.03
MW-19	4/24/2023	12.01	5284.28	5272.27
MW-19	7/12/2023	10.03	5284.28	5274.25

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-19	10/16/2023	12.08	5284.28	5272.20
MW-19	1/23/2024	12.06	5284.28	5272.22
MW-19	4/23/2024	10.92	5284.28	5273.36
MW-19	7/30/2024	11.18	5284.28	5273.10
MW-19	10/16/2024	12.24	5284.28	5272.04
MW-19	1/30/2025	NM	5284.28	--
MW-19	4/21/2025	10.82	5284.28	5273.46
MW-19	7/9/2025	11.05	5284.28	5273.23
MW-20	8/17/2011	9.52	5291.48	5281.96
MW-20	3/30/2012	12.33	5291.48	5279.15
MW-20	6/14/2012	11.84	5291.48	5279.64
MW-20	9/13/2012	11.08	5291.48	5280.40
MW-20	12/13/2012	13.34	5291.48	5278.14
MW-20	3/19/2013	14.22	5291.48	5277.26
MW-20	10/24/2013	10.05	5291.48	5281.43
MW-20	4/22/2014	13.28	5291.48	5278.20
MW-20	10/20/2014	10.96	5291.48	5280.52
MW-20	2/9/2015	13.59	5291.48	5277.89
MW-20	10/7/2015	11.15	5291.48	5280.33
MW-20	4/13/2016	11.58	5291.48	5279.90
MW-20	10/13/2016	12.29	5291.48	5279.19
MW-20	4/11/2017	14.01	5291.48	5277.47
MW-20	10/24/2017	11.14	5291.48	5280.34
MW-20	5/22/2018	12.83	5291.48	5278.65
MW-20	10/11/2018	10.74	5291.48	5280.74
MW-20	4/5/2019	13.02	5291.48	5278.46
MW-20	5/14/2019	12.99	5291.48	5278.49
MW-20	10/7/2019	11.95	5291.48	5279.53
MW-20	4/6/2020	12.33	5291.48	5279.15
MW-20	10/20/2020	10.89	5291.48	5280.59
MW-20	7/19/2021	10.16	5291.48	5281.32
MW-20	12/8/2021	13.62	5291.48	5277.86
MW-20	3/25/2022	14.26	5291.48	5277.22
MW-20	4/24/2023	14.07	5291.48	5277.22
MW-20	7/12/2023	11.25	5291.48	5280.23
MW-20	10/16/2023	14.18	5291.48	5277.30
MW-20	1/23/2024	14.49	5291.48	5276.99
MW-20	4/23/2024	13.08	5291.48	5278.40
MW-20	7/30/2024	12.57	5291.48	5278.91
MW-20	10/16/2024	12.87	5291.48	5278.61
MW-20	1/30/2025	14.32	5291.48	5277.16
MW-20	4/21/2025	14.48	5291.48	5277.00
MW-21	8/17/2011	11.92	5267.91	5255.99
MW-21	3/30/2012	7.16	5267.91	5260.75

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-21	6/14/2012	7.29	5267.91	5260.62
MW-21	9/13/2012	6.37	5267.91	5261.54
MW-21	12/13/2012	6.85	5267.91	5261.06
MW-21	3/19/2013	7.88	5267.91	5260.03
MW-21	10/24/2013	7.16	5267.91	5260.75
MW-21	4/22/2014	6.51	5267.91	5261.40
MW-21	10/20/2014	7.60	5267.91	5260.31
MW-21	2/9/2015	7.12	5267.91	5260.79
MW-21	10/7/2015	5.69	5267.91	5262.22
MW-21	4/13/2016	6.55	5267.91	5261.36
MW-21	10/13/2016	6.57	5267.91	5261.34
MW-21	4/11/2017	8.60	5267.91	5259.31
MW-21	10/24/2017	6.35	5267.91	5261.56
MW-21	5/22/2018	7.17	5267.91	5260.74
MW-21	10/11/2018	5.91	5267.91	5262.00
MW-21	4/5/2019	7.85	5267.91	5260.06
MW-21	5/14/2019	11.73	5267.91	5256.18
MW-21	10/7/2019	6.89	5267.91	5261.02
MW-21	4/6/2020	7.16	5267.91	5260.75
MW-21	12/7/2021	8.47	5267.91	5259.44
MW-21	3/23/2022	5.43	5267.91	5262.48
MW-21	1/24/2023	7.02	5267.91	5260.89
MW-21	4/24/2023	7.52	5267.91	5260.39
MW-21	7/12/2023	7.44	5267.91	5260.47
MW-21	10/16/2023	7.06	5267.91	5260.85
MW-21	1/23/2024	7.78	5267.91	5260.13
MW-21	4/23/2024	6.98	5267.91	5260.93
MW-21	7/25/2024	6.23	5267.91	5261.68
MW-21	10/16/2024	7.02	5267.91	5260.89
MW-21	1/27/2025	8.35	5267.91	5259.56
MW-21	4/22/2025	NM	5267.91	--
MW-21	7/9/2025	7.63	5267.91	5260.28
MW-22	10/11/2018	15.18	5299.56	5284.38
MW-22	4/5/2019	16.22	5299.56	5283.34
MW-22	10/7/2019	16.22	5299.56	5283.34
MW-22	4/6/2020	15.87	5299.56	5283.69
MW-22	10/20/2020	15.98	5299.56	5283.58
MW-22	12/13/2021	17.96	5299.56	5281.60
MW-22	3/25/2022	18.08	5299.56	5281.48
MW-22	1/24/2023	17.87	5299.56	5281.69
MW-22	4/24/2023	17.90	5299.56	5281.66
MW-22	7/12/2023	14.77	5299.56	5284.79
MW-22	10/16/2023	16.18	5299.56	5283.38
MW-22	1/23/2024	18.89	5299.56	5280.67

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-22	4/23/2024	16.87	5299.56	5282.69
MW-22	7/24/2024	16.26	5299.56	5283.30
MW-22	10/16/2024	15.81	5299.56	5283.75
MW-22	1/27/2025	18.33	5299.56	5281.23
MW-22	4/22/2025	18.27	5299.56	5281.29
MW-22	7/9/2025	15.28	5299.56	5284.28
MW-22D 30-35'	4/1/2019	15.27	5303.38	5288.11
MW-22D 30-35'	11/10/2021	14.36	5303.38	5289.02
MW-22D 30-35'	12/13/2021	14.37	5303.38	5289.01
MW-22D 30-35'	3/25/2022	14.97	5303.38	5288.41
MW-22D 30-35'	1/27/2023	14.56	5303.38	5288.82
MW-22D 30-35'	4/25/2023	14.46	5303.38	5288.92
MW-22D 30-35'	7/12/2023	9.01	5303.38	5294.37
MW-22D 30-35'	10/17/2023	13.19	5303.38	5290.19
MW-22D 30-35'	1/24/2024	14.73	5303.38	5288.65
MW-22D 30-35'	4/24/2024	14.48	5303.38	5288.90
MW-22D 30-35'	7/25/2024	12.98	5303.38	5290.40
MW-22D 30-35'	10/18/2024	13.77	5303.38	5289.61
MW-22D 30-35'	1/29/2025	14.55	5303.38	5288.83
MW-22D 30-35'	4/22/2025	13.88	5303.38	5289.50
MW-22D 30-35'	7/10/2025	11.32	5303.38	5292.06
MW-22D 35-40'	4/1/2019	15.52	5303.42	5287.90
MW-22D 35-40'	11/10/2021	13.47	5303.42	5289.95
MW-22D 35-40'	12/13/2021	14.04	5303.42	5289.38
MW-22D 35-40'	3/25/2022	15.42	5303.42	5288.00
MW-22D 35-40'	1/24/2023	14.43	5303.42	5288.99
MW-22D 35-40'	4/25/2023	14.81	5303.42	5288.61
MW-22D 35-40'	7/12/2023	13.12	5303.42	5290.30
MW-22D 35-40'	10/17/2023	12.72	5303.42	5290.70
MW-22D 35-40'	1/24/2024	15.00	5303.42	5288.42
MW-22D 35-40'	4/24/2024	13.02	5303.42	5290.40
MW-22D 35-40'	7/25/2024	12.28	5303.42	5291.14
MW-22D 35-40'	10/18/2024	12.72	5303.42	5290.70
MW-22D 35-40'	1/29/2025	14.47	5303.42	5288.95
MW-22D 35-40'	4/22/2025	13.00	5303.42	5290.42
MW-22D 35-40'	7/10/2025	10.72	5303.42	5292.70
MW-22D 41-46'	4/1/2019	15.75	5303.17	5287.42
MW-22D 41-46'	11/10/2021	14.32	5303.17	5288.85
MW-22D 41-46'	11/10/2021	15.08	5303.17	5288.09
MW-22D 41-46'	3/24/2022	17.59	5303.17	5285.58
MW-22D 41-46'	1/27/2023	17.34	5303.17	5285.83
MW-22D 41-46'	4/25/2023	17.42	5303.17	5285.75
MW-22D 41-46'	7/12/2023	17.06	5303.17	5286.11
MW-22D 41-46'	10/17/2023	16.65	5303.17	5286.52

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-22D 41-46'	1/24/2024	17.41	5303.17	5285.76
MW-22D 41-46'	4/23/2024	NM	5303.17	--
MW-22D 41-46'	7/25/2024	16.40	5303.17	5286.77
MW-22D 41-46'	10/16/2024	16.49	5303.17	5286.68
MW-22D 41-46'	1/29/2025	16.03	5303.17	5287.14
MW-22D 41-46'	4/22/2025	17.30	5303.17	5285.87
MW-22D 41-46'	7/10/2025	16.52	5303.17	5286.65
MW-22D 48-53'	4/1/2019	19.40	5303.15	5283.75
MW-22D 48-53'	11/10/2021	18.72	5303.15	5284.43
MW-22D 48-53'	12/13/2021	17.98	5303.15	5285.17
MW-22D 48-53'	3/25/2022	20.07	5303.15	5283.08
MW-22D 48-53'	1/24/2023	19.62	5303.15	5283.53
MW-22D 48-53'	4/25/2023	19.89	5303.15	5283.26
MW-22D 48-53'	7/12/2023	20.05	5303.15	5283.10
MW-22D 48-53'	10/17/2023	19.33	5303.15	5283.82
MW-22D 48-53'	1/24/2024	19.07	5303.15	5284.08
MW-22D 48-53'	4/23/2024	NM	5303.15	--
MW-22D 48-53'	7/25/2024	19.32	5303.15	5283.83
MW-22D 48-53'	10/18/2024	19.22	5303.15	5283.93
MW-22D 48-53'	1/29/2025	19.01	5303.15	5284.14
MW-22D 48-53'	4/22/2025	19.63	5303.15	5283.52
MW-22D 48-53'	7/10/2025	19.48	5303.15	5283.67
MW-22D 55-60'	4/1/2019	25.47	5303.27	5277.80
MW-22D 55-60'	11/10/2021	25.75	5303.27	5277.52
MW-22D 55-60'	12/13/2021	25.76	5303.27	5277.51
MW-22D 55-60'	3/24/2022	26.53	5303.27	5276.74
MW-22D 55-60'	4/25/2023	26.53	5303.27	5276.74
MW-22D 55-60'	7/12/2023	26.96	5303.27	5276.31
MW-22D 55-60'	10/17/2023	26.30	5303.27	5276.97
MW-22D 55-60'	1/24/2024	26.30	5303.27	5276.97
MW-22D 55-60'	4/24/2024	26.53	5303.27	5276.74
MW-22D 55-60'	7/25/2024	26.46	5303.27	5276.81
MW-22D 55-60'	10/18/2024	26.46	5303.27	5276.81
MW-22D 55-60'	1/29/2025	26.13	5303.27	5277.14
MW-22D 55-60'	4/22/2025	26.59	5303.27	5276.68
MW-22D 55-60'	7/10/2025	26.68	5303.27	5276.59
MW-22D 72.5-75'	4/1/2019	DRY	5303.44	--
MW-22D 72.5-75'	11/10/2021	74.75	5303.44	5228.69
MW-22D 72.5-75'	12/13/2021	74.77	5303.44	5228.67
MW-22D 72.5-75'	3/24/2022	74.91	5303.44	5228.53
MW-22D 72.5-75'	4/24/2023	DRY	5303.44	--
MW-22D 72.5-75'	7/12/2023	74.97	5303.44	5228.47
MW-22D 72.5-75'	10/16/2023	DRY	5303.44	--
MW-22D 72.5-75'	1/23/2024	DRY	5303.44	--

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-22D 72.5-75'	4/23/2024	NM	5303.44	--
MW-22D 72.5-75'	7/24/2024	DRY	5303.44	--
MW-22D 72.5-75'	10/16/2024	DRY	5303.44	--
MW-22D 72.5-75'	1/29/2025	DRY	5303.44	--
MW-22D 72.5-75'	4/22/2025	DRY	5303.44	--
MW-22D 72.5-75'	7/10/2025	DRY	5303.44	--
MW-23	5/22/2018	19.78	5290.01	5270.23
MW-23	10/11/2018	15.74	5290.01	5274.27
MW-23	4/5/2019	16.76	5290.01	5273.25
MW-23	10/7/2019	16.01	5290.01	5274.00
MW-23	4/6/2020	16.50	5290.01	5273.51
MW-23	10/20/2020	16.26	5290.01	5273.75
MW-23	7/22/2021	14.47	5290.01	5275.54
MW-23	12/8/2021	16.60	5290.01	5273.41
MW-23	8/23/2021	14.18	5290.01	5275.83
MW-23	10/7/2021	15.67	5290.01	5274.34
MW-23	12/8/2021	16.60	5290.01	5273.41
MW-23	3/25/2022	17.45	5290.01	5272.56
MW-23	1/24/2023	17.21	5290.01	5272.80
MW-23	4/24/2023	17.04	5290.01	5272.97
MW-23	7/12/2023	14.36	5290.01	5275.65
MW-23	10/16/2023	16.03	5290.01	5273.98
MW-23	1/23/2024	17.13	5290.01	5272.88
MW-23	4/23/2024	16.18	5290.01	5273.83
MW-23	7/24/2024	16.08	5290.01	5273.93
MW-23	10/16/2024	10.57	5290.01	5279.44
MW-23	1/28/2025	17.16	5290.01	5272.85
MW-23	4/22/2025	17.36	5290.01	5272.65
MW-23	7/9/2025	16.00	5290.01	5274.01
MW-23D 31-33.5'	4/1/2019	NA	NA	NA
MW-23D 31-33.5'	11/10/2021	17.52	NA	NA
MW-23D 31-33.5'	12/9/2021	17.87	NA	NA
MW-23D 31-33.5'	3/24/2022	19.10	NA	NA
MW-23D 31-33.5'	1/24/2023	18.69	NA	NA
MW-23D 31-33.5'	4/24/2023	18.66	NA	NA
MW-23D 31-33.5'	7/13/2023	16.81	NA	NA
MW-23D 31-33.5'	8/25/2023	16.81	NA	NA
MW-23D 31-33.5'	10/16/2023	17.35	NA	NA
MW-23D 31-33.5'	1/23/2024	18.62	NA	NA
MW-23D 31-33.5'	4/23/2024	18.50	NA	NA
MW-23D 31-33.5'	7/24/2024	17.44	NA	NA
MW-23D 31-33.5'	10/16/2024	17.43	NA	NA
MW-23D 31-33.5'	1/29/2025	19.00	NA	NA
MW-23D 31-33.5'	4/21/2025	18.99	NA	NA

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-23D 31-33.5'	7/10/2025	17.25	NA	NA
MW-23D 47-52'	4/1/2019	NA	NA	NA
MW-23D 47-52'	11/10/2021	20.05	NA	NA
MW-23D 47-52'	12/9/2021	20.52	NA	NA
MW-23D 47-52'	3/24/2022	21.02	NA	NA
MW-23D 47-52'	1/24/2023	20.58	NA	NA
MW-23D 47-52'	4/24/2023	21.98	NA	NA
MW-23D 47-52'	7/13/2023	NA	NA	NA
MW-23D 47-52'	8/25/2023	NA	NA	NA
MW-23D 47-52'	10/16/2023	20.86	NA	NA
MW-23D 47-52'	1/23/2024	21.02	NA	NA
MW-23D 47-52'	4/23/2024	21.25	NA	NA
MW-23D 47-52'	7/24/2024	21.52	NA	NA
MW-23D 47-52'	10/16/2024	21.31	NA	NA
MW-23D 47-52'	1/29/2025	21.21	NA	NA
MW-23D 47-52'	4/21/2025	21.19	NA	NA
MW-23D 47-52'	7/9/2025	21.30	NA	NA
MW-23D 56.5-61.5'	4/1/2019	30.51	5301.16	5270.65
MW-23D 56.5-61.5'	11/10/2021	30.22	5301.16	5270.94
MW-23D 56.5-61.5'	3/24/2022	33.16	5301.16	5268.00
MW-23D 56.5-61.5'	1/24/2023	31.65	5301.16	5269.51
MW-23D 56.5-61.5'	4/24/2023	34.63	5301.16	5266.53
MW-23D 56.5-61.5'	7/13/2023	36.09	5301.16	5265.07
MW-23D 56.5-61.5'	8/25/2023	41.29	5301.16	5259.87
MW-23D 56.5-61.5'	10/16/2023	34.36	5301.16	5266.80
MW-23D 56.5-61.5'	1/23/2024	34.28	5301.16	5266.88
MW-23D 56.5-61.5'	4/23/2024	34.82	5301.16	5266.34
MW-23D 56.5-61.5'	7/24/2024	35.31	5301.16	5265.85
MW-23D 56.5-61.5'	10/16/2024	35.83	5301.16	5265.33
MW-23D 56.5-61.5'	1/29/2025	33.98	5301.16	5267.18
MW-23D 56.5-61.5'	4/21/2025	35.94	5301.16	5265.22
MW-23D 56.5-61.5'	7/9/2025	35.83	5301.16	5265.33
MW-23D 64-74'	4/1/2019	DRY	5301.12	--
MW-23D 64-74'	11/10/2021	DRY	5301.12	--
MW-23D 64-74'	12/9/2021	DRY	5301.12	--
MW-23D 64-74'	3/24/2022	NA	5301.12	--
MW-23D 64-74'	1/24/2023	Dry	5301.12	--
MW-23D 64-74'	4/24/2023	DRY	5301.12	--
MW-23D 64-74'	7/12/2023	74.62	5301.12	5226.50
MW-23D 64-74'	8/25/2023	74.64	5301.12	5226.48
MW-23D 64-74'	10/16/2023	DRY	5301.12	--
MW-23D 64-74'	1/23/2024	DRY	5301.12	--
MW-23D 64-74'	4/23/2024	DRY	5301.12	--
MW-23D 64-74'	7/24/2024	DRY	5301.12	--

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-23D 64-74'	10/16/2024	DRY	5301.12	--
MW-23D 64-74'	1/27/2025	DRY	5301.12	--
MW-23D 64-74'	4/21/2025	DRY	5301.12	--
MW-23D 64-74'	7/9/2025	DRY	5301.12	--
MW-24	5/22/2018	11.34	5283.66	5272.32
MW-24	10/11/2018	10.73	5283.66	5272.93
MW-24	4/5/2019	11.58	5283.66	5272.08
MW-24	10/7/2019	11.58	5283.66	5272.08
MW-24	4/6/2020	11.39	5283.66	5272.27
MW-24	10/20/2020	10.98	5283.66	5272.68
MW-24	12/8/2021	12.34	5283.66	5271.32
MW-24	3/23/2022	12.54	5283.66	5271.12
MW-24	4/24/2023	12.28	5283.66	5271.38
MW-24	7/12/2023	10.45	5283.66	5273.21
MW-24	10/16/2023	12.73	5283.66	5270.93
MW-24	1/23/2024	12.43	5283.66	5271.23
MW-24	4/23/2024	11.30	5283.66	5272.36
MW-24	7/30/2024	11.71	5283.66	5271.95
MW-24	10/16/2024	11.94	5283.66	5271.72
MW-24	1/30/2025	12.48	5283.66	5271.18
MW-24	4/21/2025	12.60	5283.66	5271.06
MW-25	5/22/2018	9.09	5280.03	5270.94
MW-25	10/11/2018	8.53	5280.03	5271.50
MW-25	4/5/2019	9.09	5280.03	5270.94
MW-25	5/14/2019	9.06	5280.03	5270.97
MW-25	10/7/2019	9.28	5280.03	5270.75
MW-25	4/6/2020	9.14	5280.03	5270.89
MW-25	10/20/2020	8.92	5280.03	5271.11
MW-25	12/7/2021	10.01	5280.03	5270.02
MW-25	3/24/2022	9.93	5280.03	5270.10
MW-25	1/26/2023	9.62	5280.03	5270.41
MW-25	4/25/2023	9.97	5280.03	5270.06
MW-25	7/13/2023	8.27	5280.03	5271.76
MW-25	10/17/2023	9.11	5280.03	5270.92
MW-25	1/24/2024	10.18	5280.03	5269.85
MW-25	4/24/2024	8.94	5280.03	5271.09
MW-25	7/25/2024	9.54	5280.03	5270.49
MW-25	10/18/2024	9.72	5280.03	5270.31
MW-25	1/29/2025	10.26	5280.03	5269.77
MW-25	4/22/2025	10.36	5280.03	5269.67
MW-25	7/10/2025	9.50	5280.03	5270.53
MW-26D	5/14/2019	14.93	5284.75	5269.82
MW-26D	7/22/2021	13.05	5284.75	5271.70
MW-26D	8/23/2021	13.70	5284.75	5271.05

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-26D	10/7/2021	13.94	5284.75	5270.81
MW-26D	12/8/2021	13.46	5284.75	5271.29
MW-26D	3/24/2022	13.78	5284.75	5270.97
MW-26D	1/24/2023	13.23	5284.75	5271.52
MW-26D	4/24/2023	13.69	5284.75	5271.06
MW-26D	7/13/2023	13.98	5284.75	5270.77
MW-26D	10/16/2023	13.24	5284.75	5271.51
MW-26D	1/23/2024	13.14	5284.75	5271.61
MW-26D	4/23/2024	13.28	5284.75	5271.47
MW-26D	7/24/2024	13.59	5284.75	5271.16
MW-26D	10/16/2024	13.67	5284.75	5271.08
MW-26D	1/27/2025	14.90	5284.75	5269.85
MW-26D	4/21/2025	13.84	5284.75	5270.91
MW-26D	7/9/2025	13.44	5284.75	5271.31
MW-27	5/14/2019	10.97	5301.80	5290.83
MW-27	12/6/2021	11.17	5301.80	5290.63
MW-27	3/22/2022	11.39	5301.80	5290.41
MW-27	1/24/2023	10.91	5301.80	5290.89
MW-27	4/24/2023	10.23	5301.80	5291.57
MW-27	7/12/2023	8.81	5301.80	5292.99
MW-27	10/16/2023	9.92	5301.80	5291.88
MW-27	1/23/2024	11.77	5301.80	5290.03
MW-27	4/23/2024	9.81	5301.80	5291.99
MW-27	7/24/2024	9.28	5301.80	5292.52
MW-27	10/16/2024	9.74	5301.80	5292.06
MW-27	1/27/2025	11.30	5301.80	5290.50
MW-27	4/22/2025	10.10	5301.80	5291.70
MW-28	1/24/2023	11.86	5301.62	5289.76
MW-28	4/24/2023	11.31	5301.62	5290.31
MW-28	7/12/2023	9.41	5301.62	5292.21
MW-28	10/16/2023	10.59	5301.62	5291.03
MW-28	1/23/2024	12.60	5301.62	5289.02
MW-28	4/23/2024	10.80	5301.62	5290.82
MW-28	7/24/2024	10.14	5301.62	5291.48
MW-28	10/16/2024	10.59	5301.62	5291.03
MW-28	1/28/2025	12.28	5301.62	5289.34
MW-28	4/22/2025	10.78	5301.62	5290.84
MW-28	7/9/2025	9.73	5301.62	5291.89
MW-29	5/14/2019	8.35	5276.07	5267.72
MW-29	12/7/2021	9.34	5276.07	5266.73
MW-29	3/23/2022	8.80	5276.07	5267.27
MW-29	2/20/2023	8.83	5276.07	5267.24
MW-29	4/25/2023	9.13	5276.07	5266.94
MW-29	7/13/2023	7.64	5276.07	5268.43

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-29	10/17/2023	8.47	5276.07	5267.60
MW-29	1/24/2024	9.57	5276.07	5266.50
MW-29	4/24/2024	8.36	5276.07	5267.71
MW-29	7/25/2024	8.63	5276.07	5267.44
MW-29	10/18/2024	9.29	5276.07	5266.78
MW-29	1/28/2025	NM	5276.07	--
MW-29	4/21/2025	9.30	5276.07	5266.77
MW-29	7/10/2025	8.41	5276.07	5267.66
MW-30	5/14/2019	7.44	5260.74	5253.30
MW-30	12/7/2021	8.99	5260.74	5251.75
MW-30	3/23/2022	8.10	5260.74	5252.64
MW-30	1/26/2023	8.14	5260.74	5252.60
MW-30	4/25/2023	10.16	5260.74	5250.58
MW-30	7/13/2023	10.09	5260.74	5250.65
MW-30	10/17/2023	10.35	5260.74	5250.39
MW-30	1/24/2024	11.10	5260.74	5249.64
MW-30	4/24/2024	11.13	5260.74	5249.61
MW-30	7/25/2024	10.94	5260.74	5249.80
MW-30	10/18/2024	11.48	5260.74	5249.26
MW-30	1/29/2025	11.32	5260.74	5249.42
MW-30	4/22/2025	9.03	5260.74	5251.71
MW-30	7/10/2025	9.49	5260.74	5251.25
MW-31	5/14/2019	8.46	5246.61	5238.15
MW-31	12/6/2021	10.35	5246.61	5236.26
MW-31	3/23/2022	8.35	5246.61	5238.26
MW-31	1/25/2023	8.11	5246.61	5238.50
MW-31	4/24/2023	8.66	5246.61	5237.95
MW-31	7/13/2023	7.40	5246.61	5239.21
MW-31	10/17/2023	10.27	5246.61	5236.34
MW-31	1/23/2024	9.66	5246.61	5236.95
MW-31	4/23/2024	8.01	5246.61	5238.60
MW-31	7/24/2024	9.79	5246.61	5236.82
MW-31	10/16/2024	11.32	5246.61	5235.29
MW-31	1/28/2025	9.78	5246.61	5236.83
MW-31	4/21/2025	8.69	5246.61	5237.92
MW-31	7/9/2025	9.11	5246.61	5237.50
MW-32	12/7/2021	8.90	5251.06	5242.16
MW-32	3/23/2022	7.69	5251.06	5243.37
MW-32	1/24/2023	7.41	5251.06	5243.65
MW-32	4/24/2023	7.43	5251.06	5243.63
MW-32	7/12/2023	6.28	5251.06	5244.78
MW-32	10/16/2023	8.32	5251.06	5242.74
MW-32	1/23/2024	8.78	5251.06	5242.28
MW-32	4/23/2024	8.14	5251.06	5242.92

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-32	7/24/2024	8.69	5251.06	5242.37
MW-32	10/16/2024	8.97	5251.06	5242.09
MW-32	1/28/2025	8.81	5251.06	5242.25
MW-32	4/21/2025	7.72	5251.06	5243.34
MW-32	7/9/2025	7.59	5251.06	5243.47
MW-33	12/7/2021	10.08	5257.23	5247.15
MW-33	3/23/2022	9.70	5257.23	5247.53
MW-33	1/26/2023	9.71	5257.23	5247.52
MW-33	4/25/2023	9.54	5257.23	5247.69
MW-33	7/13/2023	8.55	5257.23	5248.68
MW-33	10/17/2023	9.91	5257.23	5247.32
MW-33	1/24/2024	9.76	5257.23	5247.47
MW-33	4/23/2024	8.89	5257.23	5248.34
MW-33	7/24/2024	9.89	5257.23	5247.34
MW-33	10/16/2024	10.48	5257.23	5246.75
MW-33	1/28/2025	9.94	5257.23	5247.29
MW-33	4/21/2025	9.42	5257.23	5247.81
MW-33	7/10/2025	9.67	5257.23	5247.56
MW-34	12/7/2021	11.89	5269.36	5257.47
MW-34	3/23/2022	11.44	5269.36	5257.92
MW-34	1/26/2023	11.54	5269.36	5257.82
MW-34	4/25/2023	10.91	5269.36	5258.45
MW-34	7/13/2023	8.89	5269.36	5260.47
MW-34	10/17/2023	11.28	5269.36	5258.08
MW-34	1/24/2024	11.53	5269.36	5257.83
MW-34	4/23/2024	9.78	5269.36	5259.58
MW-34	7/25/2024	11.41	5269.36	5257.95
MW-34	10/16/2024	13.03	5269.36	5256.33
MW-34	1/29/2025	21.58	5269.36	5247.78
MW-34	4/22/2025	INA	5269.36	--
MW-34	7/10/2025	INA	5269.36	--
MW-35	12/7/2021	10.23	5271.72	5261.49
MW-35	3/23/2022	9.61	5271.72	5262.11
MW-35	3/24/2022	9.51	5271.72	5262.21
MW-35	1/26/2023	9.62	5271.72	5262.10
MW-35	4/25/2023	9.86	5271.72	5261.86
MW-35	7/13/2023	9.57	5271.72	5262.15
MW-35	10/17/2023	9.41	5271.72	5262.31
MW-35	1/24/2024	10.37	5271.72	5261.35
MW-35	4/24/2024	8.53	5271.72	5263.19
MW-35	7/25/2024	9.29	5271.72	5262.43
MW-35	10/18/2024	9.62	5271.72	5262.10
MW-35	1/28/2025	10.43	5271.72	5261.29
MW-35	4/21/2025	10.01	5271.72	5261.71

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-35	7/10/2025	9.40	5271.72	5262.32
MW-37	4/22/2025	11.33	NA	NA
MW-37	7/10/2025	10.3	NA	NA
MW-39	1/29/2025	15.02	5294.88	5279.86
MW-39	4/22/2025	16.18	5294.88	5278.70
MW-39	7/10/2025	13.81	5294.88	5281.07
MW-40	1/27/2025	12.52	5293.65	5281.13
MW-40	4/21/2025	12.1	5293.65	5281.55
MW-40	7/10/2025	10.81	5293.65	5282.84
MW-41	1/27/2025	14.12	5284.17	5270.05
MW-41	4/21/2025	13.25	5284.17	5270.92
MW-41	7/10/2025	12.27	5284.17	5271.90
MW-42	1/27/2025	11.14	5273.21	5262.07
MW-42	4/21/2025	10.23	5273.21	5262.98
MW-42	7/10/2025	9.42	5273.21	5263.79
MW-43	1/27/2025	10.24	5264.10	5253.86
MW-43	4/21/2025	9.67	5264.10	5254.43
MW-43	7/9/2025	9.43	5264.10	5254.67
MW-44	1/27/2025	19.54	5251.92	5232.38
MW-44	4/21/2025	12.57	5251.92	5239.35
MW-44	7/9/2025	9.65	5251.92	5242.27
MW-45 40-45'	1/28/2025	12.38	5302.06	5289.68
MW-45 40-45'	4/21/2025	12.74	5302.06	5289.32
MW-45 40-45'	7/9/2025	11.61	5302.06	5290.45
MW-45 48-53'	1/28/2025	41.43	5301.93	5260.50
MW-45 48-53'	4/21/2025	18.79	5301.93	5283.14
MW-45 48-53'	7/9/2025	18.11	5301.93	5283.82
MW-45 55-60'	1/28/2025	54.05	5301.85	5247.80
MW-45 55-60'	4/21/2025	37.99	5301.85	5263.86
MW-45 55-60'	7/9/2025	38.92	5301.85	5262.93
MW-46 40-45'	1/28/2025	32.09	5300.99	5268.90
MW-46 40-45'	4/21/2025	18.26	5300.99	5282.73
MW-46 40-45'	7/9/2025	18.32	5300.99	5282.67
MW-46 48-53'	1/28/2025	27.61	5301.03	5273.42
MW-46 48-53'	4/21/2025	19.58	5301.03	5281.45
MW-46 48-53'	7/9/2025	19.73	5301.03	5281.30
MW-46 55-60'	1/28/2025	46.78	5300.78	5254.00
MW-46 55-60'	4/21/2025	22.29	5300.78	5278.49
MW-46 55-60'	7/9/2025	22.15	5300.78	5278.63
MW-47 40-45'	1/28/2025	18.44	5303.33	5284.89
MW-47 40-45'	4/21/2025	18.25	5303.33	5285.08
MW-47 40-45'	7/9/2025	16.72	5303.33	5286.61
MW-47 48-53'	1/28/2025	29.68	5303.40	5273.72
MW-47 48-53'	4/21/2025	23.69	5303.40	5279.71

Table 10. Groundwater elevations.

Well ID	Date of Measurement	Depth to Water (feet below top of casing)	Ground Surface Elevation (feet above TOCa)	Water Table Elevation (feet above MSL)
MW-47 48-53'	7/9/2025	17.19	5303.40	5286.21
MW-47 55-60'	1/28/2025	DRY	5303.172	--
MW-47 55-60'	4/21/2025	47.50	5303.172	5255.67
MW-47 55-60'	7/9/2025	37.92	5303.172	5265.25
PZ-H	5/14/2019	DRY	5303.59	--
8946-2	1/30/2025	11.31	5300.53	5289.22
8946-2	4/22/2025	9.19	5300.53	5291.34
8946-2	7/10/2025	7.49	5300.53	5293.04
8946-6	1/30/2025	11.93	5301.03	5289.10
8946-6	4/22/2025	13.96	5301.03	5287.07

Table 11. Historical groundwater parameters.

Table 11. Groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-01	12/6/2021	15.35	7.18	1,303	1.22	-55.9
MW-01	3/22/2022	15.4	7.00	5,308	1.30	-1.9
MW-01	1/23/2023	16.5	7.64	3,590	2.80	-71.0
MW-01	4/24/2023	17.6	7.73	3,679	5.17	85.0
MW-01	7/13/2023	18.2	7.42	3,740	1.90	136.1
MW-01	10/16/2023	18.3	7.67	20	9.55	26.0
MW-01	1/23/2024	16.6	7.46	4,216	1.77	165.0
MW-01	4/23/2024	16.5	7.81	4,492	7.33	-67.8
MW-01	7/24/2024	16.9	7.50	4,009	2.95	12.0
MW-01	10/16/2024	17.0	7.59	4,574	2.60	-42.0
MW-01	1/27/2025	15.9	7.75	4,933	4.53	-31.2
MW-01	4/21/2025	NOP	NOP	NOP	NOP	NOP
MW-01	7/9/2025	NOP	NOP	NOP	NOP	NOP
MW-02	12/9/2021	17.34	7.23	6,061	1.4	121.0
MW-02	3/28/2022	18.1	7.14	6,529	3.43	147.5
MW-02	1/26/2023	17.4	7.24	6,157	0.54	114.0
MW-02	4/25/2023	17.2	7.12	5,978	0.25	135.9
MW-02	7/13/2023	18.2	7.28	6,269	1.06	53.6
MW-02	10/17/2023	18.2	7.39	6,159	0.80	-46.7
MW-02	1/24/2024	17.0	7.08	6,313	0.35	96.1
MW-02	4/24/2024	17.7	7.19	5,921	0.33	3.2
MW-02	7/25/2024	18.0	7.21	5,977	0.64	43.0
MW-02	10/18/2024	17.7	7.22	6,150	1.04	38.4
MW-02	1/29/2025	17.5	7.13	5,877	0.43	119.8
MW-02	4/22/2025	17.9	7.15	5,347	0.37	242.7
MW-02	7/10/2025	18.6	7.16	6,022	1.20	43.1
MW-03	12/8/2021	17.89	7.24	4,609	1.41	189.2
MW-03	3/22/2022	15.4	7.18	5,002	1.88	154.6
MW-03	1/24/2023	16.6	7.32	4,881	0.53	208.4
MW-03	4/24/2023	16.0	7.19	4,956	1.66	83.6
MW-03	7/13/2023	17.0	7.27	4,735	2.23	88.7
MW-03	10/16/2023	18.9	7.52	4,853	0.92	-3.0
MW-03	1/24/2024	16.7	7.15	4,813	1.99	108.1
MW-03	4/23/2024	15.5	7.39	2,048	3.29	12.7
MW-03	7/24/2024	17.6	7.24	4,565	1.28	50.6
MW-03	10/18/2024	17.8	7.20	4,849	0.54	32.5
MW-03	1/28/2025	16.3	7.18	4,985	0.29	112.0
MW-03	4/21/2025	16.9	7.28	4,402	0.35	231.4
MW-03	7/9/2025	21.4	7.24	4,680	0.69	88.3
MW-04	12/8/2021	17.35	7.6	1,050	0.8	149.1
MW-04	3/22/2022	14.6	7.17	414.6	3.47	160.7
MW-04	1/24/2023	15.1	7.44	346.0	1.70	205.7
MW-04	4/24/2023	15.3	7.46	918.0	1.68	64.8
MW-04	7/13/2023	16.6	7.57	1483	0.18	12.0

Table 11. Groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-04	10/16/2023	18.5	7.75	1701	1.79	-22.0
MW-04	1/24/2024	16.0	7.33	2364	2.40	63.7
MW-04	4/24/2024	14.8	7.31	2574	2.85	6.8
MW-04	7/24/2024	17.0	7.30	2867	0.48	47.7
MW-04	10/18/2024	17.6	7.40	2870	0.35	27.9
MW-04	1/28/2025	16.3	7.36	3120	0.20	115.7
MW-04	4/21/2025	16.4	7.33	2502	1.62	232.3
MW-04	7/10/2025	18.7	7.40	3177	0.31	32.3
MW-05	12/9/2021	17.04	6.90	1,442	1.15	-104.8
MW-05	3/28/2022	18.9	7.92	2,274	5.02	-99.0
MW-05	2/20/2023	--	--	--	--	--
MW-05	4/24/2023	17.5	6.69	16,675	0.45	-4.6
MW-05	7/13/2023	18.7	6.85	7,999	1.58	-103.7
MW-05	10/17/2023	17.6	7.36	3,804	5.77	-2.0
MW-05	1/23/2024	17.0	6.88	7,344	4.47	108.0
MW-05	4/23/2024	16.2	7.28	6,410	7.26	-69.0
MW-05	7/24/2024	17.9	6.99	6,762	1.38	7.0
MW-05	10/16/2024	17.1	7.02	6,728	1.73	-11.0
MW-05	1/27/2025	16.2	7.09	6,737	2.40	-74.0
MW-05	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-05	7/10/2025	NOP	NOP	NOP	NOP	NOP
MW-06	2/10/2015	16.7	7.34	5,620	0.56	54
MW-06	10/7/2015	18.7	7.53	5,684	0.17	53
MW-06	5/4/2016	17.8	8.34	5,676	0.46	73
MW-06	10/13/2016	18.2	6.91	5,730	0.12	116
MW-06	4/11/2017	17.6	7.18	5,890	0.18	143
MW-06	10/25/2017	18.7	7.25	5,710	0.14	137
MW-06	5/24/2018	17.3	7.28	5,544	1.00	-8
MW-06	10/12/2018	17.7	7.23	5,273	2.40	142
MW-06	4/4/2019	17.4	7.29	5,550	1.80	124
MW-06	10/8/2019	18.9	7.28	5,929	1.70	18
MW-06	4/6/2020	17.3	7.25	5,448	1.00	-12
MW-06	10/21/2020	18.7	7.53	5,273	2.40	65
MW-06	12/13/2021	18.0	7.29	5,847	1.30	144.9
MW-06	3/28/2022	17.7	7.15	5,817	2.09	51.6
MW-06	1/26/2023	17.6	7.31	5,481	0.64	142.0
MW-06	4/25/2023	16.6	7.21	5,653	0.31	135.2
MW-06	7/13/2023	17.9	7.34	5,384	0.56	62.9
MW-06	10/17/2023	18.1	7.66	5,563	0.32	-56.2
MW-06	1/24/2024	17.3	1.17	5,480	0.16	105.2
MW-06	4/24/2024	17.0	7.32	5,203	0.16	132.0
MW-06	7/25/2024	18.6	7.27	5,405	0.06	54.1
MW-06	10/18/2024	17.7	7.30	5,410	0.22	31.8
MW-06	1/29/2025	17.4	7.20	5,634	0.15	111.7

Table 11. Groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-06	4/22/2025	17.6	7.26	4,911	0.60	225.4
MW-06	7/10/2025	17.8	7.23	5,218	0.06	-6.3
MW-08	12/6/2021	12.78	7.4	5,502	2.36	97.5
MW-08	3/22/2022	14.6	7.18	5,208	1.16	109.9
MW-08	1/24/2023	15.5	7.33	4,861	0.46	193.8
MW-08	4/24/2023	15.4	7.23	5,427	0.14	85.9
MW-08	7/12/2023	16.0	7.25	4,505	0.52	112.4
MW-08	10/16/2023	16.5	7.68	5,389	0.21	-15.5
MW-08	1/23/2024	15.3	7.21	5,143	0.47	90.8
MW-08	4/23/2024	15.1	7.35	4,939	0.68	7.3
MW-08	7/24/2024	16.2	7.29	5,010	0.12	33.9
MW-08	10/16/2024	16.9	7.33	5,070	0.17	11.0
MW-08	1/28/2025	14.4	7.24	5,354	0.19	111.1
MW-08	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-08	7/9/2025	21.3	7.26	5,560	0.26	81.3
MW-09	2/10/2015	15.8	7.35	6,393	2.77	57
MW-09	10/7/2015	19.8	7.17	5,666	0.19	-87
MW-09	5/4/2016	17.1	8.36	5,692	0.63	12
MW-09	10/13/2016	19.7	6.73	4,710	0.35	138
MW-09	4/11/2017	17.4	7.17	5,942	0.72	109
MW-09	10/24/2017	19.4	7.16	5,617	0.17	136
MW-09	5/24/2018	17.1	7.15	5,140	0.17	51
MW-09	10/12/2018	18.8	7.14	5,319	6.90	14
MW-09	4/8/2019	16.5	7.27	5,010	7.50	118
MW-09	10/8/2019	20.4	7.17	4,032	3.40	-10
MW-09	4/6/2020	17.1	6.92	5,650	0.40	42
MW-09	10/21/2020	19.7	6.73	4,710	0.35	46
MW-09	12/9/2021	17.69	7.29	5,872	1.13	65.1
MW-09	3/28/2022	18.10	7.20	5,764	0.06	78.4
MW-09	1/26/2023	15.1	7.32	4,755	3.41	184
MW-09	4/25/2023	15.6	7.08	4,909	0.18	120.7
MW-09	7/13/2023	19.4	7.19	3,488	1.98	46.1
MW-09	10/17/2023	20.2	6.78	2,694	0.15	46.0
MW-09	1/24/2024	15.8	7.03	5,582	1.13	112.7
MW-09	4/24/2024	17.3	7.07	3,481	0.14	-4.3
MW-09	7/25/2024	--	--	--	--	--
MW-09	10/16/2024	--	--	--	--	--
MW-09	1/30/2025	14.6	7.37	1733	4.89	109.4
MW-09	4/22/2025	14.8	7.25	5912	2.71	164.8
MW-09	7/10/2025	18.5	7.10	4630	0.11	-5.6
MW-10	12/6/2021	13.48	7.16	8,183	2.80	89.4
MW-10	3/22/2022	14.3	6.77	10,094	2.54	186.4
MW-10	1/23/2023	15.7	6.87	8,536	1.44	-131.8
MW-10	4/24/2023	15.6	6.79	11,367	1.57	117.5

Table 11. Groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-10	7/12/2023	17.3	6.90	10,579	2.26	112.4
MW-10	10/16/2023	18.8	7.25	10,216	0.82	95.6
MW-10	1/23/2024	16.7	6.80	3,788	6.43	126.4
MW-10	4/23/2024	15.5	6.86	10,893	1.75	9.7
MW-10	7/24/2024	17.4	6.80	10,725	1.14	22.1
MW-10	10/16/2024	18.8	6.89	10,123	2.22	48.8
MW-10	1/30/2025	16.7	6.80	10,607	0.14	111.3
MW-10	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-10	7/9/2025	17.8	6.80	10,464	0.57	6.8
MW-11	2/9/2015	18.9	7.87	1,063	0.21	31
MW-11	10/7/2015	20.0	7.66	1,311	0.15	91
MW-11	5/4/2016	16.9	8.59	1,111	0.52	48
MW-11	10/18/2016	20.0	7.61	1,806	0.17	122
MW-11	4/11/2017	17.8	7.54	1,846	0.24	111
MW-11	10/25/2017	19.5	7.57	1,639	0.15	148
MW-11	5/24/2018	17.8	7.56	1,405	1.30	63
MW-11	10/12/2018	19.3	6.52	1,381	2.50	101
MW-11	4/8/2019	17.2	7.55	1,360	2.50	119
MW-11	10/8/2019	19.9	7.45	2,348	1.40	-26
MW-11	4/6/2020	19.7	7.92	1,975	1.70	37
MW-11	10/21/2020	20.0	7.61	1,806	0.17	55
MW-11	12/13/2021	18.74	7.46	2,442	1.27	133.3
MW-11	3/28/2022	17.8	7.21	2,592	0.71	78.7
MW-11	1/26/2023	17.7	7.38	2,115	1.82	128.2
MW-11	4/25/2023	15.5	7.33	1,521	0.19	99.4
MW-11	7/14/2023	18.0	7.34	2,060	3.39	106.8
MW-11	10/17/2023	19.2	7.80	2,233	0.26	-66.1
MW-11	1/24/2024	18.0	7.06	1,870	0.49	109.0
MW-11	4/23/2024	--	--	--	--	--
MW-11	7/25/2024	17.2	7.4	1548	0.1	46.5
MW-11	10/18/2024	17.5	7.5	1506	0.1	20.3
MW-11	1/30/2025	14.1	7.49	1469	0.26	109.8
MW-11	4/22/2025	14.7	7.41	1721	0.83	184.8
MW-11	7/10/2025	18.6	7.17	1722	0.16	25.7
MW-12R	2/9/2015	17.5	7.92	1,129	0.15	17
MW-12R	10/7/2015	20.7	7.54	1,139	0.24	54
MW-12R	5/4/2016	17.2	8.63	1,572	0.63	60
MW-12R	10/13/2016	19.6	7.21	1,485	0.24	140
MW-12R	4/11/2017	17.8	7.53	1,580	0.28	129
MW-12R	10/24/2017	19.2	7.64	1,330	0.25	141
MW-12R	5/23/2018	17.2	7.81	1,242	2.20	70
MW-12R	10/12/2018	18.4	7.80	1,046	36.5 [g]	103
MW-12R	4/8/2019	16.7	7.96	1,140	2.00	105
MW-12R	10/8/2019	18.7	7.90	1,190	1.30	-54

Table 11. Groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-12R	4/6/2020	17.8	7.75	1,380	1.80	27
MW-12R	10/21/2020	19.6	7.21	1,485	0.24	50
MW-12R	12/13/2021	17.58	7.96	1,169	0.93	109.9
MW-12R	3/28/2022	16.7	7.71	1,020	1.65	89.6
MW-12R	1/26/2023	16.9	8.16	1,004	1.47	131.0
MW-12R	4/25/2023	15.7	7.94	1,036	0.08	103.6
MW-12R	7/13/2023	16.7	8.05	1,047	1.48	48.0
MW-12R	10/17/2023	18.0	8.57	907	0.25	-1.5
MW-12R	1/24/2024	16.1	8.17	828	0.47	71.2
MW-12R	4/24/2024	15.4	8.24	797	0.31	2.7
MW-12R	7/25/2024	16.5	8.25	949	0.05	24.1
MW-12R	10/18/2024	17.0	8.21	1,121	0.18	3.9
MW-12R	1/28/2025	16.0	7.99	1,168	0.07	117.7
MW-12R	4/21/2025	16.2	7.99	1,028	0.51	201.3
MW-12R	7/10/2025	19.2	8.10	1,190	0.11	19.1
MW-13	3/21/2012	16.2	7.08	7,094	0.29	203
MW-13	6/14/2012	18.5	6.97	6,668	0.25	89
MW-13	9/13/2012	17.5	6.79	6,779	0.27	123
MW-13	12/13/2012	17.0	6.92	6,857	0.32	172
MW-13	3/20/2013	16.8	6.92	6,896	0.29	137
MW-13	10/24/2013	17.5	7.26	4,498	0.43	90
MW-13	4/21/2014	16.3	7.13	7,070	0.46	97
MW-13	10/20/2014	17.4	7.50	6,500	0.50	-99
MW-13	2/10/2015	17.0	7.34	6,717	0.76	-116
MW-13	10/7/2015	19.4	7.08	7,230	0.30	75
MW-13	4/14/2016	17.4	7.27	7,201	1.01	122
MW-13	10/13/2016	18.3	6.80	6,561	0.25	142
MW-13	4/12/2017	18.2	7.13	6,697	0.32	144
MW-13	10/25/2017	18.4	7.12	6,593	0.21	121
MW-13	5/24/2018	17.3	7.12	5,769	1.30	68
MW-13	10/12/2018	17.2	6.62	6,374	13.0	92
MW-13	4/8/2019	16.7	7.21	6,450	1.90	87
MW-13	10/8/2019	18.0	7.21	6,549	3.40	-60
MW-13	4/6/2020	17.5	7.04	5,980	0.98	47
MW-13	10/21/2020	17.4	7.50	6,500	0.50	83
MW-13	7/22/2021	18.1	7.21	6,494	2.00	117
MW-13	8/23/2021	17.8	7.15	6,686	1.78	113
MW-13	10/7/2021	16.8	7.29	6,617	2.49	193
MW-13	12/8/2021	16.16	7.26	6,683	1.50	166.5
MW-13	3/25/2022	17.30	7.12	6,871	1.71	80.5
MW-13	1/26/2023	16.8	7.24	6,374	1.23	78.0
MW-13	4/25/2023	16.4	7.14	6,539	0.10	410.0
MW-13	7/14/2023	17.3	7.28	6,381	1.19	156.2
MW-13	10/17/2023	17.8	7.62	6,485	0.16	-52.3

Table 11. Groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-13	1/24/2024	16.8	6.94	6,520	0.24	123.0
MW-13	4/24/2024	16.9	7.24	6,218	0.41	130.0
MW-13	7/25/2024	17.0	7.10	6,572	0.44	10.0
MW-13	10/18/2024	17.1	7.07	6,539	0.26	-13.0
MW-13	1/29/2025	16.3	7.13	6,550	0.16	112.7
MW-13	4/22/2025	17.3	7.16	5,719	0.12	227.5
MW-13	7/10/2025	19.5	7.15	6,619	0.15	35.4
MW-14	3/21/2012	16.1	6.95	769	0.47	125
MW-14	6/14/2012	19.3	6.82	2,725	0.13	-139
MW-14	9/13/2012	17.2	6.80	5,781	0.19	79
MW-14	12/13/2012	17.0	7.18	2,263	0.30	-16
MW-14	3/20/2013	16.6	6.67	1,109	0.34	112
MW-14	10/24/2013	16.9	7.10	3,670	0.36	90
MW-14	4/21/2014	16.1	7.13	5,700	0.41	104
MW-14	10/20/2014	16.9	7.48	6,270	0.87	-98
MW-14	2/11/2015	16.7	7.17	4,965	0.65	28
MW-14	10/7/2015	18.9	6.94	6,726	0.11	82
MW-14	4/14/2016	17.0	6.90	1,883	1.03	129
MW-14	10/13/2016	18.9	6.45	4,835	0.24	147
MW-14	4/12/2017	18.8	6.92	825	0.37	139
MW-14	10/25/2017	18.2	7.04	6,092	0.15	119
MW-14	5/24/2018	16.9	7.11	5,788	1.20	84
MW-14	10/12/2018	16.6	6.92	5,630	3.10	75
MW-14	4/8/2019	16.3	7.16	4,940	7.90	147
MW-14	10/8/2019	17.3	7.16	5,191	1.40	-68
MW-14	4/6/2020	17.0	7.12	5,240	2.50	50
MW-14	10/20/2020	16.9	7.48	6,270	0.87	48
MW-14	7/22/2021	18.8	7.01	6,228	2.87	239
MW-14	8/23/2021	17.1	7.21	5,946	3.17	83.1
MW-14	10/7/2021	16.8	7.17	6,034	3.44	174.2
MW-14	12/8/2021	15.66	7.20	6,640	1.06	166.8
MW-14	3/28/2022	16.0	6.98	4,941	2.75	192.9
MW-14	1/26/2023	16.2	7.08	4,466	1.12	133.1
MW-14	4/25/2023	15.9	7.03	5,223	0.06	131.0
MW-14	7/13/2023	17.0	7.18	6,469	0.03	82.2
MW-14	10/17/2023	17.1	6.84	6,630	0.13	-17.0
MW-14	1/24/2024	16.4	6.79	6,097	0.24	118.0
MW-14	4/24/2024	16.3	7.21	6,466	0.12	124.0
MW-14	7/25/2024	16.6	6.85	6,403	0.23	12.0
MW-14	10/18/2024	16.7	6.84	6,513	0.13	-0.7
MW-14	1/29/2025	16.1	7.09	6,931	0.12	114.7
MW-14	4/22/2025	15.2	7.13	6,585	0.66	117.7
MW-14	7/10/2025	20.1	7.13	7,081	0.14	34.2
MW-15	3/21/2012	17.1	7.19	6,130	0.49	118

Table 11. Groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-15	6/14/2012	19.6	6.90	5,954	0.30	257
MW-15	9/13/2012	18.7	6.86	5,893	0.16	90
MW-15	12/13/2012	16.9	7.06	5,913	0.12	2
MW-15	3/20/2013	15.4	7.07	5,628	0.39	172
MW-15	10/24/2013	16.4	7.17	3,989	0.39	87
MW-15	4/22/2014	16.2	7.14	6,187	0.80	130
MW-15	10/20/2014	17.2	7.49	5,723	0.38	-126
MW-15	2/11/2015	16.8	7.15	5,589	0.70	31
MW-15	10/7/2015	18.4	7.06	6,237	0.10	90
MW-15	4/14/2016	16.8	7.02	5,790	1.01	124
MW-15	10/13/2016	17.3	6.80	5,748	0.16	154
MW-15	4/12/2017	17.8	7.11	5,979	0.32	146
MW-15	10/25/2017	18.0	7.12	5,889	0.17	134
MW-15	5/23/2018	16.9	7.18	5,925	1.10	107
MW-15	10/11/2018	16.2	7.06	5,809	1.80	101
MW-15	4/8/2019	17.0	7.16	5,900	29.4 [g]	147
MW-15	10/8/2019	17.3	7.17	5,875	1.20	-63
MW-15	4/7/2020	17.1	6.90	5,790	1.40	75
MW-15	10/21/2020	16.4	7.17	3,989	0.39	94
MW-15	7/22/2021	17.8	7.13	5,609	2.15	155
MW-15	8/23/2021	16.9	7.06	5,215	2.58	17.1
MW-15	10/7/2021	16.6	7.20	5,460	2.50	139.3
MW-15	12/8/2021	15.70	7.20	5,873	1.10	132.4
MW-15	3/28/2022	16.5	7.02	5,049	0.96	44.1
MW-15	1/26/2023	16.3	7.04	5,133	0.82	31.0
MW-15	4/25/2023	16.1	7.06	5,996	0.06	136.0
MW-15	7/13/2023	17.2	7.20	5,950	0.19	50.0
MW-15	10/17/2023	16.9	6.94	6,041	0.15	29.0
MW-15	1/24/2024	16.5	6.88	5,489	0.20	123.0
MW-15	4/24/2024	16.5	7.19	5,751	1.33	104.0
MW-15	7/25/2024	17.4	7.13	6,001	2.74	47.5
MW-15	10/18/2024	16.4	7.05	6,092	0.21	-13.0
MW-15	1/29/2025	15.6	7.07	6,076	0.14	114.8
MW-15	4/22/2025	17.3	7.07	5,435	0.43	229.4
MW-15	7/10/2025	17.2	7.03	6,094	0.12	-1.9
MW-16	12/8/2021	16.00	7.25	2,404	1.09	0.6
MW-16	3/22/2022	14.5	6.80	1,402	1.05	161.8
MW-16	1/24/2023	15.4	7.22	4,586	0.61	196.2
MW-16	4/25/2023	15.4	6.98	4,961	0.53	132.2
MW-16	7/13/2023	16.2	6.96	4,811	0.87	94.5
MW-16	10/17/2023	16.5	7.19	4,572	0.41	50.1
MW-16	1/24/2024	16.2	6.80	5,374	0.34	117.0
MW-16	4/24/2024	15.6	6.96	5,018	6.74	13.7
MW-16	7/25/2024	16.2	6.90	4,522	0.88	44.3

Table 11. Groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-16	10/18/2024	16.3	6.93	4,873	1.31	47.7
MW-16	1/28/2025	15.6	6.90	5,342	0.43	118.6
MW-16	4/21/2025	16.5	7.13	2,387	1.42	235.2
MW-16	7/10/2025	19.1	7.08	3,847	0.46	65.2
MW-17	12/9/2021	17.41	7.33	3,384	1.86	49.5
MW-17	3/28/2022	17.0	7.19	3,325	2.99	71.1
MW-17	1/23/2023	17.1	7.39	2,945	2.37	232.3
MW-17	4/24/2023	16.0	7.33	3,194	4.33	84.0
MW-17	7/12/2023	17.8	7.35	3,180	4.07	113.0
MW-17	10/16/2023	18.1	7.75	2,943	1.98	43.5
MW-17	1/23/2024	16.9	7.35	2,764	3.05	114.8
MW-17	4/23/2024	15.7	7.45	2,942	3.60	11.0
MW-17	7/24/2024	17.2	7.37	3,048	1.55	21.8
MW-17	10/16/2024	18.3	7.38	3,033	1.98	35.5
MW-17	1/27/2025	16.6	7.37	3,049	2.40	127.0
MW-17	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-17	7/10/2025	NOP	NOP	NOP	NOP	NOP
MW-18	3/19/2013	17.3	6.54	3,084	0.76	113
MW-18	4/21/2014	16.6	7.01	2,885	0.92	49
MW-18	2/11/2015	16.3	6.99	1,057	0.73	15
MW-18	4/13/2016	17.0	6.86	1,492	1.66	133
MW-18	4/12/2017	18.8	6.91	3,479	0.60	149
MW-18	5/23/2018	17.1	7.07	3,391	2.10	43
MW-18	10/11/2018	16.6	6.91	4,417	3.40	85
MW-18	4/8/2019	16.1	7.02	4,800	11.0	132
MW-18	10/8/2019	17.4	7.01	4,664	5.30	-45
MW-18	4/7/2020	17.9	7.05	4,240	2.90	95
MW-18	10/20/2020	16.6	7.01	2,885	0.92	33
MW-18	4/24/2023	--	--	--	--	--
MW-18	7/12/2023	--	--	--	--	--
MW-18	10/16/2023	--	--	--	--	--
MW-18	1/23/2024	--	--	--	--	--
MW-18	4/23/2024	--	--	--	--	--
MW-18	7/30/2024	--	--	--	--	--
MW-18	10/18/2024	--	--	--	--	--
MW-18	1/30/2025	--	--	--	--	--
MW-18	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-18	7/10/2025	NOP	NOP	NOP	NOP	NOP
MW-19	3/19/2013	14.8	6.94	6,953	0.79	185
MW-19	4/22/2014	13.9	7.04	6,942	2.57	85
MW-19	2/10/2015	16.5	7.22	6,985	0.90	-19
MW-19	4/12/2017	14.7	7.10	6,794	0.89	220
MW-19	5/23/2018	15.1	7.15	6,909	2.50	127
MW-19	10/11/2018	16.2	7.16	6,844	3.50	269

Table 11. Groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-19	4/5/2019	14.6	7.14	6,490	7.40	218
MW-19	10/7/2019	16.7	7.18	5,550	2.10	-82
MW-19	4/7/2020	16.9	7.20	5,550	2.30	112
MW-19	10/20/2020	16.5	7.22	6,985	0.90	-75
MW-19	4/24/2023	--	--	--	--	--
MW-19	7/12/2023	--	--	--	--	--
MW-19	10/16/2023	--	--	--	--	--
MW-19	1/23/2024	--	--	--	--	--
MW-19	4/23/2024	--	--	--	--	--
MW-19	7/30/2024	--	--	--	--	--
MW-19	10/16/2024	--	--	--	--	--
MW-19	1/30/2025	--	--	--	--	--
MW-19	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-19	7/9/2025	15.7	7.1	6316.0	3.2	-39.0
MW-20	3/19/2013	17.3	7.15	6,998	0.97	154
MW-20	4/21/2014	16.7	7.22	7,012	2.22	62
MW-20	2/11/2015	16.5	7.38	6,607	1.70	18
MW-20	4/13/2016	17.1	7.51	7,004	2.65	119
MW-20	4/12/2017	17.3	7.27	6,576	3.22	168
MW-20	5/23/2018	17.5	7.29	6,516	2.20	142
MW-20	4/5/2019	17.0	7.29	6,530	30.1 [g]	189
MW-20	10/7/2019	18.9	7.30	6,563	1.50	-55
MW-20	4/7/2020	17.5	7.40	6,250	1.70	72
MW-20	10/21/2020	17.3	7.27	6,576	3.25	107
MW-20	4/24/2023	--	--	--	--	--
MW-20	7/12/2023	--	--	--	--	--
MW-20	10/16/2023	--	--	--	--	--
MW-20	1/23/2024	--	--	--	--	--
MW-20	4/23/2024	--	--	--	--	--
MW-20	7/30/2024	--	--	--	--	--
MW-20	10/16/2024	--	--	--	--	--
MW-20	1/30/2025	--	--	--	--	--
MW-20	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-20	7/10/2025	NOP	NOP	NOP	NOP	NOP
MW-21	3/19/2013	13.4	6.79	6,590	1.40	216
MW-21	4/22/2014	14.9	7.04	6,629	1.00	94
MW-21	2/10/2015	15.8	7.08	6,389	0.78	17
MW-21	4/13/2016	14.6	7.15	6,934	1.56	147
MW-21	4/12/2017	15.1	7.00	6,447	1.70	190
MW-21	5/10/2017	13.7	6.70	6,186	2.10	161
MW-21	5/22/2018	16.4	7.39	6,307	3.20	184
MW-21	10/11/2018	16.9	7.04	6,324	2.90	156
MW-21	4/4/2019	14.1	7.05	6,210	10.4	189
MW-21	10/7/2019	18.2	7.07	6,239	7.60	-51

Table 11. Groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-21	4/7/2020	16.3	7.01	6,180	1.20	79
MW-21	12/7/2021	17.55	7.08	6,259	0.97	127.0
MW-21	3/23/2022	14.6	6.91	6,349	1.04	78.5
MW-21	1/24/2023	13.8	7.14	5,965	0.47	89.4
MW-21	4/24/2023	13.8	7.11	6,248	2.23	67.5
MW-21	7/12/2023	16.1	7.12	6,171	2.26	37.3
MW-21	10/16/2023	17.3	7.47	6,177	0.15	-3.3
MW-21	1/23/2024	14.7	7.00	6,125	2.17	-29.1
MW-21	4/23/2024	14.3	7.17	5,937	0.14	3.6
MW-21	7/25/2024	16.3	7.14	5,910	0.12	40.2
MW-21	10/16/2024	17.5	7.16	5,963	0.12	-8.5
MW-21	1/27/2025	15.2	7.03	6,101	0.54	126.1
MW-21	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-21	7/9/2025	16.5	7.08	6,135	0.16	24.8
MW-22	4/8/2019	16.6	7.41	4,120	8.70	98
MW-22	10/7/2019	16.9	7.32	4,262	15.2 [g]	-50
MW-22	4/7/2020	16.4	7.35	4,190	9.60	84
MW-22	10/20/2020	17.1	7.82	4,890	10.1	86
MW-22	12/13/2021	15.02	7.49	4,597	3.06	129.4
MW-22	3/25/2022	15.7	7.22	4,632	3.71	139.8
MW-22	1/24/2023	14.7	7.42	4,264	4.18	222.2
MW-22	4/24/2023	15.6	7.29	4,414	3.46	79.5
MW-22	7/12/2023	15.8	7.41	4,264	6.81	137.1
MW-22	10/16/2023	16.4	7.73	4,461	4.50	32.8
MW-22	1/23/2024	15.2	7.29	4,580	2.37	94.1
MW-22	4/23/2024	14.9	7.38	4,623	4.32	12.5
MW-22	7/24/2024	15.9	7.34	4,556	4.57	31.7
MW-22	10/16/2024	16.5	7.31	4,600	6.65	31.2
MW-22	1/27/2025	15.3	7.27	4,851	3.81	126.9
MW-22	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-22	7/9/2025	18.8	7.31	4,925	5.66	130.2
MW-22D 30-35'	12/13/2021	18.1	7.23	6,439	1.81	51.0
MW-22D 30-35'	3/25/2022	16.7	7.11	6,689	2.58	231.3
MW-22D 30-35'	1/27/2023	16.8	7.25	6,571	2.37	365.0
MW-22D 30-35'	4/25/2023	17.5	7.03	6,686	2.13	172.0
MW-22D 30-35'	7/12/2023	18.3	7.51	3,206	4.11	140.3
MW-22D 30-35'	10/17/2023	17.4	7.21	6,618	2.11	33.8
MW-22D 30-35'	1/24/2024	16.9	6.89	6,649	1.72	131.0
MW-22D 30-35'	4/24/2024	16.8	7.18	6,279	2.22	134.0
MW-22D 30-35'	7/25/2024	17.1	7.09	6,658	1.42	14.0
MW-22D 30-35'	10/18/2024	16.1	7.08	6,489	2.18	8.6
MW-22D 30-35'	1/29/2025	16.3	7.18	6,448	1.86	-30.1
MW-22D 30-35'	4/22/2025	15.3	7.18	6,545	3.38	268.6
MW-22D 30-35'	7/10/2025	17.0	7.22	6,431	3.39	46.9

Table 11. Groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-22D 35-40'	12/13/2021	16.7	7.33	6,088	1.90	30.3
MW-22D 35-40'	3/25/2022	16.5	7.08	6,065	0.95	209.4
MW-22D 35-40'	1/24/2023	16.3	7.11	6,082	1.62	122.8
MW-22D 35-40'	4/25/2023	17.4	6.99	6,070	1.87	48.0
MW-22D 35-40'	7/12/2023	17.6	7.16	5,728	3.04	115.1
MW-22D 35-40'	10/17/2023	17.5	7.64	3,295	6.56	15.0
MW-22D 35-40'	1/24/2024	17.0	6.94	5,739	1.85	127.0
MW-22D 35-40'	4/24/2024	16.7	7.32	5,484	3.56	133.0
MW-22D 35-40'	7/25/2024	17.1	7.33	5,700	1.92	7.1
MW-22D 35-40'	10/18/2024	15.9	7.29	5,674	2.49	-25.0
MW-22D 35-40'	1/29/2025	16.2	7.07	6,755	1.38	-29.3
MW-22D 35-40'	4/22/2025	15.5	7.24	5,913	2.18	264.8
MW-22D 35-40'	7/10/2025	17.3	7.26	5,618	1.82	159.7
MW-22D 41-46'	12/13/2021	16.0	7.24	6,848	2.34	53.1
MW-22D 41-46'	3/24/2022	17.6	6.87	6,933	2.24	158.0
MW-22D 41-46'	1/27/2023	16.0	7.15	4,671	2.67	224.0
MW-22D 41-46'	4/25/2023	17.3	6.83	6,792	0.94	-13.0
MW-22D 41-46'	7/12/2023	18.3	6.92	6,689	2.78	127.1
MW-22D 41-46'	10/17/2023	17.3	6.97	6,784	1.40	36.0
MW-22D 41-46'	1/24/2024	16.3	6.76	6,731	1.12	126.0
MW-22D 41-46'	4/23/2024	--	--	--	--	--
MW-22D 41-46'	7/25/2024	17.1	7.0	6474.0	1.2	7.0
MW-22D 41-46'	10/16/2024	18.1	7.0	6442.0	1.4	-9.0
MW-22D 41-46'	1/29/2025	16.2	7.07	6755	1.38	-29.3
MW-22D 41-46'	4/22/2025	15.1	7.14	6715	3.62	270.1
MW-22D 41-46'	7/10/2025	17.5	6.91	6456	1.55	391.0
MW-22D 48-53'	12/13/2021	16.6	7.16	7,033	1.77	101.6
MW-22D 48-53'	3/25/2022	16.5	6.87	7,055	2.59	211.0
MW-22D 48-53'	1/24/2023	15.9	7.04	6,979	2.18	206.0
MW-22D 48-53'	4/25/2023	17.9	6.89	7,056	2.38	141.0
MW-22D 48-53'	7/12/2023	18.1	7.10	6,985	3.92	86.1
MW-22D 48-53'	10/17/2023	16.9	6.89	7,012	2.49	25.0
MW-22D 48-53'	1/24/2024	16.3	6.74	6,991	2.23	135.0
MW-22D 48-53'	4/23/2024	--	--	--	--	--
MW-22D 48-53'	7/25/2024	17.1	6.97	7107	1.6	65.7
MW-22D 48-53'	10/18/2024	16.4	6.85	6969	2.3	-1.0
MW-22D 48-53'	1/29/2025	16.2	7.00	6982	1.80	-29.4
MW-22D 48-53'	4/22/2025	15.4	7.12	6951	2.84	242.8
MW-22D 48-53'	7/10/2025	17.2	6.91	7009	1.60	21.0
MW-22D 55-60'	12/13/2021	16.4	7.14	6,971	1.13	82.7
MW-22D 55-60'	3/24/2022	16.9	6.75	7,259	0.76	178.1
MW-22D 55-60'	1/27/2023	16.0	7.05	7,023	6.23	235.2
MW-22D 55-60'	4/25/2023	17.4	6.36	7,050	1.43	173.0
MW-22D 55-60'	7/12/2023	18.3	6.92	7,004	1.51	110.3

Table 11. Groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-22D 55-60'	10/17/2023	17.8	7.04	7,135	3.74	22.6
MW-22D 55-60'	1/24/2024	16.7	6.71	6,971	1.26	130.3
MW-22D 55-60'	4/24/2024	16.7	7.05	6,732	3.00	158.2
MW-22D 55-60'	7/25/2024	17.9	6.94	7,210	0.97	8.3
MW-22D 55-60'	10/18/2024	16.7	6.97	7,032	1.69	36.3
MW-22D 55-60'	1/29/2025	16.3	6.92	7,020	1.36	-32.4
MW-22D 55-60'	4/22/2025	15.5	7.04	7,016	3.11	226.4
MW-22D 55-60'	7/10/2025	17.2	6.91	7,074	0.93	49.0
MW-22D 72.5-75'	4/24/2023	--	--	--	--	--
MW-22D 72.5-75'	7/12/2023	--	--	--	--	--
MW-22D 72.5-75'	10/16/2023	--	--	--	--	--
MW-22D 72.5-75'	1/23/2024	--	--	--	--	--
MW-22D 72.5-75'	4/23/2024	--	--	--	--	--
MW-22D 72.5-75'	7/24/2024	--	--	--	--	--
MW-22D 72.5-75'	10/16/2024	--	--	--	--	--
MW-22D 72.5-75'	1/29/2025	--	--	--	--	--
MW-22D 72.5-75'	4/22/2025	--	--	--	--	--
MW-22D 72.5-75'	7/10/2025	--	--	--	--	--
MW-23	5/23/2018	17.9	7.53	6,894	2.70	163
MW-23	10/11/2018	17.7	6.98	6,447	4.20	118
MW-23	4/5/2019	17.5	7.31	6,700	3.80	144
MW-23	10/8/2019	18.2	7.37	6,684	5.60	-71
MW-23	4/7/2020	17.9	7.28	6,900	4.10	90
MW-23	10/21/2020	16.9	6.34	5,980	3.75	83
MW-23	7/22/2021	17.7	7.32	6,780	1.16	174
MW-23	8/23/2021	17.6	7.25	6,861	1.62	74.5
MW-23	10/7/2021	17.6	7.33	6,768	1.25	170.3
MW-23	12/8/2021	17.71	7.00	6,711	1.78	210.6
MW-23	3/25/2022	17.5	6.99	6,822	1.22	146.8
MW-23	1/24/2023	17.1	7.06	6,446	0.41	224.0
MW-23	4/24/2023	17.1	6.89	6,733	0.55	101.7
MW-23	7/12/2023	18.1	7.16	6,621	1.41	-7.8
MW-23	10/16/2023	18.2	7.32	6,625	0.39	-10.6
MW-23	1/23/2024	17.4	6.88	6,573	1.17	112.6
MW-23	4/23/2024	16.9	6.99	6,332	1.10	10.9
MW-23	7/24/2024	18.2	7.01	6,723	0.27	38.2
MW-23	10/16/2024	18.8	6.99	6,743	0.32	13.8
MW-23	1/28/2025	17.3	6.85	6,752	0.53	116.3
MW-23	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-23	7/9/2025	20.6	6.91	6,857	1.04	93.0
MW-23D 31-33.5'	12/9/2021	14.24	8.45	6,118	2.73	158.8
MW-23D 31-33.5'	3/24/2022	16.9	7.19	7,114	3.56	190.7
MW-23D 31-33.5'	1/24/2023	16.2	7.35	7,113	2.58	217.1
MW-23D 31-33.5'	4/24/2023	17.5	7.16	7,222	2.47	125.0

Table 11. Groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-23D 31-33.5'	7/13/2023	17.1	7.41	7,099	5.10	158.8
MW-23D 31-33.5'	10/16/2023	16.9	7.20	3,939	2.83	50.1
MW-23D 31-33.5'	1/23/2024	16.3	7.05	7,196	2.03	86.0
MW-23D 31-33.5'	4/23/2024	16.3	7.36	6,894	3.90	69.9
MW-23D 31-33.5'	7/24/2024	17.9	7.25	7,323	4.87	10.0
MW-23D 31-33.5'	10/16/2024	17.3	7.13	7,180	1.10	-16.0
MW-23D 31-33.5'	1/29/2025	15.2	7.25	7,046	2.91	-30.0
MW-23D 31-33.5'	4/21/2025	15.2	7.31	7,007	3.55	258.8
MW-23D 31-33.5'	7/10/2025	17.0	7.19	7,198	2.60	140.0
MW-23D 47-52'	12/9/2021	14.73	7.70	1,359	0.51	-90.5
MW-23D 47-52'	3/24/2022	16.3	7.49	4,483	0.23	-94.2
MW-23D 47-52'	1/24/2023	15.7	7.64	6,198	3.18	38.6
MW-23D 47-52'	4/24/2023	16.5	7.38	6,796	1.14	-7.0
MW-23D 47-52'	7/13/2023	--	--	--	--	--
MW-23D 47-52'	10/16/2023	--	--	--	--	--
MW-23D 47-52'	1/23/2024	16.1	7.3	5371.0	2.0	44.0
MW-23D 47-52'	4/23/2024	16.2	7.6	2279.0	2.7	-12.0
MW-23D 47-52'	7/24/2024	16.8	7.3	6630.0	2.9	9.0
MW-23D 47-52'	10/16/2024	16.6	7.2	6910.0	1.4	-23.0
MW-23D 47-52'	1/29/2025	15.2	7.29	6996	1.54	-31.0
MW-23D 47-52'	4/21/2025	14.9	7.37	6989	2.43	255.2
MW-23D 47-52'	7/9/2025	17.3	7.26	7153	1.70	-26.8
MW-23D 56.5-61.5'	12/9/2021	15.25	7.07	6,730	3.51	99.6
MW-23D 56.5-61.5'	3/24/2022	16.4	6.94	7,225	3.12	147.0
MW-23D 56.5-61.5'	1/24/2023	15.4	7.11	7,038	3.64	-13.3
MW-23D 56.5-61.5'	4/24/2023	17.0	7.03	7,129	2.76	135.0
MW-23D 56.5-61.5'	7/13/2023	17.5	7.10	7,090	3.77	171.2
MW-23D 56.5-61.5'	10/16/2023	13.8	7.93	0.50	9.33	-33.1
MW-23D 56.5-61.5'	1/23/2024	16.8	6.42	7,084	1.58	91.0
MW-23D 56.5-61.5'	4/23/2024	15.9	7.27	6,832	3.41	135.0
MW-23D 56.5-61.5'	7/24/2024	16.8	6.98	7,194	1.43	9.0
MW-23D 56.5-61.5'	10/16/2024	16.3	6.94	7,028	2.03	8.1
MW-23D 56.5-61.5'	1/29/2025	15.7	7.00	7,077	1.57	-30.0
MW-23D 56.5-61.5'	4/21/2025	14.7	7.16	7,074	3.62	258.8
MW-23D 56.5-61.5'	7/9/2025	17.1	7.06	7,124	1.76	-46.0
MW-23D 64-74'	4/24/2023	--	--	--	--	--
MW-23D 64-74'	7/12/2023	--	--	--	--	--
MW-23D 64-74'	10/16/2023	--	--	--	--	--
MW-23D 64-74'	1/23/2024	--	--	--	--	--
MW-23D 64-74'	4/23/2024	--	--	--	--	--
MW-23D 64-74'	7/24/2024	--	--	--	--	--
MW-23D 64-74'	10/16/2024	--	--	--	--	--
MW-23D 64-74'	1/27/2025	--	--	--	--	--
MW-23D 64-74'	4/21/2025	--	--	--	--	--

Table 11. Groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-23D 64-74'	7/9/2025	--	--	--	--	--
MW-24	5/23/2018	16.9	7.36	6,900	4.70	142
MW-24	10/11/2018	16.7	6.68	6,693	3.40	196
MW-24	4/5/2019	15.9	7.22	6,610	12.1	229
MW-24	10/7/2019	19.8	7.25	6,672	6.47	-51
MW-24	4/7/2020	18.7	7.15	6,450	2.96	127
MW-24	10/20/2020	15.7	6.91	7,120	1.75	-15
MW-24	4/24/2023	--	--	--	--	--
MW-24	7/12/2023	--	--	--	--	--
MW-24	10/16/2023	--	--	--	--	--
MW-24	1/23/2024	--	--	--	--	--
MW-24	4/23/2024	--	--	--	--	--
MW-24	7/30/2024	--	--	--	--	--
MW-24	10/16/2024	--	--	--	--	--
MW-24	1/30/2025	--	--	--	--	--
MW-24	4/21/2025	--	--	--	--	--
MW-24	7/9/2025	--	--	--	--	--
MW-25	5/24/2018	14.4	7.23	6,783	2.40	-313
MW-25	10/11/2018	16.8	7.11	6,825	3.20	67
MW-25	4/4/2019	12.8	6.95	6,740	40.5 [g]	213
MW-25	10/7/2019	17.6	7.01	6,210	7.50	-54
MW-25	4/7/2020	17.1	7.09	6,470	1.90	-46
MW-25	10/20/2020	15.8	7.33	7,020	2.30	-84
MW-25	12/7/2021	15.81	6.98	6,601	1.23	139.8
MW-25	3/24/2022	13.5	6.94	6,578	1.64	93.4
MW-25	1/26/2023	14.0	7.05	6,210	0.41	-32.0
MW-25	4/25/2023	13.1	6.96	6,317	0.91	133.2
MW-25	7/13/2023	16.7	7.07	5,779	1.31	-40.9
MW-25	10/17/2023	17.4	7.30	4,559	0.46	-196.7
MW-25	1/24/2024	14.2	6.87	6,110	0.74	75.0
MW-25	4/24/2024	20.1	6.97	5,965	1.30	11.5
MW-25	7/25/2024	17.1	6.76	4,940	3.93	12.1
MW-25	10/18/2024	16.6	6.99	5,739	0.26	16.7
MW-25	1/29/2025	14.5	6.92	6,185	0.80	115.7
MW-25	4/22/2025	13.2	6.97	5,549	0.60	234.2
MW-25	7/10/2025	19.0	6.99	6,444	0.45	-46.7
MW-26D	7/22/2021	17.5	7.05	7,203	1.53	211
MW-26D	8/23/2021	16.8	7.20	7,243	1.57	171.1
MW-26D	10/7/2021	16.0	7.36	7,239	3.46	206.6
MW-26D	12/8/2021	13.57	7.44	7,096	4.00	126.0
MW-26D	3/24/2022	14.5	7.18	7,384	2.79	177.2
MW-26D	1/24/2023	13.7	7.52	7,070	6.44	112.0
MW-26D	4/24/2023	15.3	7.19	7,113	3.34	7113.0
MW-26D	7/13/2023	17.1	7.30	6,210	3.50	130.6

Table 11. Groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-26D	10/16/2023	15.7	7.29	3,845	2.97	50.3
MW-26D	1/23/2024	15.2	7.03	7,022	1.83	34.4
MW-26D	4/23/2024	14.8	7.35	6,813	2.88	127.2
MW-26D	7/24/2024	16.6	7.18	7,247	3.28	8.7
MW-26D	10/16/2024	15.2	7.18	3,689	3.74	-13.9
MW-26D	1/27/2025	14.2	7.49	7,138	3.28	-45.6
MW-26D	4/21/2025	NOP	NOP	NOP	NOP	NOP
MW-26D	7/9/2025	15.8	7.22	7,133	1.52	-40.0
MW-27	12/6/2021	15.27	7.29	7,569	3.33	186.2
MW-27	3/22/2022	15.0	7.09	7,473	2.31	224.4
MW-27	1/24/2023	16.8	7.03	7,350	0.37	180.2
MW-27	4/24/2023	15.9	7.08	8,284	0.27	83.6
MW-27	7/12/2023	18.0	7.05	7,628	1.60	115.0
MW-27	10/16/2023	19.7	7.38	7,408	1.47	134.2
MW-27	1/23/2024	17.1	6.93	7,379	0.62	106.9
MW-27	4/23/2024	15.4	7.05	7,836	0.60	7.1
MW-27	7/24/2024	17.8	7.14	7,832	4.59	22.5
MW-27	10/16/2024	19.4	7.15	7,634	6.33	42.9
MW-27	1/27/2025	17.2	7.01	8,340	0.17	135.4
MW-27	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-27	7/9/2025	NOP	NOP	NOP	NOP	NOP
MW-28	1/24/2023	17.2	7.12	6,087	0.28	187.2
MW-28	4/24/2023	15.9	7.02	6,119	0.07	91.1
MW-28	7/12/2023	18.1	7.11	6,063	1.45	121.3
MW-28	10/16/2023	18.8	7.42	6,229	0.10	-11.0
MW-28	1/23/2024	17.3	6.97	6,010	1.09	106.6
MW-28	4/23/2024	15.8	7.11	5,925	0.12	10.7
MW-28	7/24/2024	17.7	7.04	6,125	0.06	38.2
MW-28	10/16/2024	18.7	7.08	6,402	0.83	12.0
MW-28	1/28/2025	16.7	6.98	6,300	0.16	116.7
MW-28	4/22/2025	NOP	NOP	NOP	NOP	NOP
MW-28	7/9/2025	21.7	7.01	6,648	0.14	73.6
MW-29	12/7/2021	17.98	7.13	6,527	1.08	120.9
MW-29	3/23/2022	15.7	6.94	6,526	1.14	163.0
MW-29	2/20/2023	--	--	--	--	--
MW-29	4/25/2023	14.8	7.05	6,341	0.50	134.7
MW-29	7/13/2023	16.8	7.19	3,012	1.34	32.7
MW-29	10/17/2023	19.4	7.43	6,185	0.19	-56.2
MW-29	1/24/2024	16.4	6.95	6,079	1.52	100.4
MW-29	4/24/2024	15.3	7.14	6,308	0.33	17.0
MW-29	7/25/2024	17.8	7.08	6,187	0.08	40.4
MW-29	10/18/2024	18.8	7.09	6,371	0.64	39.5
MW-29	1/29/2025	--	--	--	--	--
MW-29	4/21/2025	16.1	7.05	5,576	0.30	248.0

Table 11. Groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-29	7/10/2025	19.5	6.69	4,852	0.59	40.6
MW-30	12/7/2021	15.26	7.33	6,447	1.39	122.0
MW-30	3/23/2022	14.0	7.15	6,519	0.99	176.2
MW-30	1/26/2023	14.2	7.54	5,905	2.56	281.0
MW-30	4/25/2023	13.9	7.25	6,544	0.55	136.8
MW-30	7/13/2023	15.5	7.35	6,459	1.17	80.9
MW-30	10/17/2023	17.2	7.70	6,424	0.76	-69.4
MW-30	1/24/2024	15.1	7.18	6,335	1.14	107.3
MW-30	4/24/2024	14.5	7.32	6,423	0.40	16.0
MW-30	7/25/2024	15.9	7.28	6,512	0.18	37.1
MW-30	10/18/2024	16.8	7.29	6,632	0.75	51.6
MW-30	1/29/2025	15.2	7.22	6,645	0.67	112.5
MW-30	4/22/2025	14.5	7.25	5,762	0.81	241.8
MW-30	7/10/2025	18.0	7.22	6,734	0.16	59.9
MW-31	12/6/2021	12.50	7.10	6,933	1.34	112.7
MW-31	3/23/2022	13.2	6.97	6,374	2.42	163.6
MW-31	1/22/2023	14.5	7.04	7,455	2.45	334.9
MW-31	4/24/2023	13.8	6.94	8,025	1.60	101.9
MW-31	7/13/2023	15.8	7.02	6,731	1.18	98.6
MW-31	10/17/2023	17.5	7.42	7,237	0.73	41.5
MW-31	1/23/2024	15.3	6.90	7,250	1.49	111.7
MW-31	4/23/2024	14.2	7.02	7,617	1.58	8.6
MW-31	7/24/2024	16.8	6.93	7,202	1.72	41.9
MW-31	10/16/2024	18.1	7.02	7,025	0.05	11.1
MW-31	1/28/2025	14.5	6.96	7,193	1.15	116.8
MW-31	4/21/2025	14.8	7.01	6,195	1.39	238.4
MW-31	7/9/2025	20.7	7.04	7,028	0.49	80.6
MW-32	12/7/2021	16.85	7.23	6,251	3.74	119.8
MW-32	3/23/2022	14.4	7.18	6,107	4.24	205.5
MW-32	1/24/2023	14.9	7.29	4,171	0.48	197.9
MW-32	4/24/2023	14.3	7.16	3,582	0.12	61.9
MW-32	7/12/2023	18.1	7.28	3,311	0.88	-190.0
MW-32	10/16/2023	19.6	7.54	4,961	0.54	-26.2
MW-32	1/23/2024	15.7	7.10	5,614	1.56	109.9
MW-32	4/23/2024	14.9	7.21	5,617	0.89	8.1
MW-32	7/24/2024	18.1	7.13	5,819	0.27	46.5
MW-32	10/16/2024	20.1	7.15	6,013	0.56	7.2
MW-32	1/28/2025	15.7	7.10	6,093	1.85	120.7
MW-32	7/21/2025	15.5	7.16	5,300	1.06	232.7
MW-32						
MW-33	12/7/2021	16.90	7.27	5,315	2.48	122.0
MW-33	3/23/2022	14.0	7.21	5,117	4.35	160.3
MW-33	1/26/2023	14.9	7.35	4,300	2.90	283.0

Table 11. Groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-33	4/25/2023	13.7	7.27	4,485	2.94	126.1
MW-33	7/13/2023	16.2	7.31	6,448	0.18	72.3
MW-33	10/17/2023	19.0	7.61	5,215	1.80	57.8
MW-33	1/24/2024	15.6	7.13	5,533	1.02	102.7
MW-33	4/23/2024	15.1	7.38	6,464	0.65	9.2
MW-33	7/24/2024	17.8	7.22	5,056	0.85	49.9
MW-33	10/16/2024	19.8	7.21	5,824	0.72	0.8
MW-33	1/28/2025	15.8	7.19	6,697	0.13	114.8
MW-33	4/21/2025	15.6	7.34	5,970	0.15	236.9
MW-33	7/9/2025	18.6	7.35	6,962	0.18	61.4
MW-34	12/7/2021	16.61	7.02	5,399	1.11	88.0
MW-34	3/23/2022	15.1	6.82	5,514	1.11	171.3
MW-34	1/26/2023	12.2	7.09	4,955	0.29	299.0
MW-34	4/25/2023	14.5	6.95	4,936	0.11	131.1
MW-34	7/13/2023	16.4	7.05	4,683	1.08	55.4
MW-34	10/17/2023	17.0	7.38	4,942	0.34	42.3
MW-34	1/24/2024	15.7	6.89	4,959	1.19	107.7
MW-34	4/23/2024	15.0	6.98	4,973	0.21	8.7
MW-34	7/25/2024	16.2	6.98	4,886	0.12	37.8
MW-34	10/16/2024	17.3	7.00	5,009	0.46	-1.8
MW-34	1/29/2025	15.7	6.94	5,175	1.22	109.3
MW-34	4/22/025	INA	INA	INA	INA	INA
MW-34	7/10/2025	INA	INA	INA	INA	INA
MW-35	12/7/2021	16.78	7.09	5,672	1.67	100.1
MW-35	3/23/2022	15.1	6.90	5,421	1.70	143.8
MW-35	1/26/2023	14.9	7.12	5,243	3.04	115.3
MW-35	4/25/2023	14.5	7.01	5,359	1.93	130.5
MW-35	7/13/2023	16.8	7.18	3,954	5.18	82.7
MW-35	10/17/2023	18.9	7.45	3,173	2.61	14.3
MW-35	1/24/2024	15.7	6.87	5,046	3.50	123.6
MW-35	4/24/2024	14.8	7.10	3,973	4.42	20.2
MW-35	7/25/2024	17.1	7.02	4,222	3.97	39.3
MW-35	10/18/2024	18.1	7.18	3,473	4.23	54.9
MW-35	1/28/2025	15.4	6.98	5,193	2.19	117.5
MW-35	4/21/2025	16.3	7.14	4,547	4.60	259.5
MW-35	7/10/205	19.2	7.14	3,278	3.21	71.1
MW-37	4/22/2025	14.5	7.09	6,007	2.08	251.40
MW-37	7/10/2025	19.1	7.04	7,072	1.65	35.7
MW-39	1/29/2025	12.8	7.43	4,473	8.12	102.2
MW-39	4/22/2025	14.1	7.71	3,717	5.61	231.3
MW-39	7/10/2025	16.1	7.55	4,659	4.45	180.3
MW-40	1/27/2025	14.0	7.28	3,508	5.64	126.9
MW-40	4/21/2025	14.1	7.32	3,116	3.11	210.6
MW-40	7/10/2025	16.5	7.26	3,995	1.66	70.4

Table 11. Groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
MW-41	1/27/2025	15.2	7.21	6,350	3.49	130.3
MW-41	4/21/2025	15.1	7.25	5,617	1.29	217.2
MW-41	7/10/2025	16.3	7.24	6,457	0.44	68.8
MW-42	1/27/2025	16.5	7.36	4,789	6.57	125.1
MW-42	4/21/2025	16.4	7.30	4,069	4.47	234.0
MW-42	7/10/2025	20.8	7.34	5,781	2.34	59.0
MW-43	1/27/2025	15.4	7.30	5,878	3.37	121.7
MW-43	4/21/2025	15.7	7.32	5,193	4.09	232.5
MW-43	7/9/2025	19.9	7.27	6,020	1.95	66.8
MW-44	1/27/2025	14.8	7.40	5,762	6.63	118.8
MW-44	4/21/2025	15.5	7.53	4,819	4.83	23.9
MW-44	7/9/2025	19.4	7.39	6,311	1.87	97.4
MW-45 40-45'	1/28/2025	15.3	7.59	5,927	2.77	-52.8
MW-45 40-45'	4/21/2025	14.8	7.34	5,967	2.91	241.3
MW-45 40-45'	7/9/2025	17.2	7.19	5,999	1.86	-82.6
MW-45 48-53'	1/28/2025	15.5	8.16	5,153	2.45	-30.1
MW-45 48-53'	4/21/2025	14.5	7.26	6,317	2.33	244.6
MW-45 48-53'	7/9/2025	17.3	7.06	6,501	1.21	-80.0
MW-45 55-60'	1/28/2025	15.4	7.37	5,151	2.21	-27.9
MW-45 55-60'	4/21/2025	14.6	7.16	6,341	2.09	240.8
MW-45 55-60'	7/9/2025	16.6	7.09	6,265	1.60	-90.0
MW-46 40-45'	1/28/2025	15.5	7.36	6,067	3.62	-37.2
MW-46 40-45'	4/21/2025	14.6	7.19	6,764	2.18	249.8
MW-46 40-45'	7/9/2025	16.6	7.09	6,939	1.74	-41.0
MW-46 48-53'	1/28/2025	15.5	7.02	7,109	2.68	-5.3
MW-46 48-53'	4/21/2025	14.3	7.03	7,103	2.41	244.0
MW-46 48-53'	7/9/2025	16.5	6.95	7,230	2.29	-41.9
MW-46 55-60'	1/28/2025	15.3	6.93	7,073	1.03	-34.0
MW-46 55-60'	4/21/2025	14.5	6.77	7,421	1.34	242.0
MW-46 55-60'	7/9/2025	16.3	6.54	7,493	1.15	-58.0
MW-47 40-45'	1/28/2025	16.0	7.43	6,580	6.11	-43.0
MW-47 40-45'	4/21/2025	15.3	7.10	6,860	2.84	251.3
MW-47 40-45'	7/9/2025	17.4	7.02	7,003	3.34	-24.5
MW-47 48-53'	1/28/2025	16.8	7.04	7,304	1.55	-31.0
MW-47 48-53'	4/21/2025	15.2	7.12	7,244	2.54	253.5
MW-47 48-53'	7/9/2025	17.4	7.05	7,236	2.22	-58.0
MW-47 55-60'	1/28/2025	--	--	--	--	--
MW-47 55-60'	4/21/2025	15.4	7.36	7,486	2.44	245.6
MW-47 55-60'	7/9/2025	17.0	7.04	7,701	1.28	-68.0
8946-2	1/30/2025	14.4	7.33	4,675	5.73	109.2
8946-2	4/22/2025	15.7	7.44	3,115	5.08	249.8
8946-2	7/9/2025	16.5	7.45	2,470	4.78	91.9
8946-6	1/30/2025	15.2	7.35	4,784	2.95	110.3
8946-6	4/22/2025	16.2	7.39	4,334	2.72	252.9

Table 11. Groundwater parameters.

Well ID	Date of Sample Collection	Temperature (°C)[a]	pH	Specific Conductance (µS/cm)[b]	Dissolved Oxygen (mg/L)[c]	ORPd (mV)[e]
8946-6	7/9/2025	16.8	7.61	4,392	2.24	63.2

[a] °C = degrees Celsius

[b] µS/cm = microsiemens per centimeter

[c] mg/L = milligrams per liter

[d] ORP = oxidation-reduction potential

[e] mV = millivolts

[f] a dash (--) indicates that a parameter was not measured

[g] Values with DO concentrations above 15 mg/L are highlighted and are not believed to be representative.

Table 12. Historical groundwater sample results.

Table 12. Groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17[n]*	*5[n]*	*70[n]*	*140[n]*	*7[n]*	*2[n]*	*250[o]*
		Sample Date							
MW-01	Freedom	3/21/2006	ND	ND	ND	NR	NR	NR	--
MW-01	Freedom	6/28/2006	ND	ND	ND	NR	NR	NR	--
MW-01	Freedom	10/12/2006	ND	ND	ND	NR	NR	NR	--
MW-01	Freedom	1/20/2007	ND	ND	ND	NR	NR	NR	--
MW-01	Freedom	4/20/2007	ND	ND	ND	NR	NR	NR	--
MW-01	Freedom	7/17/2007	ND	ND	ND	NR	NR	NR	--
MW-01	Freedom	6/13/2008	ND	ND	ND	NR	NR	NR	--
MW-01	Freedom	10/3/2008	ND	ND	ND	NR	NR	NR	--
MW-01	LTE[d]	3/31/2009	5.8 j	<1.0l	<1.0	<1.0	<1.0	<2.0	--
MW-01	LTE	6/30/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-01	LTE	10/14/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-01	LTE	12/15/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-01	LTE	3/31/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-01	Quantum	12/6/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-01	Quantum	3/23/2022	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-01	ERO	1/23/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-01	ERO	4/25/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-01	ERO	7/14/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-01	ERO	10/16/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-01	ERO	1/23/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-01	ERO	4/23/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-01	ERO	7/24/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-01	ERO	10/16/2024	<0.300	<0.190	<0.126	<0.149	<0.188 J3	<0.234 J3	
MW-01	ERO	1/27/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-02	Freedom	10/15/2005	**68**	ND	ND	NR	NR	NR	--
MW-02	Freedom	3/22/2006	**48**	ND	ND	NR	NR	NR	--
MW-02	Freedom	6/28/2006	**86**	ND	ND	NR	NR	NR	--
MW-02	Freedom	10/12/2006	**280**	**6.0**	ND	NR	NR	NR	--
MW-02	Freedom	1/20/2007	**160**	ND	ND	NR	NR	NR	--
MW-02	Freedom	4/20/2007	**96**	ND	ND	NR	NR	NR	--
MW-02	Freedom	7/17/2007	**310**	ND	ND	NR	NR	NR	--
MW-02	Freedom	6/13/2008	**180**	ND	ND	NR	NR	NR	--
MW-02	Freedom	10/3/2008	**468**	ND	ND	NR	NR	NR	--
MW-02	LTE	3/30/2009	**380**	1.1	<1.0	<1.0	<1.0	<2.0	--
MW-02	LTE	6/30/2009	**1,700**	4.0	6.2	<1.0	<1.0	<2.0	--
MW-02	LTE	10/14/2009	**2,000**	3.9	6.7	<1.0	<1.0	<1.0	--
MW-02	LTE	12/15/2009	**1,100**	2.4	3.2	<1.0	<1.0	<1.0	--
MW-02	LTE	3/31/2010	**1,800**	**5.3**	8.8	<1.0	<1.0	<1.0	--
MW-02	LTE	2/10/2015	**1,650**	3.1	4.5	<1.0	<1.0	<1.0	--
MW-02	LTE	9/6/2016	**466**	<5.0	<5.0	<5.0	<5.0	<5.0	--
MW-02	Quantum	12/9/2021	**1,700**	3.9	4.7	<1.0	<1.0	<1.0	--
MW-02	Quantum	3/28/2022	**1,000**	2.0	<1.0	<1.0	<1.0	<1.0	--
MW-02	ERO	1/26/2023	**890**	4.5	4.7	<0.149	<0.188	<0.234	--
MW-02	ERO	4/25/2023	**549**	2.81	3.2	<0.149	<0.188	<0.234	--
MW-02	ERO	7/13/2023	**391**	<3.80	<2.52	<2.98	<3.76	<4.68	--
MW-02	ERO	10/17/2023	**349**	<3.80	<2.52	<2.98	<3.76	<4.68	--
MW-02	ERO	1/24/2024	**789**	3.75 J	3.93 J	<7.45	<9.40	<11.7	--
MW-02	ERO	4/24/2024	**752**	3.51 J	3.25 J	<0.745	<0.940	<1.17	--
MW-02	ERO	7/25/2024	**333**	2.15 J3	2.77 J3	<0.149 J3	<0.188 J3	<0.234 J3	--
MW-02	ERO	10/18/2024	**320**	<3.80	<2.52	<2.98	<3.76	<4.68	--
MW-02	ERO	1/29/2025	**242**	2.28	2.95	<0.149	<0.188	<0.234 C3	--
MW-02	ERO	4/22/2025	**730**	4.70	5.65	<0.149	<0.188	<0.234	--
MW-02	ERO	7/10/2025	**354**	<1.90	<1.26	<1.49	<1.88	<2.34	--
MW-03	Freedom	10/15/2005	ND	ND	ND	NR	NR	NR	--
MW-03	Freedom	3/21/2006	ND	ND	ND	NR	NR	NR	--
MW-03	Freedom	6/28/2006	ND	ND	ND	NR	NR	NR	--
MW-03	Freedom	10/12/2006	ND	ND	ND	NR	NR	NR	--
MW-03	Freedom	1/20/2007	ND	ND	ND	NR	NR	NR	--
MW-03	Freedom	4/20/2007	ND	ND	ND	NR	NR	NR	--
MW-03	Freedom	7/17/2007	ND	ND	ND	NR	NR	NR	--
MW-03	Freedom	6/13/2008	ND	ND	ND	NR	NR	NR	--
MW-03	Freedom	10/3/2008	3.6	ND	ND	NR	NR	NR	--
MW-03	LTE	3/31/2009	4.2	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-03	LTE	6/30/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-03	LTE	12/15/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-03	Quantum	12/8/2021	**21**	<1.0	<1.0	<1.0	<1.0	<1.0	--

Table 12. Groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17[n]*	*5[n]*	*70[n]*	*140[n]*	*7[n]*	*2[n]*	*250[o]*
		Sample Date							
MW-03	Quantum	3/22/2022	8.5	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-03	ERO	1/24/2023	16.0	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-03	ERO	4/24/2023	13.5	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-03	ERO	7/13/2023	**17.7**	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-03	ERO	10/16/2023	**18.2**	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-03	ERO	1/24/2024	12.8	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-03	ERO	4/23/2024	**28**	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-03	ERO	7/24/2024	**19.9**	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-03	ERO	10/18/2024	**28.9**	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-03	ERO	1/28/2025	**16.2**	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-03	ERO	4/21/2025	14.6	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-03	ERO	7/9/2025	14.6	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-04	Freedom	10/15/2005	11	ND	ND	NR	NR	NR	--
MW-04	Freedom	3/21/2006	12	ND	ND	NR	NR	NR	--
MW-04	Freedom	6/28/2006	5.9	ND	ND	NR	NR	NR	--
MW-04	Freedom	10/12/2006	**45**	ND	ND	NR	NR	NR	--
MW-04	Freedom	1/20/2007	**43**	ND	ND	NR	NR	NR	--
MW-04	Freedom	4/20/2007	**35**	1.4	ND	NR	NR	NR	--
MW-04	Freedom	7/17/2007	**160**	5	ND	NR	NR	NR	--
MW-04	Freedom	6/13/2008	**17**	ND	ND	NR	NR	NR	--
MW-04	Freedom	10/3/2008	**179**	**5.8**	ND	NR	NR	NR	--
MW-04	LTE	3/31/2009	**32**	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-04	LTE	6/30/2009	16	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-04	LTE	10/14/2009	**20**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-04	LTE	12/15/2009	**24**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-04	LTE	3/31/2010	**18**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-04	Quantum	12/8/2021	**61**	2.2	<1.0	<1.0	<1.0	<1.0	--
MW-04	Quantum	3/22/2022	**28**	**5.1**	<1.0	<1.0	<1.0	<1.0	--
MW-04	ERO	1/24/2023	**31**	2.5	0.293 J	<0.149	<0.188	<0.234	--
MW-04	ERO	4/24/2023	**29**	2.08	0.144 J	<0.149	<0.188	<0.234	--
MW-04	ERO	7/13/2023	**42.5**	2.15	<0.126	<0.149	<0.188	<0.234	--
MW-04	ERO	10/16/2023	**67.8**	2.74	<0.126	<0.149	<0.188	<0.234	--
MW-04	ERO	1/24/2024	**85.9**	2.8	<0.126	<0.149	<0.188	<0.234	--
MW-04	ERO	4/24/2024	**98.4**	2.48	<0.126	<0.149	<0.188	<0.234	--
MW-04	ERO	7/24/2024	**122**	2.67	<0.126	<0.149	<0.188	<0.234	--
MW-04	ERO	10/18/2024	**129**	3.04	<0.126	<0.149	<0.188	<0.234	--
MW-04	ERO	1/28/2025	**164**	2.99	<0.126	<0.149	<0.188	<0.234	--
MW-04	ERO	4/21/2025	**161**	3.2	<0.126	<0.149	<0.188	<0.234	--
MW-04	ERO	7/10/2025	**146**	2.3 J	<0.126	<0.149	<0.188	<0.234 J4	--
MW-05	Freedom	10/15/2005	ND	ND	ND	NR	NR	NR	--
MW-05	Freedom	3/22/2006	ND	ND	ND	NR	NR	NR	--
MW-05	Freedom	6/28/2006	ND	ND	ND	NR	NR	NR	--
MW-05	Freedom	10/12/2006	ND	ND	ND	NR	NR	NR	--
MW-05	Freedom	1/20/2007	ND	ND	ND	NR	NR	NR	--
MW-05	Freedom	4/20/2007	ND	ND	ND	NR	NR	NR	--
MW-05	Freedom	7/17/2007	ND	ND	ND	NR	NR	NR	--
MW-05	Freedom	6/13/2008	ND	ND	ND	NR	NR	NR	--
MW-05	Freedom	10/3/2008	ND	ND	ND	NR	NR	NR	--
MW-05	LTE	3/30/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-05	LTE	6/30/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-05	LTE	12/15/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-05	LTE	2/10/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-05	Quantum	12/9/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-05	Quantum	3/28/2022	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-05	ERO	2/20/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	
MW-05	ERO	4/24/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-05	ERO	7/14/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-05	ERO	10/17/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-05	ERO	1/23/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-05	ERO	4/23/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-05	ERO	7/24/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-05	ERO	10/16/2024	<0.300	<0.190	<0.126	<0.149	<0.188 J3	<0.234 J3	--
MW-05	ERO	1/27/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-06	Freedom	10/15/2005	**3,900**	**40**	**96**	NR	NR	NR	--
MW-06	Freedom	3/22/2006	**5,100**	**29**	**97**	NR	NR	NR	--
MW-06	Freedom	6/28/2006	**6,700**	**39**	**88**	NR	NR	NR	--

Table 12. Groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17[n]*	*5[n]*	*70[n]*	*140[n]*	*7[n]*	*2[n]*	*250[o]*
		Sample Date							
MW-06	Freedom	10/12/2006	**16,000**	**78**	**200**	NR	NR	NR	--
MW-06	Freedom	1/20/2007	**15,000**	**68**	**150**	NR	NR	NR	--
MW-06	Freedom	2/21/2007	**14,814**	**57**	**79**	<100	<100	<100	--
MW-06	Freedom	2/28/2007	**32**	<10	6.7	<10	<10	<10	--
MW-06	Freedom	3/8/2007	4.4	<1.0	1.9	<1.0	<1.0	<1.0	--
MW-06	Freedom	3/26/2007	**66**	1.5	3.5	<1.0	<1.0	<1.0	--
MW-06	Freedom	4/9/2007	**37**	0.8	2.4	<1.0	<1.0	<1.0	--
MW-06	Freedom	4/20/2007	**190**	3.3	ND	NR	NR	NR	--
MW-06	Freedom	7/17/2007	**3,000**	**22**	38	NR	NR	NR	--
MW-06	Freedom	6/13/2008	**3,600**	**15**	39	NR	NR	NR	--
MW-06	Freedom	8/15/2008	**3,773**	**13**	35	<0.5	<0.5	<0.5	--
MW-06	Freedom	10/3/2008	**15,800**	**110**	**279**	NR	NR	NR	--
MW-06	LTE	3/30/2009	**2,600**	**13**	38	1.8	<1.0	<2.0	--
MW-06	LTE	6/30/2009	**2,300**	**13**	45	<1.0	<1.0	<2.0	--
MW-06	LTE	10/14/2009	**19,000**	**59**	**160**	<1.0	<1.0	<1.0	--
MW-06	LTE	12/15/2009	**2,300**	**15**	62	<1.0	<1.0	<1.0	--
MW-06	LTE	3/31/2010	**4,000**	**29**	**91**	<1.0	<1.0	<1.0	--
MW-06	LTE	3/21/2013	**5,750**	<10	**139**	<10	<10	<10	--
MW-06	LTE	2/10/2015	**2,530**	**13**	35	<1.0	<1.0	<1.0	--
MW-06	LTE	10/7/2015	**1,640**	**12**	35	<1.0	<1.0	<1.0	--
MW-06	LTE	5/4/2016	**2,160**	**24**	59	<1.0	<1.0	<1.0	--
MW-06	LTE	10/13/2016	**2,060**	**40**	**789**	<1.0	<1.0	<1.0	--
MW-06	LTE	4/11/2017	**4,190**	**62**	**93**	<1.0	<1.0	<1.0	--
MW-06	LTE	10/25/2017	**5,020**	**58**	**108**	<1.0	1.1	**13**	--
MW-06	LTE	5/24/2018	**3,890**	**50**	**96**	<1.0	1.7	**5.2**	--
MW-06	R3e	10/12/2018	**6,300**	**59**	**100**	<1.0	<1.0	**11**	--
MW-06	RETTEWf	2/28/2019	**3,580**	**54**	85.5	<1.00	1.26	**4.03**	--
MW-06	R3	4/8/2019	**5,100**	**44**	<1.0	<1.0	<1.0	<1.0	--
MW-06	R3	10/8/2019	**4,600**	**38**	61	<1.0	<1.0	<1.0	--
MW-06	R3	4/6/2020	**4,300**	**35**	64	<1.0	<1.0	<1.0	--
MW-06	R3	10/21/2020	**3,000**	**28**	57	<1.0	<1.0	**4.1**	--
MW-06	Quantum	12/13/2021	**2,800**	**28**	62	<1.0	<1.0	**23**	--
MW-06	Quantum	3/28/2022	**5,200**	**20**	26	<1.0	<1.0	<1.0	--
MW-06	ERO	1/26/2023	**3,180**	**30**	55	0.179 J	0.865 J	**2.7**	--
MW-06	ERO	4/25/2023	**2,950**	**25**	37.4	0.17 J	0.835 J	**2.65**	--
MW-06	ERO	7/13/2023	**3,220**	<38.0	<25.2	<29.8	<37.6	<46.8	--
MW-06	ERO	10/17/2023	**2,090**	**18.8 J**	36	<2.98	<3.76	**5.53 J**	--
MW-06	ERO	1/24/2024	**2,300**	**21.4**	42.7	<2.98	<3.76	<4.68	--
MW-06	ERO	4/24/2024	**2,890**	**18.1 J**	35.1	<2.98	<3.76	<4.68	--
MW-06	ERO	7/25/2024	**2,060**	**20.6**	41.7	<0.149	0.669 J	**3.41**	--
MW-06	ERO	7/25/2024	**2,070**	**20.6**	41.8	0.192 J	0.752 J	**3.41**	--
MW-06	ERO	10/18/2024	**2,190**	**<19.0**	40.2 J	<14.9	**<18.8**	<23.4	--
MW-06	ERO	1/29/2025	**2,390**	19.8	38.9	0.201J	0.595J	2 C3	--
MW-06	ERO	4/22/2025	**2,490**	24.9	49.5	0.171 J	0.884 J	2.67	--
MW-06	ERO	7/10/2025	**2,520**	20.6 J	40.3 J	<7.45	<9.40	<11.7	--
MW-06 DUP	ERO	10/18/2024	**2,240**	**<19.0**	27.1 J	<14.9	**<18.8**	<23.4	--
MW-06 DUP	ERO	1/29/2025	**2,340**	20.1	39.3	0.24 J	0.65 J	2.05 C3	--
MW-06 DUP	ERO	4/22/2025	**2,340**	24.4	48.8	<0.149	0.68 J	2.67	--
MW-06 DUP	ERO	7/10/2025	**2,530**	20.6	36.9	<0.149	0.739 J	2.84 C5	--
MW-08	Freedom	10/15/2005	ND	ND	ND	NR	NR	NR	--
MW-08	Freedom	3/21/2006	ND	ND	ND	NR	NR	NR	--
MW-08	Freedom	6/28/2006	ND	ND	ND	NR	NR	NR	--
MW-08	Freedom	10/12/2006	ND	ND	ND	NR	NR	NR	--
MW-08	Freedom	1/20/2007	ND	ND	ND	NR	NR	NR	--
MW-08	Freedom	4/20/2007	ND	ND	ND	NR	NR	NR	--
MW-08	Freedom	7/17/2007	ND	ND	ND	NR	NR	NR	--
MW-08	Freedom	6/13/2008	ND	ND	ND	NR	NR	NR	--
MW-08	Freedom	10/3/2008	ND	ND	ND	NR	NR	NR	--
MW-08	LTE	3/31/2009	2.9	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-08	LTE	6/30/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-08	LTE	12/15/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-08	Quantum	12/6/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-08	Quantum	3/22/2022	2.3	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-08	ERO	1/24/2023	2.9	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-08	ERO	4/24/2023	0.98 J	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-08	ERO	7/12/2023	5.78	<0.190	<0.126	<0.149	<0.188	<0.234	--

Table 12. Groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17[n]*	*5[n]*	*70[n]*	*140[n]*	*7[n]*	*2[n]*	*250[o]*
		Sample Date							
MW-08	ERO	10/16/2023	0.96 J	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-08	ERO	1/23/2024	1.12 J	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-08	ERO	4/23/2024	2.9	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-08	ERO	7/24/2024	1.6	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-08	ERO	10/16/2024	1.98	<0.190	<0.126	<0.149	<0.188 J3	<0.234 J3	--
MW-08	ERO	1/28/2025	3.17	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-08	ERO	7/9/2025	1.67	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-09	Freedom	3/22/2006	**3,300**	**7.5**	24	NR	NR	NR	--
MW-09	Freedom	6/28/2006	**4,800**	**13**	16	NR	NR	NR	--
MW-09	Freedom	10/12/2006	**15,000**	**15**	12	NR	NR	NR	--
MW-09	Freedom	1/20/2007	**6,500**	**14**	21	NR	NR	NR	--
MW-09	Freedom	2/21/2007	**20,096**	**75**	**127**	<100	<100	<100	--
MW-09	Freedom	2/26/2007	**17,932**	**106**	**136**	<100	<100	<100	--
MW-09	Freedom	2/28/2007	**9,714**	**52**	**133**	<100	<100	<100	--
MW-09	Freedom	3/8/2007	**15,085**	**54**	**128**	<100	<100	<100	--
MW-09	Freedom	3/26/2007	**18,034**	**63**	**130**	<100	<100	**105**	--
MW-09	Freedom	4/9/2007	**16,530**	**58**	**128**	<100	<100	<100	--
MW-09	Freedom	4/20/2007	**10,000**	**34**	**100**	NR	NR	NR	--
MW-09	Freedom	7/17/2007	**6,500**	**27**	60	NR	NR	NR	--
MW-09	Freedom	6/13/2008	**20,000**	**15**	20	NR	NR	NR	--
MW-09	Freedom	8/15/2008	**12,521**	<50	61	<50	<50	<50	--
MW-09	Freedom	10/3/2008	**20,100**	**12**	17.6	NR	NR	NR	--
MW-09	LTE	3/30/2009	**5,900**	**10**	12	<1.0	<1.0	<2.0	--
MW-09	LTE	6/30/2009	**11,000**	**40**	**110**	<1.0	<1.0	<2.0	--
MW-09	LTE	10/14/2009	**2,000**	**12**	61	<1.0	<1.0	<1.0	--
MW-09	LTE	12/15/2009	**13,000**	**31**	**71**	<1.0	<1.0	<1.0	--
MW-09	LTE	3/31/2010	**15,000**	**49**	**130**	1.2	1.2	<1.0	--
MW-09	LTE	3/21/2013	**21,700**	<50	**77**	<50	<50	<50	--
MW-09	LTE	2/10/2015	**11,200**	**10**	7.5	<1.0	<1.0	<1.0	--
MW-09	LTE	10/7/2015	**20,600**	**67**	**104**	<1.0	<1.0	<1.0	--
MW-09	LTE	5/4/2016	**6,550**	**54**	**133**	<1.0	<1.0	1.1	--
MW-09	LTE	10/13/2016	**6,620**	**64**	**114**	<1.0	<1.0	<1.0	--
MW-09	LTE	4/11/2017	**11,000**	**77**	**97**	<1.0	<1.0	<1.0	--
MW-09	LTE	10/24/2017	**9,690**	**82**	**159**	<1.0	1.9	12	--
MW-09	LTE	5/24/2018	**9,820**	**65**	**125**	1.4	2.1	5	--
MW-09	R3	10/12/2018	**13,000**	**81**	**170**	<1.0	<1.0	9.1	--
MW-09	R3	4/8/2019	**11,000**	**57**	**110**	<1.0	<1.0	<1.0	--
MW-09	R3	10/8/2019	**13,000**	**48**	**71**	<1.0	<1.0	<1.0	--
MW-09	R3	4/6/2020	**11,900**	**41**	65	<1.0	<1.0	<1.0	--
MW-09	R3	10/21/2020	**190**	9.5	5.8	<1.0	<1.0	<1.0	--
MW-09	Quantum	12/9/2021	**19,000**	**100**	**150**	1.1	3.8	**7.4**	--
MW-09	Quantum	3/28/2022	**12,000**	**50**	**78**	<1.0	<1.0	**1.8**	--
MW-09	ERO	1/26/2023	**4,760**	**63**	**109**	<1.49	<1.88	**3.79 J**	--
MW-09	ERO	4/25/2023	**7,430**	**51.3**	**74.8**	0.36 J	1.71	**3.68**	--
MW-09	ERO	7/13/2023	**14,200**	<38.0	50.7 J	<29.8	<37.6	<46.8	--
MW-09	ERO	10/17/2023	**3,350**	<38.0	<25.2	<29.8	<37.6	<46.8	--
MW-09	ERO	1/24/2024	**8,360**	**42.7 J**	47 J	<14.9	<18.8	<23.4	--
MW-09	ERO	4/24/2024	**10,200**	<19.0	21.3 J	<14.9	<18.8	<23.4	--
MW-09 DUP	ERO	1/26/2023	**8,340**	**42**	66	<1.49	<1.88	<2.34	--
MW-09 DUP	ERO	4/25/2023	**7,150**	**57.1**	**85.4**	0.491 J	1.84	**4.15**	--
MW-09 DUP	ERO	7/13/2023	**13,800**	<38.0	<25.2	<29.8	<37.6	<46.8	--
MW-09 DUP	ERO	10/17/2023	**3,580**	<38.0	37.6 J	<29.8	<37.6	<46.8	--
MW-09 DUP	ERO	1/24/2024	**7,130**	<38.0	<25.2	<29.8	<37.6	<46.8	--
MW-09 DUP	ERO	4/24/2024	**8,970**	<19.0	20.3 J	<14.9	<18.8	<23.4	--
MW-09	ERO	7/25/2024	NA	NA	NA	NA	NA	NA	--
MW-09	ERO	1/30/2025	**1,990**	**20**	46.4	0.404 J	0.407 J	0.575 C3 J	--
MW-09	ERO	4/22/2025	**6,190**	**63.8**	**276**	1.74	1.41	2.29	--
MW-09	ERO	7/10/2025	**6,620**	**78.1**	**191**	<7.45	<9.40	<11.7	--
MW-10	Freedom	3/21/2006	2.6	ND	ND	NR	NR	NR	--
MW-10	Freedom	6/28/2006	2.2	ND	ND	NR	NR	NR	--
MW-10	Freedom	10/12/2006	ND	ND	ND	NR	NR	NR	--
MW-10	Freedom	1/20/2007	ND	ND	ND	NR	NR	NR	--
MW-10	Freedom	4/20/2007	2.6	ND	ND	NR	NR	NR	--
MW-10	Freedom	7/17/2007	ND	ND	ND	NR	NR	NR	--
MW-10	Freedom	6/13/2008	ND	ND	ND	NR	NR	NR	--
MW-10	Freedom	10/3/2008	ND	ND	ND	NR	NR	NR	--

Table 12. Groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17[n]*	*5[n]*	*70[n]*	*140[n]*	*7[n]*	*2[n]*	*250[o]*
		Sample Date							
MW-10	LTE	3/31/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-10	LTE	6/30/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-10	LTE	12/15/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-10	RETTEW	3/22/2019	<1.0	54.2	<1.0	<1.0	<1.0	<1.0	--
MW-10	Quantum	12/6/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-10	Quantum	3/22/2022	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-10	ERO	1/23/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-10	ERO	4/24/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-10	ERO	7/12/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-10	ERO	10/16/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-10	ERO	1/23/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-10	ERO	4/23/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-10	ERO	7/24/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-10	ERO	10/16/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-10	ERO	1/30/2025	0.439 J	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-10	ERO	4/22/2025	NOP	NOP	NOP	NOP	NOP	NOP	NOP
MW-10	ERO	7/9/2025	0.388 J	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-11	Freedom	3/22/2006	**9,600**	**36**	**110**	NR	NR	NR	--
MW-11	Freedom	6/28/2006	**3,700**	**33**	**76**	NR	NR	NR	--
MW-11	Freedom	10/12/2006	**15,000**	**230**	**630**	NR	NR	NR	--
MW-11	Freedom	1/20/2007	**9,700**	**36**	**70**	NR	NR	NR	--
MW-11	Freedom	2/21/2007	**17,270**	**114**	**204**	<100	<100	<100	--
MW-11	Freedom	2/26/2007	**14,535**	**807**	**244**	<100	<100	<100	--
MW-11	Freedom	2/28/2007	**27,992**	**237**	**515**	<100	<100	<100	--
MW-11	Freedom	3/8/2007	**14,445**	**88**	**150**	<100	<100	<100	--
MW-11	Freedom	3/8/2007	**32,140**	**236**	**424**	<100	<100	<100	--
MW-11	Freedom	4/9/2007	**36,933**	**229**	**403**	<100	<100	<100	--
MW-11	Freedom	4/20/2007	**6,400**	**21**	ND	NR	NR	NR	--
MW-11	Freedom	7/17/2007	**6,600**	**22**	34	NR	NR	NR	--
MW-11	Freedom	6/13/2008	**17,000**	**39**	79	NR	NR	NR	--
MW-11	Freedom	8/15/2008	**27,886**	**120**	**226**	<50	<50	<50	--
MW-11	Freedom	10/3/2008	**13,400**	**65**	**126**	NR	NR	NR	--
MW-11	LTE	3/30/2009	**29,000**	**82**	**130**	6.1	<1.0	<2.0	--
MW-11	LTE	6/30/2009	**15,000**	**33**	58	<1.0	<1.0	<2.0	--
MW-11	LTE	10/14/2009	**8,200**	**36**	**70**	<1.0	<1.0	<1.0	--
MW-11	LTE	12/15/2009	**5,100**	**41**	**81**	<1.0	<1.0	<1.0	--
MW-11	LTE	3/31/2010	**13,000**	**78**	**170**	1.9	<1.0	<1.0	--
MW-11	LTE	3/21/2013	**8,690**	<50	**74**	<50	<50	<50	--
MW-11	LTE	1/21/2014	**2,760**	**107**	**517**	<5	**20**	<5	--
MW-11	LTE	3/6/2014	**34,400**	**225**	**409**	<5	**25**	**7.4**	--
MW-11	LTE	3/20/2014	**74**	<0.5	<0.5	<0.5	0.84	<0.5	--
MW-11	LTE	4/4/2014	**15,100**	**97**	**98**	<0.5	**7.6**	1.5	--
MW-11	LTE	4/21/2014	**12,700**	<50	**89**	<50	<50	<50	--
MW-11	LTE	2/9/2015	<1.0	**100**	**152**	<1.0	**7.9**	<1.0	--
MW-11	LTE	10/7/2015	**23,800**	**131**	**260**	<1.0	5.1	**3.2**	--
MW-11	LTE	5/4/2016	**17,900**	**231**	**445**	2.8	4.8	**9.8**	--
MW-11	LTE	10/18/2016	**25,400**	**185**	**359**	4.7	6.1	**11**	--
MW-11	LTE	4/11/2017	**25,600**	**289**	**454**	2.2	**9.7**	<1.0	--
MW-11	LTE	10/25/2017	**28,400**	**242**	**286**	2.8	**7.8**	**34**	--
MW-11	LTE	5/24/2018	**43,200**	**336**	**562**	4.2	**8.2**	**11**	--
MW-11	R3	10/12/2018	**27,000**	**340**	**430**	4.2	<1.0	**19**	--
MW-11	R3	4/8/2019	**7,600**	**300**	**1,100**	3.4	<1.0	**12**	--
MW-11	R3	10/8/2019	**42,000**	**210**	3.1	3.4	<1.0	**6.3**	--
MW-11	R3	4/6/2020	**28,200**	**190**	**392**	3.4	<1.0	**7.1**	--
MW-11	R3	10/21/2020	**37,000**	**210**	**220**	**2**	4.2	**6.3**	--
MW-11	Quantum	12/13/2021	**35,000**	**330**	**660**	5.7	**13**	**32**	--
MW-11	Quantum	3/28/2022	**58,000**	**300**	**410**	5.8	<1.0	**2.9**	--
MW-11	ERO	1/26/2023	**29,200**	**398**	**834**	5.77 J	5.56	**6.96**	--
MW-11	ERO	4/25/2023	**61,200**	**508**	**992**	8.06	**7.73**	**6.02**	--
MW-11	ERO	7/14/2023	**33,700**	**414 J**	**942**	<74.5	<94.0	<117	--
MW-11	ERO	10/17/2023	**25,700**	**217 J**	**512**	<74.5	<94.0	<117	--
MW-11	ERO	1/24/2024	**44,000**	**428 J**	**752**	<74.5	<94.0	<117	--
MW-11	ERO	4/23/2024	NA	NA	NA	NA	NA	NA	NA
MW-11	ERO	7/25/2024	**31,100**	**455 J**	**831 J**	<149	<188	<234	--
MW-11	ERO	10/18/2024	**26,100**	<190	**401 J**	<149	<188	<234	--
MW-11	ERO	1/30/2025	**35,000**	**328 J**	**545**	9.03	3.53	2.69 C3	--

Table 12. Groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17[n]*	*5[n]*	*70[n]*	*140[n]*	*7[n]*	*2[n]*	*250[o]*
		Sample Date							
MW-11	ERO	4/22/2025	**53,300**	**462**	**854**	9.51 J	3.06 J	3.26 J	--
MW-11	ERO	7/10/2025	**11,200**	**218 J**	**327 J**	<74.5	<94.0	<117	--
MW-12R	Freedom	3/22/2006	**6,100**	**6.8**	ND	NR	NR	NR	--
MW-12R	Freedom	6/28/2006	**5,800**	**9.4**	ND	NR	NR	NR	--
MW-12R	Freedom	10/12/2006	**8,800**	**9.1**	ND	NR	NR	NR	--
MW-12R	Freedom	1/20/2007	**8,000**	**6.5**	ND	NR	NR	NR	--
MW-12R	Freedom	4/20/2007	**10,000**	**9.8**	ND	NR	NR	NR	--
MW-12R	Freedom	7/17/2007	**14,000**	**8.2**	ND	NR	NR	NR	--
MW-12R	Freedom	6/13/2008	**19,000**	**9.4**	ND	NR	NR	NR	--
MW-12R	Freedom	10/3/2008	**13,300**	**6.5**	ND	NR	NR	NR	--
MW-12R	LTE	3/31/2009	**6,600**	**6.6**	<1.0	<1.0	<1.0	<2.0	--
MW-12R	LTE	6/30/2009	**11,000**	**9.0**	<1.0	<1.0	<1.0	<2.0	--
MW-12R	LTE	10/14/2009	**20,000**	**9.9**	<1.0	<1.0	<1.0	<1.0	--
MW-12R	LTE	12/15/2009	**3,100**	3.9	<1.0	<1.0	<1.0	<1.0	--
MW-12R	LTE	3/31/2010	**16,000**	**12**	<1.0	<1.0	<1.0	<1.0	--
MW-12R	LTE	3/21/2013	**4,220**	<0.5	<0.5	<0.5	<0.5	<0.5	--
MW-12R	LTE	3/5/2014	**264**	<0.5	<0.5	<0.5	<0.5	<0.5	--
MW-12R	LTE	3/20/2014	**15,300**	<50	**140**	<50	<50	<50	--
MW-12R	LTE	4/4/2014	**7,390**	<50	<50	<50	<50	<50	--
MW-12R	LTE	4/21/2014	**858**	<25	<25	<25	<25	<25	--
MW-12R	LTE	2/9/2015	**141**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-12R	LTE	10/7/2015	**23**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-12R	LTE	5/4/2016	**372**	2.5	<1.0	<1.0	<1.0	<1.0	--
MW-12R	LTE	10/13/2016	**137**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-12R	LTE	4/11/2017	**195**	3.3	<1.0	<1.0	<1.0	<1.0	--
MW-12R	LTE	10/24/2017	**194**	3	1.9	<1.0	<1.0	1.4	--
MW-12R	LTE	5/23/2018	**295**	3	1.9	<1.0	<1.0	<1.0	--
MW-12R	R3	10/12/2018	**91**	2	1.3	<1.0	<1.0	<1.0	--
MW-12R	R3	4/8/2019	**180**	2.6	1.2	<1.0	<1.0	**3.0**	--
MW-12R	R3	10/8/2019	**230**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-12R	R3	4/6/2020	**200**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-12R	R3	10/21/2020	**240**	2.3	<1.0	<1.0	<1.0	<1.0	--
MW-12R	Quantum	12/13/2021	**2,100**	2.5	1.9	<1.0	<1.0	<1.0	--
MW-12R	Quantum	3/28/2022	**170**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-12R	ERO	1/26/2023	**168**	0.992 J	0.537 J	<0.149	<0.188	<0.234	--
MW-12R	ERO	4/25/2023	**185**	1.04	0.433 J	<0.149	<0.188	<0.234	--
MW-12R	ERO	7/13/2023	**160**	0.61 J	<0.126	<0.149	<0.188	<0.234	--
MW-12R	ERO	10/17/2023	**114**	0.866 J	0.42 J	<0.149	<0.188	<0.234	--
MW-12R	ERO	1/24/2024	**121**	0.963 J	0.399 J	<0.149	<0.188	<0.234	--
MW-12R	ERO	4/24/2024	**161**	0.53 J	<0.126	<0.149	<0.188	<0.234	--
MW-12R	ERO	7/25/2024	**198**	0.982 J	<0.126	<0.149	<0.188	<0.234	--
MW-12R	ERO	10/18/2024	**127**	<1.90	<1.26	<1.49	<1.88	<2.34	--
MW-12R	ERO	1/28/2025	**173**	<1.90	<1.26	<1.49	<1.88	<2.34	--
MW-12R	ERO	4/21/2025	**138**	0.887 J	0.285 J	<0.149	<0.188	<0.234	--
MW-12R	ERO	7/10/2025	**201**	<1.90	<1.26	<1.49	<1.88	<2.34 C3	--
MW-13	Freedom	3/22/2006	**2,000**	**19**	**81**	NR	NR	NR	--
MW-13	Freedom	6/28/2006	**5,100**	**42**	**120**	NR	NR	NR	--
MW-13	Freedom	10/12/2006	**7,100**	**43**	**120**	NR	NR	NR	--
MW-13	Freedom	1/20/2007	**7,400**	**41**	**110**	NR	NR	NR	--
MW-13	Freedom	4/20/2007	**11,000**	**49**	**130**	NR	NR	NR	--
MW-13	Freedom	7/17/2007	**10,000**	**43**	**86**	NR	NR	NR	--
MW-13	Freedom	6/13/2008	**16,000**	**45**	**150**	NR	NR	NR	--
MW-13	Freedom	10/3/2008	**12,200**	**45**	**117**	NR	NR	NR	--
MW-13	LTE	3/30/2009	**13,000**	**54**	**130**	3.7	<1.0	<2.0	--
MW-13	LTE	6/30/2009	**14,000**	**42**	**120**	<1.0	<1.0	<2.0	--
MW-13	LTE	10/14/2009	**14,000**	**41**	**120**	<1.0	<1.0	<1.0	--
MW-13	LTE	12/15/2009	**6,100**	**37**	**96**	<1.0	<1.0	<1.0	--
MW-13	LTE	3/31/2010	**5,400**	**40**	**120**	1.1	<1.0	<1.0	--
MW-13	LTE	3/21/2012	**11,000**	**37**	**89**	<1.0	<1.0	<1.0	--
MW-13	LTE	6/14/2012	**6,900**	**30**	**79**	<1.0	<1.0	<1.0	--
MW-13	LTE	9/13/2012	**6,310**	**31**	**79**	<1.0	<1.0	<1.0	--
MW-13	LTE	12/13/2012	**8,010**	**38**	**108**	<1.0	<1.0	<1.0	--
MW-13	LTE	3/20/2013	**12,100**	**36**	**90**	<1.0	<1.0	<1.0	--
MW-13	LTE	3/20/2013	**13,400**	**38**	**95**	<1.0	<1.0	<1.0	--
MW-13	LTE	10/24/2013	**9,050**	**27**	64	<1.0	<1.0	<1.0	--
MW-13	LTE	4/21/2014	**21,800**	**42**	**95**	<1.0	<1.0	<1.0	--

Table 12. Groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17[n]*	*5[n]*	*70[n]*	*140[n]*	*7[n]*	*2[n]*	*250[o]*
		Sample Date							
MW-13	LTE	10/20/2014	**9,930**	**32**	**76**	<1.0	<1.0	<1.0	--
MW-13	LTE	2/10/2015	**7,530**	**32**	**84**	<1.0	<1.0	<1.0	--
MW-13	LTE	10/7/2015	**7,800**	**31**	**78**	<1.0	<1.0	<1.0	--
MW-13	LTE	4/14/2016	**10,900**	**43**	**95**	<1.0	<1.0	<1.0	--
MW-13	LTE	10/13/2016	**6,600**	**37**	**88**	<1.0	<1.0	<1.0	--
MW-13	LTE	4/12/2017	**9,550**	**46**	**88**	<1.0	<1.0	<1.0	--
MW-13	LTE	10/25/2017	**10,300**	**45**	**93**	<1.0	<1.0	<1.0	--
MW-13	LTE	5/24/2018	**10,500**	**40**	**83**	1.2	1.4	1.6	--
MW-13	R3	10/12/2018	**12,000**	**43**	**83**	<1.0	1.0	<1.0	--
MW-13	RETTEW	3/5/2019	**8,260**	**47**	**93**	0.612	0.926	1.68	--
MW-13	R3	4/8/2019	**11,000**	**50**	**100**	<1.0	1.0	**3.8**	**--**
MW-13	R3	10/8/2019	**3,200**	**29**	61	<1.0	1.0	1.7	--
MW-13	R3	4/6/2020	**7,500**	**35**	**70**	<1.0	1.0	**2.1**	**--**
MW-13	R3	10/21/2020	**1,900**	**43**	**100**	<1.0	1.0	<1.0	--
MW-13	Quantum	7/22/2021	**9,800**	**43**	**88**	<1.0	<1.0	1.4	**383**
MW-13	Quantum	8/23/2021	**13,000**	**16**	56	<1.0	<1.0	<1.0	**410**
MW-13	Quantum	10/7/2021	**11,000**	**17**	27	<1.0	<1.0	<1.0	**536**
MW-13	Quantum	12/8/2021	**13,000**	**72**	**130**	<1.0	2.2	**3.1**	**414**
MW-13	Quantum	3/25/2022	**9,900**	**33**	**83**	<1.0	<1.0	1.1	**478**
MW-13	ERO	1/26/2023	**6,880**	**44**	**87**	<1.49	<1.88	<2.34	**494**
MW-13	ERO	4/25/2023	**7,760**	**46**	**78**	0.445 J	0.933 J	**1.48**	**466**
MW-13	ERO	7/14/2023	**6,650**	**48.5 J**	**94.3 J**	<29.8	<37.6	<46.8	**471**
MW-13	ERO	10/17/2023	**4,550**	<38.0	<25.2	<29.8	<37.6	<46.8	**458**
MW-13	ERO	1/24/2024	**7,890**	50 J	108	<14.9	<18.8	<23.4	**436**
MW-13	ERO	4/24/2024	**9,770**	<19.0	46.8 J	<14.9	<18.8	<23.4	**467**
MW-13	ERO	7/25/2024	**7,130**	**52.3 J**	**89 J**	<29.8	**<37.6**	**<46.8**	**457**
MW-13	ERO	10/18/2024	**8,120**	**40.3 J**	**65.3 J**	<29.8	**<37.6**	**<46.8**	**469**
MW-13	ERO	1/29/2025	**8,880**	**52.8**	**91.2**	0.924 J	1.08	1.14 C3	**453**
MW-13	ERO	4/22/2025	**8,050**	**59.3**	**105**	0.646 J	1.07	1.38	**455**
MW-13	ERO	7/10/2025	**7,800**	**51.8 J**	**107 J**	<29.8	<37.6	<46.8 C3	111
MW-14	Freedom	3/22/2006	**5,600**	**30**	66	NR	NR	NR	--
MW-14	Freedom	6/28/2006	**2,200**	**34**	**70**	NR	NR	NR	--
MW-14	Freedom	10/12/2006	**1,200**	**7.3**	10	NR	NR	NR	--
MW-14	Freedom	1/20/2007	**4,900**	**22**	44	NR	NR	NR	--
MW-14	Freedom	4/20/2007	**5,800**	**31**	64	NR	NR	NR	--
MW-14	Freedom	7/17/2007	**4,000**	**22**	33	NR	NR	NR	--
MW-14	Freedom	6/13/2008	**8,400**	**25**	58	NR	NR	NR	--
MW-14	Freedom	10/3/2008	**1,800**	**6.4**	12	NR	NR	NR	--
MW-14	LTE	3/30/2009	**630**	**4.3**	6.6	<1.0	<1.0	<2.0	--
MW-14	LTE	6/30/2009	**3,700**	**22**	49	<1.0	<1.0	<2.0	--
MW-14	LTE	10/14/2009	**9,000**	**42**	**96**	<1.0	<1.0	<1.0	--
MW-14	LTE	12/15/2009	**6,500**	**42**	**90**	<1.0	1.1	<1.0	**--**
MW-14	LTE	3/31/2010	**5,400**	**21**	46	<1.0	<1.0	<1.0	--
MW-14	LTE	3/21/2012	**1,600**	2.8	6.8	<1.0	<1.0	<1.0	--
MW-14	LTE	6/14/2012	**470**	2.6	6.0	<1.0	<1.0	<1.0	--
MW-14	LTE	9/13/2012	**4,850**	**30**	**71**	<1.0	<1.0	<1.0	--
MW-14	LTE	12/13/2012	**1,620**	**13**	29	<1.0	<1.0	<1.0	--
MW-14	LTE	3/20/2013	**3,160**	**10**	23	<1.0	<1.0	<1.0	--
MW-14	LTE	10/24/2013	**5,810**	**25**	48	<1.0	<1.0	<1.0	--
MW-14	LTE	4/21/2014	**9,360**	**35**	68	<1.0	<1.0	<1.0	--
MW-14	LTE	4/21/2014	**11,100**	**37**	**70**	<1.0	<1.0	<1.0	--
MW-14	LTE	10/20/2014	**11,100**	**42**	**90**	<1.0	<1.0	<1.0	--
MW-14	LTE	2/11/2015	**4,310**	**21**	40	<1.0	<1.0	<1.0	--
MW-14	LTE	10/7/2015	**9,850**	**33**	69	<1.0	<1.0	<1.0	--
MW-14	LTE	4/14/2016	**61**	2.3	3.9	<1.0	<1.0	<1.0	--
MW-14	LTE	4/14/2016	**384**	2.2	3.6	<1.0	<1.0	<1.0	--
MW-14	LTE	10/13/2016	**1,870**	**21**	40	<1.0	<1.0	<1.0	--
MW-14	LTE	4/12/2017	**850**	**5.3**	9	<1.0	<1.0	<1.0	--
MW-14	LTE	10/25/2017	**10,600**	**48**	**92**	<1.0	<1.0	<1.0	--
MW-14	LTE	5/24/2018	**9,680**	**33**	67	**1.2**	1.2	<1.0	--
MW-14	R3	10/12/2018	**14,000**	**44**	**83**	<1.0	<1.0	1.2	--
MW-14	R3	4/8/2019	**8,500**	**30**	62	<1.0	<1.0	1.2	--
MW-14	R3	10/8/2019	**3,100**	**17**	38	<1.0	<1.0	1.2	--
MW-14	R3	4/6/2020	**4,000**	**21**	41	<1.0	<1.0	1.1	--
MW-14	R3	10/20/2020	**4,000**	**16**	37	<1.0	<1.0	<1.0	**--**
MW-14	Quantum	12/8/2021	**15,000**	**63**	**130**	<1.0	1.5	<1.0	**295**

Table 12. Groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17[n]*	*5[n]*	*70[n]*	*140[n]*	*7[n]*	*2[n]*	*250[o]*
		Sample Date							
MW-14	Quantum	3/28/2022	**10,000**	**21**	37	<1.0	<1.0	<1.0	**338**
MW-14	Quantum [p]	10/7/2021	**9,600**	**47**	**88**	<1.0	<1.0	<1.0	**418**
MW-14	Quantum [p]	7/22/2021	**14,000**	**43**	**94**	<1.0	<1.0	<1.0	**307**
MW-14	Quantum [p]	8/23/2021	**16,000**	**15**	53	<1.0	<1.0	<1.0	**270**
MW-14	ERO	1/26/2023	**4,440**	**32**	58	<1.49	<1.88	<2.34	**369**
MW-14	ERO	4/25/2023	**1,970**	**10.1**	11.3	0.174 J	<0.188	<0.234	**500**
MW-14	ERO	7/13/2023	**12,600**	**36.1 J**	62.8 J	<14.9	<18.8	<23.4	**405**
MW-14	ERO	10/17/2023	**5,060**	**23.4 J**	52.4 J	<14.9	<18.8	<23.4	**425**
MW-14	ERO	1/24/2024	**8,160**	**41 J**	**73.7 J**	<14.9	<18.8	<23.4	**407**
MW-14	ERO	4/24/2024	**8,630**	**25.7 J**	43.4 J	<14.9	<18.8	<23.4	**428**
MW-14	ERO	7/25/2024	**7,570**	**42.5 J**	**72.4 J**	<29.8	**<37.6**	**<46.8**	**419**
MW-14	ERO	10/18/2024	**9,880**	<38.0	64.0 J	<29.8	**<37.6**	**<46.8**	**437**
MW-14	ERO	1/29/2025	**11,300**	**51.7**	**85.7**	1 J	1.1	0.563 C3 J	**431**
MW-14	ERO	4/22/2025	**7,330**	**52**	**87.9**	0.362 J	0.967 J	0.827 J	**415**
MW-14	ERO	7/10/2025	**9,850**	**55.9 J**	**104 J**	<37.3	<47.0	<58.5 C3	**773**
MW-15	Freedom	5/3/2006	**920**	**11**	38	NR	NR	NR	--
MW-15	Freedom	6/28/2006	**1,200**	**14**	38	NR	NR	NR	--
MW-15	Freedom	10/12/2006	**1,500**	**16**	33	NR	NR	NR	--
MW-15	Freedom	1/20/2007	**290**	**13**	34	NR	NR	NR	--
MW-15	Freedom	4/20/2007	**1,600**	**17**	46	NR	NR	NR	--
MW-15	Freedom	7/17/2007	**1,700**	**16**	34	NR	NR	NR	--
MW-15	Freedom	6/13/2008	**3,400**	**16**	49	NR	NR	NR	--
MW-15	Freedom	10/3/2008	**1,060**	**13**	32	NR	NR	NR	--
MW-15	LTE	3/30/2009	**1,500**	**15**	36	1.2	<1.0	<2.0	--
MW-15	LTE	6/30/2009	**2,300**	**13**	33	<1.0	<1.0	<2.0	--
MW-15	LTE	10/14/2009	**2,500**	**15**	42	<1.0	<1.0	<1.0	--
MW-15	LTE	12/15/2009	**1,900**	**15**	37	<1.0	<1.0	<1.0	**--**
MW-15	LTE	3/31/2010	**1,700**	**16**	45	<1.0	<1.0	<1.0	--
MW-15	LTE	3/21/2012	**2,600**	**9.8**	35	<1.0	<1.0	<1.0	--
MW-15	LTE	6/14/2012	**2,100**	**14**	44	<1.0	<1.0	<1.0	--
MW-15	LTE	9/13/2012	**1,840**	**13**	40	<1.0	<1.0	<1.0	--
MW-15	LTE	12/13/2012	**1,730**	**14**	40	<1.0	<1.0	<1.0	--
MW-15	LTE	3/20/2013	**2,410**	**12**	37	<1.0	<1.0	<1.0	--
MW-15	LTE	10/24/2013	**2,140**	**12**	33	<1.0	<1.0	<1.0	--
MW-15	LTE	4/22/2014	**2,550**	**15**	42	<1.0	<1.0	<1.0	--
MW-15	LTE	10/20/2014	**2,850**	**13**	38	<1.0	<1.0	<1.0	--
MW-15	LTE	10/20/2014	**2,940**	**13**	37	<1.0	<1.0	<1.0	--
MW-15	LTE	2/11/2015	**1,620**	**9.8**	29	<1.0	<1.0	<1.0	--
MW-15	LTE	10/7/2015	**2,270**	**11**	31	<1.0	<1.0	<1.0	--
MW-15	LTE	4/14/2016	**1,660**	**11**	28	<1.0	<1.0	<1.0	--
MW-15	LTE	10/13/2016	**1,080**	9.1	29	<1.0	<1.0	<1.0	--
MW-15	LTE	4/12/2017	**1,590**	**12**	25	<1.0	<1.0	<1.0	--
MW-15	LTE	10/25/2017	**3,100**	**13**	35	<1.0	<1.0	<1.0	--
MW-15	LTE	5/23/2018	**2,500**	**12**	29	<1.0	<1.0	<1.0	--
MW-15	R3	10/11/2018	**3,500**	**13**	32	<1.0	<1.0	<1.0	--
MW-15	R3	4/8/2019	**1,700**	**12**	<1.0	<1.0	<1.0	<1.0	--
MW-15	R3	10/8/2019	**1,900**	4.8	16	<1.0	<1.0	<1.0	--
MW-15	R3	4/7/2020	**2,100**	**5.1**	18	<1.0	<1.0	<1.0	--
MW-15	R3	10/21/2020	**1,400**	**7.9**	22	<1.0	<1.0	<1.0	**--**
MW-15	Quantum	12/8/2021	**2,600**	**14**	31	<1.0	<1.0	<1.0	**434**
MW-15	Quantum	3/28/2022	**1,600**	**6.3**	11	<1.0	<1.0	<1.0	**428**
MW-15	Quantum [p]	10/7/2021	**1,500**	**9.7**	21	<1.0	<1.0	<1.0	**537**
MW-15	Quantum [p]	7/22/2021	**2,400**	**8.4**	22	<1.0	<1.0	<1.0	51.0
MW-15	Quantum [p]	8/23/2021	**4,100**	2.0	9.6	<1.0	<1.0	<1.0	**389**
MW-15	ERO	1/26/2023	**1,470**	**10.4**	18.3	<0.149	<0.188	<0.234	**601**
MW-15	ERO	4/25/2023	**270**	3.51	4.01	<0.149	<0.188	<0.234	**553**
MW-15	ERO	7/13/2023	**2,050**	**10.9**	15.9	<1.49	<1.88	<2.34	**596**
MW-15	ERO	10/17/2023	**1,710**	**11.5**	17.9	<1.49	<1.88	<2.34	**591**
MW-15	ERO	1/24/2024	**1,870**	**14.2**	22.2	<1.49	<1.88	<2.34	**574**
MW-15	ERO	4/24/2024	**1,930**	10.1	15.7	<1.49	<1.88	<2.34	**631**
MW-15	ERO	7/25/2024	**1,800**	**13 J3**	18.9 J3	<0.149 J3	<0.188 J3	<0.234 J3	**612**
MW-15	ERO	10/18/2024	**1,780**	<19.0	<12.6	<14.9	<18.8	<23.4	**622**
MW-15	ERO	1/29/2025	**2,030**	**12**	16	<0.149	<0.188	<0.234 C3	**630**
MW-15	ERO	4/22/2025	**1,460**	**13.3**	18.8	<0.149	<0.188	<0.234	**625**
MW-15	ERO	7/10/2025	**2,480**	**14.3 J**	18.9 J	<7.45	<9.40	<11.7	**864**
MW-16	Freedom	5/3/2006	**130**	ND	8.4	<7.45	<9.40	<11.7	--

Table 12. Groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17[n]*	*5[n]*	*70[n]*	*140[n]*	*7[n]*	*2[n]*	*250[o]*
		Sample Date							
MW-16	Freedom	6/28/2006	**190**	**6.6**	9.5	<7.45	<9.40	<11.7	--
MW-16	Freedom	10/12/2006	**170**	**6.5**	9.1	NR	NR	NR	--
MW-16	Freedom	1/20/2007	**160**	3.2	ND	NR	NR	NR	--
MW-16	Freedom	4/20/2007	**280**	4.9	11	NR	NR	NR	--
MW-16	Freedom	7/17/2007	**610**	4.8	13	NR	NR	NR	--
MW-16	Freedom	6/13/2008	**210**	4.4	11	NR	NR	NR	--
MW-16	Freedom	10/3/2008	**213**	4.5	11	NR	NR	NR	--
MW-16	LTE	3/30/2009	**88**	2.7	6.9	<1.0	<1.0	<2.0	--
MW-16	LTE	6/30/2009	**240**	3.3	<1.0	<1.0	<1.0	<2.0	--
MW-16	LTE	10/14/2009	**250**	3.1	9.6	<1.0	<1.0	<1.0	--
MW-16	LTE	12/15/2009	**220**	3.8	10	<1.0	<1.0	<1.0	--
MW-16	LTE	3/31/2010	**150**	4.4	9.9	<1.0	<1.0	<1.0	--
MW-16	LTE	3/21/2013	**179**	4.1	11	<0.5	<0.5	<0.5	--
MW-16	LTE	2/11/2015	2.4	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-16	LTE	9/6/2016	**78**	4.6	3.8	<0.5	<0.5	<0.5	--
MW-16	Quantum	12/8/2021	**110**	4.8	4.8	<1.0	<1.0	<1.0	--
MW-16	Quantum	3/22/2022	8.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-16	ERO	1/24/2023	**164**	**6.2**	6.9	<0.149	<0.188	<0.234	--
MW-16	ERO	4/25/2023	**134**	**5.54**	8.13	<0.149	<0.188	<0.234	--
MW-16	ERO	7/13/2023	**111**	2.78	3.25	<0.149	<0.188	<0.234	--
MW-16	ERO	10/17/2023	**178**	3.98	4.96	<0.149	<0.188	<0.234	--
MW-16	ERO	1/24/2024	**197**	**9.72**	11.2	<0.149	<0.188	<0.234	--
MW-16	ERO	4/24/2024	**175**	3.5 J	2.92 J	<1.49	<1.88	<2.34	--
MW-16	ERO	7/25/2024	**159**	3.76	4.51	<0.149	<0.188	<0.234	--
MW-16	ERO	10/18/2024	**187**	4.56	5.10	<0.149	<0.188	<0.234	--
MW-16	ERO	1/28/2025	**90.6**	1.79	1.84	<0.149	<0.188	<0.234	--
MW-16	ERO	4/21/2025	**76.3**	1.7	1.96	<0.149	<0.188	<0.234	--
MW-16	ERO	7/10/2025	**84.8**	3.11	2.64	<0.149	<0.188	<0.234	--
MW-16 DUP	ERO	1/24/2023	**150**	**9.3**	9.3	<0.149	<0.188	<0.234	--
MW-16 DUP	ERO	4/25/2023	**166**	**5.92**	7.56	<0.149	<0.188	<0.234	--
MW-16 DUP	ERO	7/13/2023	**107**	2.56	2.91	<0.149	<0.188	<0.234	--
MW-16 DUP	ERO	10/17/2023	**185**	4.8	5.81	<0.149	<0.188	<0.234	--
MW-16 DUP	ERO	1/24/2024	**181**	**10.5**	11.7	0.152 J	<0.188	<0.234	--
MW-16 DUP	ERO	4/24/2024	**189**	<1.90	4.18 J	<1.49	<1.88	<2.34	--
MW-16 DUP	ERO	7/25/2024	**147 J3**	3.46 J3	4.38 J3	<0.149 J3	<0.188 J3	<0.234 J3	--
MW-16 DUP	ERO	10/18/2024	**182**	4.24	4.70	<0.149	<0.188	<0.234	--
MW-16 DUP	ERO	1/28/2025	**90.1**	2.3	2.75	<0.149	<0.188	<0.234	--
MW-16 DUP	ERO	4/21/2025	**71.6**	2.54	3.06	<0.149	<0.188	<0.234	--
MW-16 DUP	ERO	7/10/2025	**91**	3.43	3.08	<0.149	<0.188	<0.234	--
MW-17	Freedom	5/3/2006	ND	ND	ND	NR	NR	NR	--
MW-17	Freedom	6/28/2006	1.3	2.5	ND	NR	NR	NR	--
MW-17	Freedom	10/12/2006	2.9	4.1	ND	NR	NR	NR	--
MW-17	Freedom	1/20/2007	ND	ND	ND	NR	NR	NR	--
MW-17	Freedom	4/20/2007	ND	ND	ND	NR	NR	NR	--
MW-17	Freedom	7/17/2007	ND	ND	ND	NR	NR	NR	--
MW-17	Freedom	6/13/2008	ND	ND	ND	NR	NR	NR	--
MW-17	Freedom	10/3/2008	ND	ND	ND	NR	NR	NR	--
MW-17	LTE	3/30/2009	**11**	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-17	LTE	6/30/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	--
MW-17	LTE	10/14/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-17	LTE	12/15/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-17	LTE	3/31/2010	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-17	RETTEW	3/22/2019	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-17	Quantum	12/9/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-17	Quantum	3/28/2022	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-17	ERO	1/23/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-17	ERO	4/24/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-17	ERO	7/12/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-17	ERO	10/16/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-17	ERO	1/23/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-17	ERO	4/23/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-17	ERO	7/24/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-17	ERO	10/16/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-17	ERO	1/27/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-18	LTE	7/27/2011	**250**	2.5	3.7	<1.0	<1.0	<1.0	--
MW-18	LTE	3/19/2013	**29**	<1.0	<1.0	<1.0	<1.0	<1.0	--

Table 12. Groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17[n]*	*5[n]*	*70[n]*	*140[n]*	*7[n]*	*2[n]*	*250[o]*
		Sample Date							
MW-18	LTE	4/21/2014	**230**	4.7	3.6	<1.0	<1.0	<1.0	--
MW-18	LTE	2/11/2015	**17**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-18	LTE	4/13/2016	5.7	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-18	LTE	4/12/2017	**206**	**3**	<1.0	<1.0	<1.0	<1.0	--
MW-18	LTE	5/23/2018	**162**	4.2	2.6	<1.0	<1.0	<1.0	--
MW-18	R3	10/11/2018	**480**	**7.4**	4.4	<1.0	<1.0	<1.0	--
MW-18	R3	4/8/2019	**550**	**7.1**	5.3	<1.0	<1.0	<1.0	--
MW-18	R3	10/8/2019	**3,900**	**36**	2.6	<1.0	<1.0	<1.0	--
MW-18	R3	4/7/2020	**2,500**	**24**	2.1	<1.0	<1.0	<1.0	--
MW-18	R3	10/20/2020	**270**	3	1.9	<1.0	<1.0	<1.0	--
MW-18	Quantum	7/19/2021	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-18	ERO	1/22/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-18	ERO	4/24/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-18	ERO	7/28/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	BOS
MW-18	ERO	10/16/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-18	ERO	1/23/2024	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-18	ERO	4/23/2024	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-18	ERO	7/30/2024	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-18	ERO	10/18/2024	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-18	ERO	1/30/2025	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-19	LTE	7/7/2011	**510**	3.8	3.2	<1.0	<1.0	<1.0	--
MW-19	LTE	3/19/2013	**515**	**14**	5.1	<1.0	<1.0	<1.0	--
MW-19	LTE	4/22/2014	**717**	**19**	6.3	<1.0	<1.0	<1.0	--
MW-19	LTE	2/10/2015	**496**	**11**	4.6	<1.0	<1.0	<1.0	--
MW-19	LTE	10/12/2016	**492**	**17**	4.7	<0.5	<0.5	<0.5	--
MW-19	LTE	4/12/2017	**578**	**21**	4.7	<1.0	<1.0	<1.0	--
MW-19	LTE	5/23/2018	**772**	**20**	5.8	<1.0	<1.0	<1.0	--
MW-19	R3	10/11/2018	**1,100**	**14**	7.1	<1.0	<1.0	<1.0	--
MW-19	RETTEW	2/28/2019	**750**	**27.4**	6.8	0.435	<1.00	<1.00	--
MW-19	R3	4/5/2019	**1,000**	**19**	5.4	<1.0	<1.0	<1.0	--
MW-19	R3	10/7/2019	**4,500**	**120**	2.4	<1.0	<1.0	<1.0	--
MW-19	R3	4/7/2020	**3,000**	**100**	2.4	<1.0	<1.0	<1.0	--
MW-19	R3	10/20/2020	**10,000**	**56**	**100**	<1.0	1.3	4.1	--
MW-19	Quantum	7/19/2021	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-19	ERO	1/22/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-19	ERO	4/24/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-19	ERO	7/28/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-19	ERO	10/16/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-19	ERO	1/23/2024	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-19	ERO	4/23/2024	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-19	ERO	7/30/2024	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-19	ERO	10/16/2024	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-19	ERO	1/30/2025	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-19	ERO	4/21/2025	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-19	ERO	7/9/2025	**123**	3.05	1.9	<0.149	<0.188	<0.234	--
MW-20	LTE	7/11/2011	**140**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-20	LTE	3/19/2013	**32**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-20	LTE	4/21/2014	**38**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-20	LTE	2/11/2015	**31**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-20	LTE	4/13/2016	**22**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-20	LTE	4/12/2017	**45**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-20	LTE	5/23/2018	**31**	1.4	<1.0	<1.0	<1.0	<1.0	--
MW-20	R3	10/12/2018	**110**	1.4	<1.0	<1.0	<1.0	<1.0	--
MW-20	R3	4/5/2019	**78**	1.2	<1.0	<1.0	<1.0	<1.0	--
MW-20	R3	10/7/2019	**47**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-20	R3	4/7/2020	**35**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-20	R3	10/21/2020	**79**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-20	Quantum	7/19/2021	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-20	ERO	1/22/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-20	ERO	4/24/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-20	ERO	7/12/2023	5.04	<0.190	<0.126	<0.149	<0.188	<0.234	BOS
MW-20	ERO	10/16/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-20	ERO	1/23/2024	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-20	ERO	4/23/2024	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-20	ERO	7/30/2024	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-20	ERO	10/16/2024	BOS	BOS	BOS	BOS	BOS	BOS	BOS

Table 12. Groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17[n]*	*5[n]*	*70[n]*	*140[n]*	*7[n]*	*2[n]*	*250[o]*
		Sample Date							
MW-20	ERO	1/30/2025	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-21	LTE	8/3/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	LTE	3/19/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	LTE	4/22/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	LTE	2/10/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	LTE	2/10/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	LTE	4/13/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	LTE	4/12/2017	7.5	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	LTE	5/10/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	LTE	5/10/2017	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	LTE	5/22/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	R3	10/11/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	R3	4/5/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	R3	10/7/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	R3	4/7/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	R3	10/21/2020	NS	NS	NS	NS	NS	NS	--
MW-21	Quantum	12/7/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	Quantum	3/23/2022	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-21	ERO	1/24/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-21	ERO	4/24/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-21	ERO	7/12/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-21	ERO	10/16/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-21	ERO	1/23/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-21	ERO	4/23/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-21	ERO	7/25/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-21	ERO	10/16/2024	0.487 J	0.439 J	<0.126	<0.149	<0.188	<0.234	--
MW-21	ERO	1/27/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-21	ERO	4/22/2025	NOP	NOP	NOP	NOP	NOP	NOP	NOP
MW-21	ERO	7/9/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-22	LTE	5/30/2018	3.9	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-22	R3	10/11/2018	8.9	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-22	R3	4/8/2019	**190**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-22	R3	10/7/2019	6.4	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-22	R3	4/7/2020	7.8	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-22	R3	10/21/2020	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-22	Quantum	12/13/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-22	Quantum	3/25/2022	2.8	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-22	ERO	1/24/2023	0.565 J	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-22	ERO	4/24/2023	0.626 J	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-22	ERO	7/12/2023	0.486 J	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-22	ERO	10/16/2023	0.543 J	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-22	ERO	1/23/2024	0.543 J	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-22	ERO	4/23/2024	0.413 J	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-22	ERO	7/24/2024	0.654 J	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-22	ERO	10/16/2024	<0.300	<0.190	<0.126	<0.149	<0.188 J3	<0.234 J3	--
MW-22	ERO	1/27/2025	0.6 J	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-22	ERO	7/9/2025	0.86 J	<1.00	<1.00	<1.00	<1.00	<1.00	--
MW-22	ERO	7/9/2025	0.86 J	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-22D 30-35'	LTE	11/8/2016	**4,290**	**42**	51	<5.0	<5.0	<5.0	--
MW-22D 30-35'	Quantum	12/13/2021	**7,200**	**28**	1.4	<1.0	<1.0	<1.0	--
MW-22D 30-35'	Quantum	3/25/2022	**7,300**	**14**	1.7	<1.0	<1.0	<1.0	--
MW-22D 30-35'	ERO	1/27/2023	**6,650**	**20**	2.1	<0.149	<0.188	<0.234	--
MW-22D 30-35'	ERO	4/25/2023	**4,960**	**20.9**	1.9	<0.149	<0.188	<0.234	--
MW-22D 30-35'	ERO	7/13/2023	**18,300**	<38.0	<25.2	<29.8	<37.6	<46.8	--
MW-22D 30-35'	ERO	10/17/2023	**4,670**	<38.0	<25.2	<29.8	<37.6	<46.8	--
MW-22D 30-35'	ERO	1/24/2024	**7,120**	**20.7 J**	<6.30	<7.45	<9.40	<11.7	--
MW-22D 30-35'	ERO	4/24/2024	**7,860**	<9.50	<6.30	<7.45	<9.40	<11.7	--
MW-22D 30-35'	ERO	7/25/2024	**10,500**	**18.8 J3**	2.66 J3	<0.149 J3	<0.188 J3	<0.234 J3	--
MW-22D 30-35'	ERO	10/18/2024	**7,670**	<95.0	<63.0	<74.5	<94.0	<117	--
MW-22D 30-35'	ERO	1/29/2025	**9,620**	16.8	2.38	<0.149	<0.188	<0.234 C3	--
MW-22D 30-35'	ERO	4/22/2025	**6,450**	**15.1**	2.41	<0.149	<0.188	<0.234	--
MW-22D 30-35'	ERO	7/10/2025	**10,300**	<38.0	<25.2	<29.8	<37.6	<46.8 C3	--
MW-22D 35-40'	LTE	11/8/2016	**2,320**	**15**	<5.0	<5.0	<5.0	<5.0	--
MW-22D 35-40'	Quantum	12/13/2021	**4,900**	**36**	20	<1.0	<1.0	<1.0	--
MW-22D 35-40'	Quantum	3/25/2022	**10,000**	**18**	14	<1.0	<1.0	<1.0	--
MW-22D 35-40'	ERO	1/24/2023	**5,620**	**24**	10	<0.149	<0.188	<0.234	--

Table 12. Groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17[n]*	*5[n]*	*70[n]*	*140[n]*	*7[n]*	*2[n]*	*250[o]*
		Sample Date							
MW-22D 35-40'	ERO	4/25/2023	**4,010**	**17.5**	9.41	<0.149	<0.188	<0.234	--
MW-22D 35-40'	ERO	7/13/2023	**9,120**	<38.0	<25.2	<29.8	<37.6	<46.8	--
MW-22D 35-40'	ERO	10/17/2023	**4,680**	<38.0	<25.2	<29.8	<37.6	<46.8	--
MW-22D 35-40'	ERO	1/24/2024	**5,000**	**19.9 J**	7.17 J	<7.45	<9.40	<11.7	--
MW-22D 35-40'	ERO	4/24/2024	**12,000**	<38.0	<25.2	<29.8	<37.6	<46.8	--
MW-22D 35-40'	ERO	7/25/2024	**17,200**	**28.8 J3**	18.9 J3	<0.149 J3	0.904 J J3	<0.234 J3	--
MW-22D 35-40'	ERO	10/18/2024	**8,300**	<190	<126	<149	<188	<234	--
MW-22D 35-40'	ERO	1/29/2025	**15,800**	**25.1**	9.9	<0.149	0.446 J	<0.234 C3	--
MW-22D 35-40'	ERO	4/22/2025	**8,720**	**23.4**	16.5	<0.149	0.247 J	0.416 J	--
MW-22D 35-40'	ERO	7/10/2025	**7,190**	<47.5	<31.5	<37.3	<47.0	<58.5	--
MW-22D 41-46'	LTE	11/8/2016	**6,680**	<25	<25	<25	<25	<25	--
MW-22D 41-46'	Quantum	12/13/2021	**6,100**	**16**	7.2	<1.0	<1.0	<1.0	--
MW-22D 41-46'	Quantum	3/25/2022	**6,500**	**10**	4.8	<1.0	<1.0	<1.0	--
MW-22D 41-46'	ERO	1/27/2023	**2,970**	**11.8**	5.1	<0.149	<0.188	<0.234	--
MW-22D 41-46'	ERO	4/25/2023	**3,640**	**17**	5.06	<0.149	<0.188	<0.234	--
MW-22D 41-46'	ERO	7/13/2023	**15,400**	<38.0	<25.2	<29.8	<37.6	<46.8	--
MW-22D 41-46'	ERO	10/17/2023	**3,200**	<38.0	<25.2	<29.8	<37.6	<46.8	--
MW-22D 41-46'	ERO	1/24/2024	**8,650**	**21.6 J**	<6.30	<7.45	<9.40	<11.7	--
MW-22D 41-46'	ERO	4/23/2024	NA	NA	NA	NA	NA	NA	NA
MW-22D 41-46'	ERO	7/25/2024	**8,320**	**16.4**	5.24	<1.00	0.387 J	<1.00	--
MW-22D 41-46'	ERO	7/25/2024	**8,520**	**16.8 J3**	5.25 J3	<0.149 J3	0.421 J J3	<0.234 J3	--
MW-22D 41-46'	ERO	10/16/2024	**5,020**	<19.0 Q	<12.6 Q	<14.9 Q	<18.8 Q	<23.4 Q	--
MW-22D 41-46'	ERO	1/29/2025	**6,960**	13.2	4.49	<0.149	0.221 J	<0.234 C3	--
MW-22D 41-46'	ERO	4/22/2025	**9,950**	24.8	4.16	<0.149	0.231 J	<0.234	--
MW-22D 41-46'	ERO	7/10/2025	**7,470**	<38.0	<25.2	<29.8	<37.6	<46.8	--
MW-22D 41-46' DUP	ERO	4/25/2023	**4,640**	**15.9**	4.75	<0.149	<0.188	<0.234	--
MW-22D 41-46' DUP	ERO	7/13/2023	**15,800**	<38.0	<25.2	<29.8	<37.6	<46.8	--
MW-22D 41-46' DUP	ERO	10/17/2023	**2810**	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-22D 41-46' DUP	ERO	1/24/2024	**7,980**	**22 J**	<6.30	<7.45	<9.40	<11.7	--
MW-22D 41-46' DUP	ERO	10/16/2024	**5,580**	<19.0 Q	<12.6 Q	<14.9 Q	<18.8 Q	<23.4 Q	--
MW-22D 41-46' DUP	ERO	1/29/2025	**6,870**	15.4	4.63	<0.149	0.288 J	<0.234 C3	--
MW-22D 41-46' DUP	ERO	4/22/2025	**7,340**	23.0	4.07	<0.149	<0.188	<0.234	--
MW-22D 41-46' DUP	ERO	7/10/2025	**9,120**	<38.0	5.92	<0.149	0.238 J	<0.234 J4	--
MW-22D 48-53'	LTE	11/8/2016	**3,680**	**39**	11	<5.0	<5.0	<5.0	--
MW-22D 48-53'	Quantum	12/13/2021	**4,600**	**24**	2.9	<1.0	<1.0	<1.0	--
MW-22D 48-53'	Quantum	3/25/2022	**3,700**	**15**	2.1	<1.0	<1.0	<1.0	--
MW-22D 48-53'	ERO	1/24/2023	**4,280**	**33.7**	1.53	<0.149	<0.188	<0.234	--
MW-22D 48-53'	ERO	4/25/2023	**3,760**	**25.4**	1.33	<0.149	0.202 J	<0.234	--
MW-22D 48-53'	ERO	7/13/2023	**7,090**	**22.3 J**	<12.6	<14.9	<18.8	<23.4	--
MW-22D 48-53'	ERO	10/17/2023	**3,500**	<19.0	<12.6	<14.9	<18.8	<23.4	--
MW-22D 48-53'	ERO	1/24/2024	**7,220**	**34.1 J**	<6.30	<7.45	<9.40	<11.7	--
MW-22D 48-53'	ERO	4/23/2024	NA	NA	NA	NA	NA	NA	NA
MW-22D 48-53'	ERO	7/25/2024	**9,420**	**38.4 J3**	1.65 J3	<0.149 J3	<0.188 J3	<0.234 J3	--
MW-22D 48-53'	ERO	10/18/2024	**8,330**	<95.0	<63.0	<74.5	<94.0	<117	--
MW-22D 48-53'	ERO	1/29/2025	**10,800**	**33.3**	1.71	<0.149	<0.188	<0.234 C3	--
MW-22D 48-53'	ERO	4/22/2025	**8,150**	**34.2**	1.57	<0.149	<0.188	<0.234	--
MW-22D 48-53'	ERO	7/10/2025	**9,640**	<47.5	<31.5	<37.3	<47.0	<58.5 C3	--
MW-22D 55-60'	LTE	11/8/2016	**72,800**	**38**	<5.0	<5.0	<5.0	<5.0	--
MW-22D 55-60'	Quantum	12/13/2021	**1,100,000**	**65**	<1.0	<1.0	**24**	<1.0	--
MW-22D 55-60'	Quantum	3/24/2022	**75,000**	<1,000	<1,000	<1,000	<1,000	<1,000	--
MW-22D 55-60'	ERO	1/27/2023	**103,000**	**52**	<1.26	<1.49	6.42 J	<2.34	--
MW-22D 55-60'	ERO	4/25/2023	**98,900**	**51.5**	0.272 J	<0.149	**7.76**	<0.234	--
MW-22D 55-60'	ERO	7/12/2023	**13,600**	<19.0	<12.6	<14.9	<18.8	<23.4	--
MW-22D 55-60'	ERO	10/17/2023	**104,000**	<19.0	<12.6	<14.9	<18.8	<23.4	--
MW-22D 55-60'	ERO	1/24/2024	**132,000**	<190	<126	<149	<188	<234	--
MW-22D 55-60'	ERO	4/24/2024	**149,000**	<190	<126	<149	<188	<234	--
MW-22D 55-60'	ERO	4/24/2024	**142,000**	<190	<126	<149	<188	<234	--
MW-22D 55-60'	ERO	7/25/2024	**139,000**	**47.8 J3**	<1.26 J3	<1.49 J3	6.19 J J3	<2.34 J3	--
MW-22D 55-60'	ERO	10/18/2024	**107,000**	<950	<630	<745	<940	<1170	--
MW-22D 55-60'	ERO	1/29/2025	**92,500**	**50.7**	0.313 J	<0.149	6.94	<0.234 C3	--
MW-22D 55-60'	ERO	4/22/2025	**90,900**	**61.9**	<630	<7.45	<9.40	<11.7	--
MW-22D 55-60'	ERO	7/10/2025	**144,000**	<475	<315	<373	<470	<585	--
MW-22D 72.5-75'	LTE	11/8/2016	8.0	1.5	<0.5	<0.5	<0.5	<0.5	--
MW-22D 72.5-75'	Quantum	12/13/2021	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-22D 72.5-75'	Quantum	3/24/2022	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-22D 72.5-75'	ERO	1/23/2023	DRY	DRY	DRY	DRY	DRY	DRY	DRY

Table 12. Groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17[n]*	*5[n]*	*70[n]*	*140[n]*	*7[n]*	*2[n]*	*250[o]*
		Sample Date							
MW-22D 72.5-75'	ERO	4/24/2023	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-22D 72.5-75'	ERO	7/12/2023	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-22D 72.5-75'	ERO	10/16/2023	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-22D 72.5-75'	ERO	1/23/2024	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-22D 72.5-75'	ERO	4/23/2024	NA	NA	NA	NA	NA	NA	NA
MW-22D 72.5-75'	ERO	7/24/2024	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-22D 72.5-75'	ERO	10/16/2024	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-22D 72.5-75'	ERO	1/29/2025	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-23	LTE	5/23/2018	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-23	R3	10/11/2018	4.9	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-23	R3	4/5/2019	8.6	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-23	R3	10/8/2019	2.2	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-23	R3	4/7/2020	1.9	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-23	R3	10/21/2020	**22**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-23	Quantum[p]	10/7/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	198
MW-23	Quantum[p]	7/22/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	146
MW-23	Quantum[p]	8/23/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	160
MW-23	Quantum	12/8/2021	2.5	<1.0	<1.0	<1.0	<1.0	<1.0	191
MW-23	Quantum	3/25/2022	7.4	<1.0	<1.0	<1.0	<1.0	<1.0	212
MW-23	ERO	1/24/2023	5.0	<0.190	<0.126	<0.149	<0.188	<0.234	238
MW-23	ERO	4/24/2023	4.12	0.599 J	0.127 J	<0.149	<0.188	<0.234	199
MW-23	ERO	7/12/2023	2.99	<0.190	<0.126	<0.149	<0.188	<0.234	187
MW-23	ERO	10/16/2023	3.4	<0.190	<0.126	<0.149	<0.188	<0.234	211
MW-23	ERO	1/23/2024	3.71	<0.190	<0.126	<0.149	<0.188	<0.234	208
MW-23	ERO	4/23/2024	5.08	<0.190	<0.126	<0.149	<0.188	<0.234	207
MW-23	ERO	7/24/2024	4.37	<0.190	<0.126	<0.149	<0.188	<0.234	178
MW-23	ERO	10/16/2024	4.22	<0.190	<0.126	<0.149	<0.188	<0.234	196
MW-23	ERO	1/28/2025	4.81	<0.190	<0.126	<0.149	<0.188	<0.234	208
MW-23	ERO								
MW-23	ERO	7/9/2025	5.16	<0.190	<0.126	<0.149	<0.188	<0.234	169
MW-23D 31-33.5'	LTE	11/8/2016	**608**	<5.0	<5.0	<5.0	<5.0	<5.0	--
MW-23D 31-33.5'	Quantum	12/10/2021	**170**	3.1	1.6	<1.0	<1.0	<1.0	--
MW-23D 31-33.5'	Quantum	3/25/2022	**71**	2.2	2.4	<1.0	<1.0	<1.0	--
MW-23D 31-33.5'	ERO	1/24/2023	**121**	2.8	1.7	<0.149	<0.188	<0.234	--
MW-23D 31-33.5'	ERO	4/24/2023	**103**	2.63	2.43	<0.149	<0.188	<0.234	--
MW-23D 31-33.5'	ERO	7/14/2023	**310**	3.96	4.08	<0.149	<0.188	<0.234	--
MW-23D 31-33.5'	ERO	10/16/2023	**192**	3.02	3.1	<0.149	<0.188	<0.234	--
MW-23D 31-33.5'	ERO	1/23/2024	**139**	2.72	2.92	<0.149	<0.188	<0.234	--
MW-23D 31-33.5'	ERO	4/23/2024	**145**	4.35	4.12	<0.149	<0.188	<0.234	--
MW-23D 31-33.5'	ERO	7/24/2024	**308**	**5.23**	5.93	<0.149	<0.188	<0.234	--
MW-23D 31-33.5'	ERO	10/16/2024	**263**	<3.80	<2.52	<2.98	<3.76	<4.68	--
MW-23D 31-33.5'	ERO	1/29/2025	**327**	<3.80	4.04 J	<2.98	<3.76	<4.68 C3 J3 J4	--
MW-23D 31-33.5'	ERO	4/22/2025	**293**	4.54	5.47	<0.149	<0.188	<0.234	--
MW-23D 31-33.5'	ERO	7/10/2025	**545**	7 J	7.04 J	<2.98	<3.76	<4.68	--
MW-23D 35-40'	LTE	10/25/2016	**3,930**	**22**	13	<5.0	<5.0	<5.0	--
MW-23D 41-46'	LTE	10/25/2016	**1,480**	**9.5**	23	<5.0	<5.0	<5.0	--
MW-23D 47-52'	LTE	11/8/2016	**2,090**	**15**	36	<5.0	<5.0	<5.0	--
MW-23D 47-52'	Quantum	12/10/2021	**150**	**16**	17	<1.0	<1.0	<1.0	--
MW-23D 47-52'	Quantum	3/25/2022	**100**	**9.8**	7.5	<1.0	<1.0	<1.0	--
MW-23D 47-52'	ERO	1/24/2023	**190**	**12.8**	5.0	<0.149	<0.188	<0.234	--
MW-23D 47-52'	ERO	4/24/2023	**181**	**10.1**	4.31 J	<1.49	<1.88	<2.34	--
MW-23D 47-52'	ERO	7/13/2023	--	--	--	--	--	--	--
MW-23D 47-52'	ERO	7/19/2023	**102**	4.99	1.37	<0.149	<0.188	<0.234	--
MW-23D 47-52'	ERO	7/19/2023	**136**	**7.62**	3.12	<0.149	<0.188	<0.234	--
MW-23D 47-52'	ERO	10/16/2023	**149**	**8.49**	2.55	<0.149	<0.188	<0.234	--
MW-23D 47-52'	ERO	1/23/2024	**136**	4.55 J	<1.26	<1.49	<1.88	<2.34	--
MW-23D 47-52'	ERO	4/23/2024	**152**	7.05 J	1.55 J	<1.49	<1.88	<2.34	--
MW-23D 47-52'	ERO	7/24/2024	**176**	**7.55 J**	<0.126	<0.149	<0.188	<0.234	--
MW-23D 47-52'	ERO	10/16/2024	**163**	**5.81 J**	<1.26	<1.49	<1.88	<2.34	--
MW-23D 47-52'	ERO	1/29/2025	**114**	<1.90	<1.26	<1.49	<1.88	<2.34	--
MW-23D 47-52'	ERO	4/21/2025	**106**	4.16	1.79	<0.149	<0.188	<0.234	--
MW-23D 47-52'	ERO	7/9/2025	**152**	**5.74**	2.03	<0.149	<0.188	<0.234	--
MW-23D 56.5-61.5'	LTE	10/26/2016	**1,260**	**7.7**	8.0	<0.149	<0.188	<0.234	--
MW-23D 56.5-61.5'	Quantum	12/10/2021	**440**	**9.7**	<1.0	<0.149	<0.188	<0.234	--
MW-23D 56.5-61.5'	Quantum	3/25/2022	**140**	**5.3**	<1.0	<0.149	<0.188	<0.234	--
MW-23D 47-52' DUP	ERO	1/29/2025	**115**	<1.90	<1.26	<1.49	<1.88	<2.34	--

Table 12. Groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17[n]*	*5[n]*	*70[n]*	*140[n]*	*7[n]*	*2[n]*	*250[o]*
		Sample Date							
MW-23D 56.5-61.5'	ERO	1/24/2023	**182**	**6.8**	0.287 J	<0.149	<0.188	<0.234	--
MW-23D 56.5-61.5'	ERO	4/24/2023	**186**	**6.01 J**	<1.26	<1.49	<1.88	<2.34	--
MW-23D 56.5-61.5'	ERO	7/14/2023	**94.2**	3.13 J	<1.26	<1.49	<1.88	<2.34	--
MW-23D 56.5-61.5'	ERO	10/16/2023	**166**	3.97	0.147 J	<0.149	<0.188	<0.234	--
MW-23D 56.5-61.5'	ERO	1/23/2024	**131**	4.76	<0.126	<0.149	<0.188	<0.234	--
MW-23D 56.5-61.5'	ERO	4/23/2024	**180**	4.75	<0.126	<0.149	<0.188	<0.234	--
MW-23D 56.5-61.5'	ERO	7/24/2024	**182**	4.96	<0.126	<0.149	<0.188	<0.234	--
MW-23D 56.5-61.5'	ERO	10/16/2024	**263**	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-23D 56.5-61.5'	ERO	1/29/2025	**155**	4.31	<0.126	<0.149	<0.188	<0.234	--
MW-23D 56.5-61.5'	ERO	4/21/2025	**120**	3.38	<0.126	<0.149	<0.188	<0.234	--
MW-23D 56.5-61.5'	ERO	7/9/2025	**121**	5.33	0.177 J	<0.149	<0.188	<0.234	--
MW-23D 64-74'	LTE	11/8/2016	**51**	<0.5	<0.5	<0.5	<0.5	<0.5	--
MW-23D 64-74'	Quantum	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-23D 64-74'	ERO	1/24/2023	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-23D 64-74'	ERO	4/24/2023	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-23D 64-74'	ERO	7/12/2023	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-23D 64-74'	ERO	10/16/2023	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-23D 64-74'	ERO	1/23/2024	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-23D 64-74'	ERO	4/23/2024	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-23D 64-74'	ERO	7/24/2024	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-23D 64-74'	ERO	7/24/2024	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-23D 64-74'	ERO	1/29/2025	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-24	LTE	5/23/2018	**748**	**6.7**	7.7	<1.0	<1.0	<1.0	--
MW-24	R3	10/11/2018	**1,600**	**9.8**	13	<1.0	<1.0	<1.0	--
MW-24	R3	4/5/2019	**1,800**	**8.2**	11	<1.0	<1.0	<1.0	--
MW-24	R3	10/7/2019	**13,000**	**120**	5.8	<1.0	<1.0	<1.0	--
MW-24	R3	4/7/2020	**11,800**	**110**	5.8	<1.0	<1.0	<1.0	--
MW-24	R3	10/20/2020	**1,400**	**9**	12	<1.0	<1.0	<1.0	--
MW-24	Quantum	10/8/2021	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-24	ERO	1/22/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-24	ERO	4/24/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-24	ERO	7/28/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	BOS
MW-24	ERO	10/16/2023	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-24	ERO	1/23/2024	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-24	ERO	4/23/2024	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-24	ERO	7/30/2024	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-24	ERO	7/30/2024	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-24	ERO	1/30/2025	BOS	BOS	BOS	BOS	BOS	BOS	BOS
MW-25	LTE	5/24/2018	**274**	**19**	2.4	<1.0	<1.0	<1.0	--
MW-25	R3	10/11/2018	**110**	**6.7**	<1.0	<1.0	<1.0	<1.0	--
MW-25	R3	4/5/2019	**110**	**7.0**	<1.0	<1.0	<1.0	<1.0	--
MW-25	R3	10/7/2019	**4,200**	**15**	2.0	<1.0	<1.0	<1.0	--
MW-25	R3	4/7/2020	**2,200**	**17**	3.0	<1.0	<1.0	<1.0	--
MW-25	R3	10/20/2020	**270**	**20**	1.9	<1.0	<1.0	<1.0	--
MW-25	Quantum	12/7/2021	**180**	**15**	1.6	<1.0	<1.0	<1.0	--
MW-25	Quantum	3/24/2022	**380**	**36**	<10	<10	<10	<10	--
MW-25	ERO	1/26/2023	**276**	**42**	3.4	0.287 J	<0.188	<0.234	--
MW-25	ERO	4/25/2023	**244**	**38.1**	2.94	0.188 J	<0.188	<0.234	--
MW-25	ERO	7/13/2023	**232**	**16.5**	<1.26	<1.49	<1.88	<2.34	--
MW-25	ERO	10/17/2023	**270**	**21.5**	<1.26	<1.49	<1.88	<2.34	--
MW-25	ERO	1/24/2024	**319**	**39.6**	4.39 J	<0.745	<0.940	<1.17	--
MW-25	ERO	4/24/2024	**228**	**23.8**	1.81 J	<0.745	<0.940	<1.17	--
MW-25	ERO	7/25/2024	**237**	**24.4**	3.07 J3	0.178 J J3	<0.188 J3	<0.234 J3	--
MW-25	ERO	10/18/2024	**411**	**38.1**	<2.52	<2.98	<3.76	<4.68	--
MW-25	ERO	1/29/2025	**283**	**40.3**	3.71	0.255 J	<0.188	<0.234 C3	--
MW-25	ERO	4/22/2025	**357**	**42.9**	3.93	0.27 J	<0.188	<0.234	--
MW-25	ERO	7/10/2025	**490**	**44.9**	4.31 J	<1.49	<1.88	<2.34	--
MW-26D	RETTEW	3/22/2019	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-26D	Quantum[p]	7/22/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**418**
MW-26D	Quantum[p]	8/23/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	57.6
MW-26D	Quantum[p]	10/7/2021	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	79.4
MW-26D	Quantum	12/9/2021	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	93.2
MW-26D	Quantum	3/25/2022	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	73.2
MW-26D	ERO	1/24/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	98.3
MW-26D	ERO	4/24/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	84.8
MW-26D	ERO	7/14/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	82.2

Table 12. Groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17[n]*	*5[n]*	*70[n]*	*140[n]*	*7[n]*	*2[n]*	*250[o]*
		Sample Date							
MW-26D	ERO	10/16/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	84.6
MW-26D	ERO	1/23/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	74.4
MW-26D	ERO	4/23/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	85.1
MW-26D	ERO	7/24/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	79.6
MW-26D	ERO	10/16/2024	<0.300	<0.190	<0.126	<0.149	<0.188 J3	<0.234 J3	87.2
MW-26D	ERO	1/27/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	85.2
MW-26D	ERO	4/21/2025	--	--	--	--	--	--	NOP
MW-26D	ERO	7/9/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	**747**
MW-27	RETTEW	4/4/2019	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-27	Quantum	12/6/2021	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-27	Quantum	3/22/2022	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-27	ERO	1/24/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-27	ERO	4/24/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-27	ERO	7/12/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-27	ERO	10/16/2023	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-27	ERO	1/23/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-27	ERO	4/23/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-27	ERO	7/24/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-27	ERO	10/16/2024	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-27	ERO	1/27/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-28	RETTEW	4/4/2019	0.668	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-28	ERO	1/24/2023	3.330	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-28	ERO	4/24/2023	2.51	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-28	ERO	7/12/2023	2.22	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-28	ERO	10/16/2023	8.68	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-28	ERO	1/23/2024	8.7	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-28	ERO	4/23/2024	6.41	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-28	ERO	7/24/2024	7.35	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-28	ERO	10/16/2024	7.65	<0.190	<0.126	<0.149	<0.188 J3	<0.234 J3	--
MW-28	ERO	1/28/2025	11.1	0.337 J	<0.126	<0.149	<0.188	<0.234	--
MW-28	ERO								
MW-28	ERO	7/9/2025	5.77	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-29	RETTEW	4/4/2019	**535**	24.5	5.65	1.37	<1.0	<1.0	--
MW-29	Quantum	12/7/2021	**600**	**16**	4.8	1.4	<1.0	<1.0	--
MW-29	Quantum	3/23/2022	**770**	**130**	<1.0	<1.0	<1.0	<1.0	--
MW-29	ERO	2/20/2023	**744**	**42**	7.3	3.7	<1.00	<1.00	--
MW-29	ERO	4/25/2023	**722**	**45.3**	8.29	4.58	<0.188	<0.234	--
MW-29	ERO	7/13/2023	**900**	**34.9**	4.54 J	<2.98	<3.76	<4.68	--
MW-29	ERO	10/17/2023	**550**	**33.9**	3.33 J	<20.0	<20.0	<20.0	--
MW-29	ERO	1/24/2024	**580**	**44.1**	8.55 J	6.97 J	<1.88	<2.34	--
MW-29	ERO	4/24/2024	**831**	**36.2**	3.43 J	4.08 J	<1.88	<2.34	--
MW-29	ERO	7/25/2024	**539**	**44.4**	8.58	8.81	<0.188 J3	<0.234 J3	--
MW-29	ERO	10/18/2024	**554**	**32.8**	7.05 J	4.05 J	<4.70	<5.85	
MW-29	ERO	1/29/2025	NA	NA	NA	NA	NA	NA	NA
MW-29	ERO	4/21/2025	**549**	**34.6**	6.54	4.82	<0.188	<0.234	--
MW-29	ERO	7/10/2025	**315**	**17.8**	3.44 J	3.25 J	<1.88	<2.34	--
MW-30	RETTEW	4/4/2019	**177**	3.57	0.547	<1.0	<1.0	<1.0	--
MW-30	Quantum	12/7/2021	**93**	2.1	<1.0	<1.0	<1.0	<1.0	--
MW-30	Quantum	3/23/2022	**170**	**17**	<1.0	<1.0	<1.0	<1.0	--
MW-30	ERO	1/26/2023	**207**	**6**	0.948 J	<0.149	<0.188	<0.234	--
MW-30	ERO	4/25/2023	**188**	**5.55**	0.761 J	<0.149	<0.188	<0.234	--
MW-30	ERO	7/13/2023	**280**	4.47 J	<1.26	<1.49	<1.88	<2.34	--
MW-30	ERO	10/17/2023	**165**	4.41 J	<1.26	<1.49	<1.88	<2.34	--
MW-30	ERO	1/24/2024	**205**	**6.18**	0.808 J	<0.149	<0.188	<0.234	--
MW-30	ERO	4/24/2024	**268**	3.41 J	<1.26	<1.49	<1.88	<2.34	--
MW-30	ERO	7/25/2024	**183**	**6.21 J3**	0.933 J J3	<0.149 J3	<0.188 J3	<0.234 J3	--
MW-30	ERO	10/18/2024	**200**	**5.62 J**	<1.26	<1.49	<1.88	<2.34	--
MW-30	ERO	1/29/2025	**207**	**6.04**	0.821 J	<0.149	<0.188	<0.234 C3	--
MW-30	ERO	4/22/2025	**239**	**7.37**	0.964 J	<0.149	<0.188	<0.234	--
MW-30	ERO	7/10/2025	**351**	**8.57 J**	<10.0	<10.0	<10.0	<10.0	--
MW-31	RETTEW	4/4/2019	14.4	1.7	<1.0	<1.0	<1.0	<1.0	--
MW-31	Quantum	12/6/2021	**20**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-31	Quantum	3/23/2022	**29**	**11**	<1.0	<1.0	<1.0	<1.0	--
MW-31	ERO	1/25/2023	**23**	2.7	0.752 J	<0.149	<0.188	<0.234	--
MW-31	ERO	4/24/2023	14.4	3.72	0.401 J	<0.149	<0.188	<0.234	--
MW-31	ERO	7/13/2023	**45.2**	4.69	5.61	<0.149	<0.188	<0.234	--

Table 12. Groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17[n]*	*5[n]*	*70[n]*	*140[n]*	*7[n]*	*2[n]*	*250[o]*
		Sample Date							
MW-31	ERO	10/17/2023	14.3	2.2	0.288 J	<0.149	<0.188	<0.234	--
MW-31	ERO	1/23/2024	**17.5**	3.12	0.566 J	<0.149	<0.188	<0.234	--
MW-31	ERO	4/23/2024	**18.7**	**7.11**	0.422 J	<0.149	<0.188	<0.234	--
MW-31	ERO	7/24/2024	13.9	4.68	0.205 J	<0.149	<0.188	<0.234	--
MW-31	ERO	10/16/2024	13.3	2.28	<0.126	<0.149	<0.188	<0.234	--
MW-31	ERO	1/28/2025	14	2.76	0.437 J	<0.149	<0.188	<0.234	--
MW-31	ERO	4/21/2025	16	2.24	0.247 J	<0.149	<0.188	<0.234	--
MW-31	ERO	7/9/2025	12.5	2.57	0.192 J	<0.149	<0.188	<0.234	--
MW-32	Quantum	12/7/2021	4.2	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-32	Quantum	3/23/2022	6.3	2.9	<1.0	<1.0	<1.0	<1.0	--
MW-32	ERO	1/24/2023	11.5	1.6	0.253 J	<0.149	<0.188	<0.234	--
MW-32	ERO	4/24/2023	3.52	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-32	ERO	7/12/2023	14.1	1.31	0.308 J	<0.149	<0.188	<0.234	--
MW-32	ERO	10/16/2023	**17.5**	2.26	0.665 J	<0.149	<0.188	<0.234	--
MW-32	ERO	1/23/2024	**17.7**	2.44	0.794 J	<0.149	<0.188	<0.234	--
MW-32	ERO	4/23/2024	**19.7**	2.69	0.617 J	<0.149	<0.188	<0.234	--
MW-32	ERO	7/24/2024	**19.7**	2.64	0.761 J	<0.149	<0.188	<0.234	--
MW-32	ERO	10/16/2024	**17.7**	3.12	01.11 J	<0.149	<0.188	<0.234	--
MW-32	ERO	1/28/2025	16.2	2.74	0.802 J	<0.149	<0.188	<0.234	--
MW-32	ERO	4/21/2025	**17.7**	2.14	0.505 J	<0.149	<0.188	<0.234	--
MW-32	ERO	7/9/2025	**15.5**	2.49	0.802 J	<0.149	<0.188	<0.234	--
MW-33	Quantum	12/7/2021	**64**	<1.0	<1.0	<1.0	<1.0	<1.0	--
MW-33	Quantum	3/23/2022	**66**	**5.3**	<1.0	<1.0	<1.0	<1.0	--
MW-33	ERO	1/26/2023	**46**	1.8	0.309 J	<0.149	<0.188	<0.234	--
MW-33	ERO	4/25/2023	**49**	1.51	0.192 J	<0.149	<0.188	<0.234	--
MW-33	ERO	7/13/2023	**81.4**	2.81	0.333 J	<0.149	<0.188	<0.234	--
MW-33	ERO	10/17/2023	**70**	2.08	<0.126	<0.149	<0.188	<0.234	--
MW-33	ERO	1/24/2024	**76**	2.44	0.794 J	<0.149	<0.188	<0.234	--
MW-33	ERO	4/23/2024	**88.3**	2.82	0.378 J	<0.149	<0.188	<0.234	--
MW-33	ERO	7/24/2024	**79**	1.98	<0.126	<0.149	<0.188	<0.234	--
MW-33	ERO	10/16/2024	**80.2**	2.81	0.251 J	<0.149	<0.188	<0.234	--
MW-33	ERO	1/28/2025	**139**	4.59	1.12	<0.149	<0.188	<0.234	--
MW-33	ERO	4/21/2025	**89.2**	2.71	0.456 J	<0.149	<0.188	<0.234	--
MW-33	ERO	7/10/2025	**76.4**	3.24	0.602 J	<0.149	<0.188	<0.234	--
MW-34	Quantum	12/7/2021	**35**	**67**	27	20	<1.0	<1.0	--
MW-34	Quantum	3/23/2022	**58**	**370**	<1.0	<1.0	<1.0	<1.0	--
MW-34	ERO	1/26/2023	**49**	**110**	39.9 J	26	<0.188	<0.234	--
MW-34	ERO	4/25/2023	**47**	**109**	39.4	26.3	<0.188	<0.234	--
MW-34	ERO	7/13/2023	**65.5**	**114**	40.6	26.7	0.53 J	0.872 J	--
MW-34	ERO	10/17/2023	**75.4**	**117**	42.4	25	0.479 J	0.39 J	--
MW-34	ERO	1/24/2024	**94.3**	**145**	39.4	27.1	0.26 J	0.236 J	--
MW-34	ERO	4/23/2024	**115**	**158**	48.6	31.2	<0.188	<0.234	--
MW-34	ERO	7/25/2024	**102**	**126**	55.1	32	<0.188	<0.234	--
MW-34	ERO	10/16/2024	**95.5**	**128**	54.2	31.5	0.731 J	0.719 J	--
MW-34	ERO	1/29/2025	**98.4**	**111**	37.7	25.9	0.198 J	<0.234 C3 J3 J4	--
MW-35	Quantum	12/7/2021	**290**	3.9	1.6	<1.0	<1.0	<1.0	--
MW-35	Quantum	3/23/2022	**380**	**31**	<1.0	<1.0	<1.0	<1.0	--
MW-35	ERO	1/26/2023	**311**	**9.0**	2.5	<0.149	<0.188	<0.234	--
MW-35	ERO	4/25/2023	**286**	**6.57**	1.83	<0.149	<0.188	<0.234	--
MW-35	ERO	7/13/2023	**222**	2.46 J	<1.26	<1.49	<1.88	<2.34	--
MW-35	ERO	10/17/2023	**91.8**	1.97	0.532 J	<0.149	<0.188	<0.234	--
MW-35	ERO	1/24/2024	**258**	**7.04**	2.5	0.175 J	<0.188	<0.234	--
MW-35	ERO	4/24/2024	**174**	4.03	0.989 J	<0.149	<0.188	<0.234	--
MW-35	ERO	7/25/2024	**193**	4.5	1.53	<0.149	<0.188	<0.234	--
MW-35	ERO	10/18/2024	**160**	3.08 J	<1.26	<1.49	<1.88	<2.34	--
MW-35	ERO	1/28/2025	**226**	<1.90	<1.26	<1.49	<1.88	<2.34	--
MW-35	ERO	4/21/2025	**259**	6.79	2.06	<0.149	<0.188	<0.234	--
MW-35	ERO	7/10/2025	**269**	4.79 J	<1.26	<1.49	<1.88	<2.34	--
MW-35 DUP	ERO	1/26/2023	**352**	**8.9**	2.4	<0.149	<0.188	<0.234	--
MW-37	ERO	4/22/2025	**568**	62.3	6.57	0.512 J	<0.188	<0.234	--
MW-37	ERO	7/10/2025	**761**	62.2	10 J	<7.45	<9.40	<11.7	--
MW-39	ERO	1/29/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-39	ERO	4/22/2025	0.316 J	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-39	ERO	7/10/2025	0.493 J	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-39 DUP	ERO	1/29/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-39 DUP	ERO	4/22/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--

Table 12. Groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17[n]*	*5[n]*	*70[n]*	*140[n]*	*7[n]*	*2[n]*	*250[o]*
		Sample Date							
MW-40	ERO	1/27/2025	**72.2**	2.08	1.5	<0.149	<0.188	<0.234	--
MW-40	ERO	4/21/2025	**46.3**	1.79	1.12	<0.149	<0.188	<0.234	--
MW-40	ERO	7/10/2025	**58**	2.26	1.54	<0.149	<0.188	<0.234	--
MW-41	ERO	1/27/2025	**62.4**	0.782 J	0.449 J	<0.149	<0.188	<0.234	--
MW-41	ERO	4/21/2025	**40.7**	0.509 J	0.147 J	<0.149	<0.188	<0.234	--
MW-41	ERO	7/10/2025	**55**	0.633 J	0.221 J	<0.149	<0.188	<0.234	--
MW-42	ERO	1/27/2025	**425**	**114**	8.51	9.92	<0.188	<0.234	--
MW-42	ERO	4/21/2025	**296**	**173**	10.1	16.4	<0.188	<0.234	--
MW-42	ERO	7/10/2025	**215**	**68.9**	3.48 J	4.66 J	<3.76	<4.68	--
MW-42 DUP	ERO	7/10/2025	**150**	**74.2**	3.75	5.03	<0.188	<0.234	--
MW-43	ERO	1/27/2025	**45.5**	7.64	0.208 J	<0.149	<0.188	<0.234	--
MW-43	ERO	4/21/2025	**34.4**	6.88	<0.126	<0.149	<0.188	<0.234	--
MW-43	ERO	7/9/2025	**45.7**	8.96	0.23 J	<0.149	<0.188	<0.234	--
MW-44	ERO	1/27/2025	4.23	1.17	<0.126	<0.149	<0.188	<0.234	--
MW-44	ERO	4/21/2025	6.91	2.01	<0.126	<0.149	<0.188	<0.234	--
MW-44	ERO	7/9/2025	6.36	2.1	0.195 J	<0.149	<0.188	<0.234	--
MW-45 40-45'	ERO	1/28/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-45 40-45'	ERO	4/21/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-45 40-45'	ERO	7/9/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-45 48-53'	ERO	1/28/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-45 48-53'	ERO	4/21/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-45 48-53'	ERO	7/9/2025	<0.300	<0.190	<0.126	<0.149	<0.188	0.331 J	--
MW-45 55-60'	ERO	1/28/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-45 55-60'	ERO	4/21/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-45 55-60'	ERO	7/9/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-46 40-45'	ERO	1/28/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-46 40-45'	ERO	4/21/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-46 40-45'	ERO	7/9/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-46 48-53'	ERO	1/28/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-46 48-53'	ERO	4/21/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-46 48-53'	ERO	7/9/2025	<0.300	<0.190	<0.126	<0.149	<0.188	0.353 J	--
MW-46 55-60'	ERO	1/28/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-46 55-60'	ERO	4/21/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-46 55-60'	ERO	7/9/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-47 40-45'	ERO	1/28/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-47 40-45'	ERO	4/21/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-47 40-45'	ERO	7/9/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-47 48-53'	ERO	1/28/2025	0.542 J	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-47 48-53'	ERO	4/21/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-47 48-53'	ERO	7/9/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-47 55-60'	ERO	1/28/2025	DRY	DRY	DRY	DRY	DRY	DRY	--
MW-47 55-60'	ERO	4/21/2025	<0.300	<0.190	<0.126	<0.149	<0.188	<0.234	--
MW-47 55-60'	ERO	7/9/2025	<0.300	<0.190	<0.126	<0.149	<0.188	0.239 J	--
8946-2	ERO	1/30/2025	**1380**	2.03	0.389 J	<1.00	<1.00	<1.00 C3	--
8946-2	ERO	4/22/2025	**624**	2.03	<0.126	<0.149	<0.188	<0.234	--
8946-2	ERO	7/10/2025	**521**	2.43	<0.126	<0.149	<0.188	<0.234	--
8946-6	ERO	1/30/2025	**502**	0.899 J	0.211 J	<1.00	<1.00	<1.00 C3	--
8946-6	ERO	4/22/2025	**252**	0.699 J	<0.126	<0.149	<0.188	<0.234	--
8946-6	ERO	7/10/2025	**388**	<1.90	<1.26	<1.49	<1.88	<2.34	--
TMW-10	RETTEW	3/8/2019	9.69	1.24	<1.0	<1.0	<1.0	<1.0	--
TMW-2	RETTEW	3/8/2019	**122**	4.69	0.913	<1.0	<1.0	<1.0	--
TMW-3	RETTEW	3/7/2019	**595**	**9.16**	4.87	<1.0	<1.0	<1.0	--
TMW-4	RETTEW	3/8/2019	**787**	**31.9**	8.83	1.95	<1.0	<1.0	--
TMW-5	RETTEW	3/7/2019	**824**	**25.0**	9.48	<1.0	<1.0	<1.0	--
TMW-7	RETTEW	3/7/2019	**70.8**	2.44	<1.0	<1.0	<1.0	<1.0	--

Shaded - Most recent sampling

Blue highlighted cell indicates that the constituent was detected in the water sample

Bold value indicates that the constituent was detected in the water sample at a concentration greater than the CBGWS

DRY = Well is dry at time of sampling event

NA = Well was inaccessible at the time of sampling event

"<" indicates that the constituent was detected in the water sample at a concentration greater than or equal to the laboratory reporting limit. Associated value is the laboratory reporting

[a] µg/L = micrograms per liter

[b] mg/L = milligrams per liter

[c] Freedom = Freedom Environmental Constultants, Inc.

Table 12. Groundwater sample results.

Well ID	Contractor	Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	1,1-Dichloroethene	Vinyl Chloride	Chloride
		Units	µg/L[a]	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L[b]
		Method	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*8260B/ 8260C*	*325.3*
		CGS	*17*[n]	*5*[n]	*70*[n]	*140*[n]	*7*[n]	*2*[n]	*250*[o]
		Sample Date							

[d] LTE = LT Environmental, Inc.

[e] R3 = Remediation Risk Reduction, LLC

[f] RETTEW = Rettew Associates, Inc.

[g] Quantum = Quantum Water & Environment

[h] ND = no detection

[i] NR = not reported in previous reports

[m] A dash (--) indicates that the water sample was not analyzed for the constituent indicated.

[n] Water Quality Standard from Colorado Water Quality Control Commission Regulation No. 41: The Basic Standards for Ground Water, Table A (June 30, 2020).

[p] Sample was collected as part of Post-Injection Monitoring after BOS-100 injections.

[o] Water Quality Standard from Colorado Water Quality Control Commission Regulation No. 41: The Basic Standards for Ground Water, Table 2 - Domestic Water Supply Well - Drinking Wate

A "C3" qualifier means the reported concentration is an estimate

A "J" qualifier means the identification of the analyte is acceptable; the reported value is an estimate.

A "J3" qualifier means associated batch QC was outside the established quality control range for precision.

A "J4" qualifier means associated batch QC was outside the established quality control range for accuracy.

Figures

Figure 1. Vicinity Map.

Figure 2. Groundwater Elevations 1st Quarter 2025.
Figure 3. Groundwater Elevations 2nd Quarter 2025.

Figure 4. Groundwater Flow and PCE Concentrations 1st Quarter 2025.
Figure 5. Groundwater PCE Concentrations – Detail 1st Quarter 2025

Figure 6. Groundwater Flow and PCE Concentrations 2nd Quarter 2025.
Figure 7. Groundwater PCE Concentrations – Detail 2nd Quarter 2025

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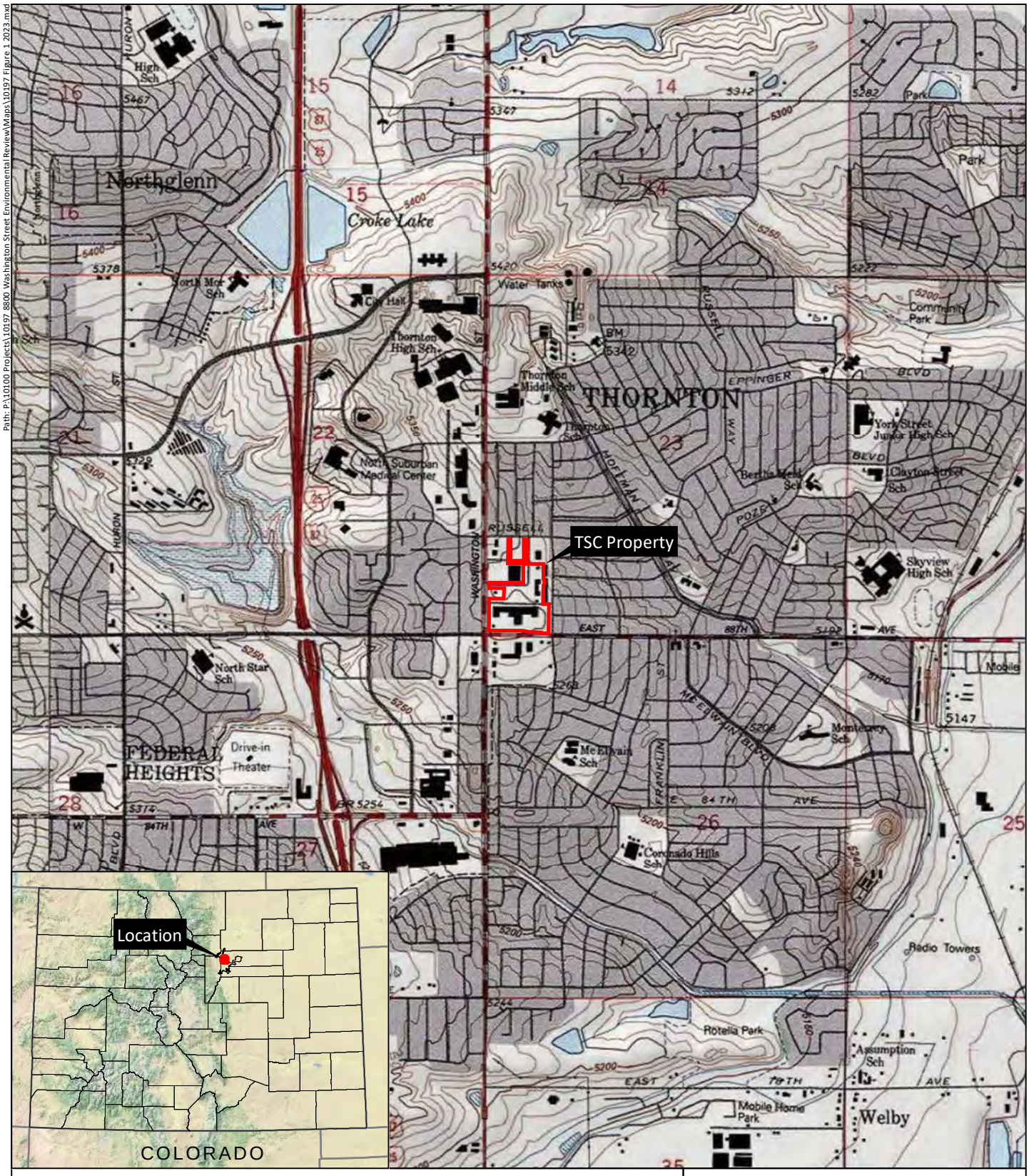

Thornton Shopping Center

Section 23, T2S, R68W; 6th PM

UTM NAD 83: Zone 13N; 502054mE, 4411959mN

Longitude 104.975982°W, Latitude 39.857657°N

USGS Commerce City, CO Quadrangle

Adams County, Colorado

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Figure 1
Vicinity Map

File: 10197 Figure 1 2023.mxd [dlH]
March 31, 2023

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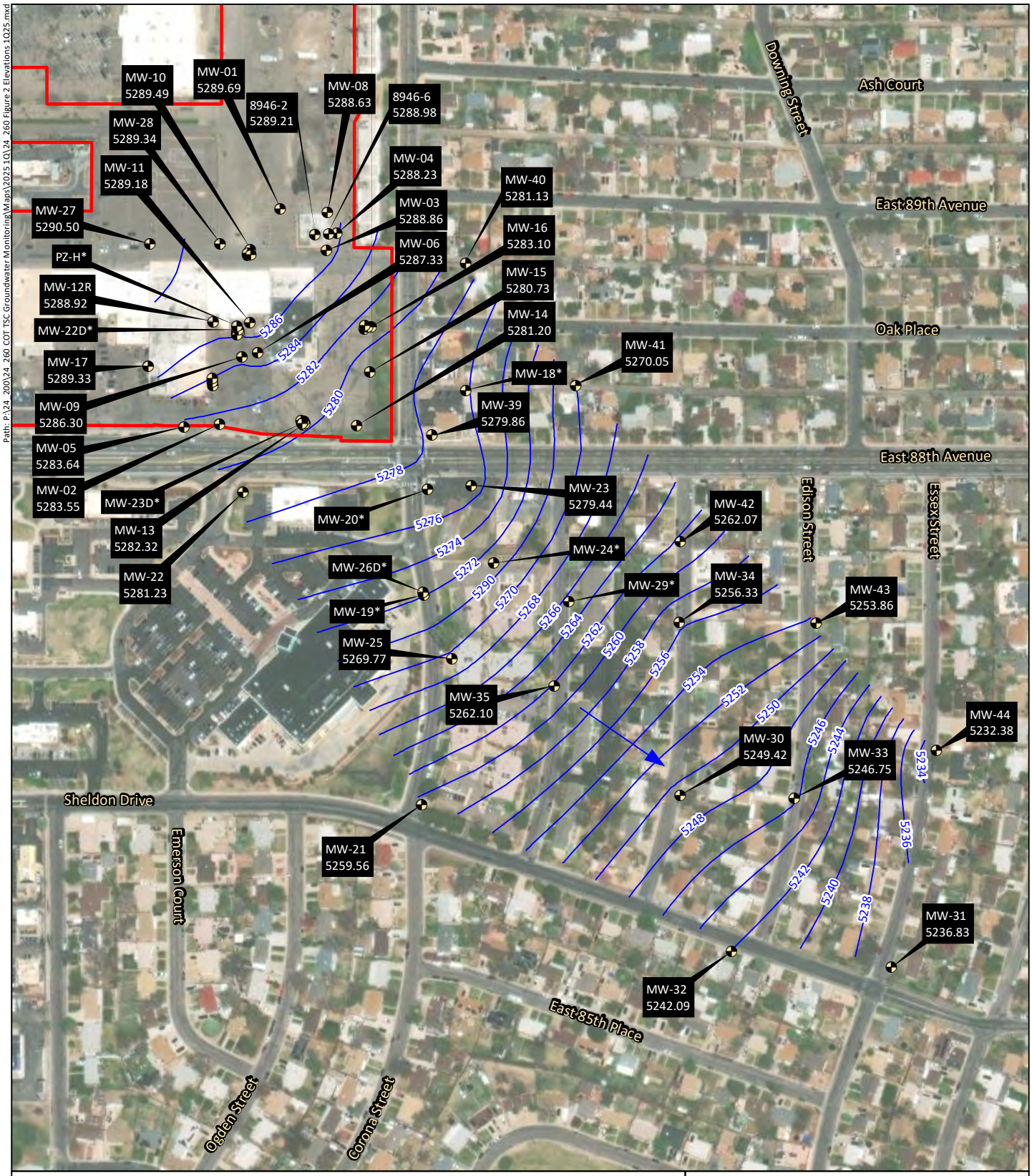


Thornton Shopping Center

- Monitoring Well Location
- TSC Property
- 2-Foot Groundwater Contour Interval
- Direction of Groundwater Flow

MW-21 5259.56 Well ID / Groundwater Elevation

* - Not Used for Contouring

0 150 300 feet

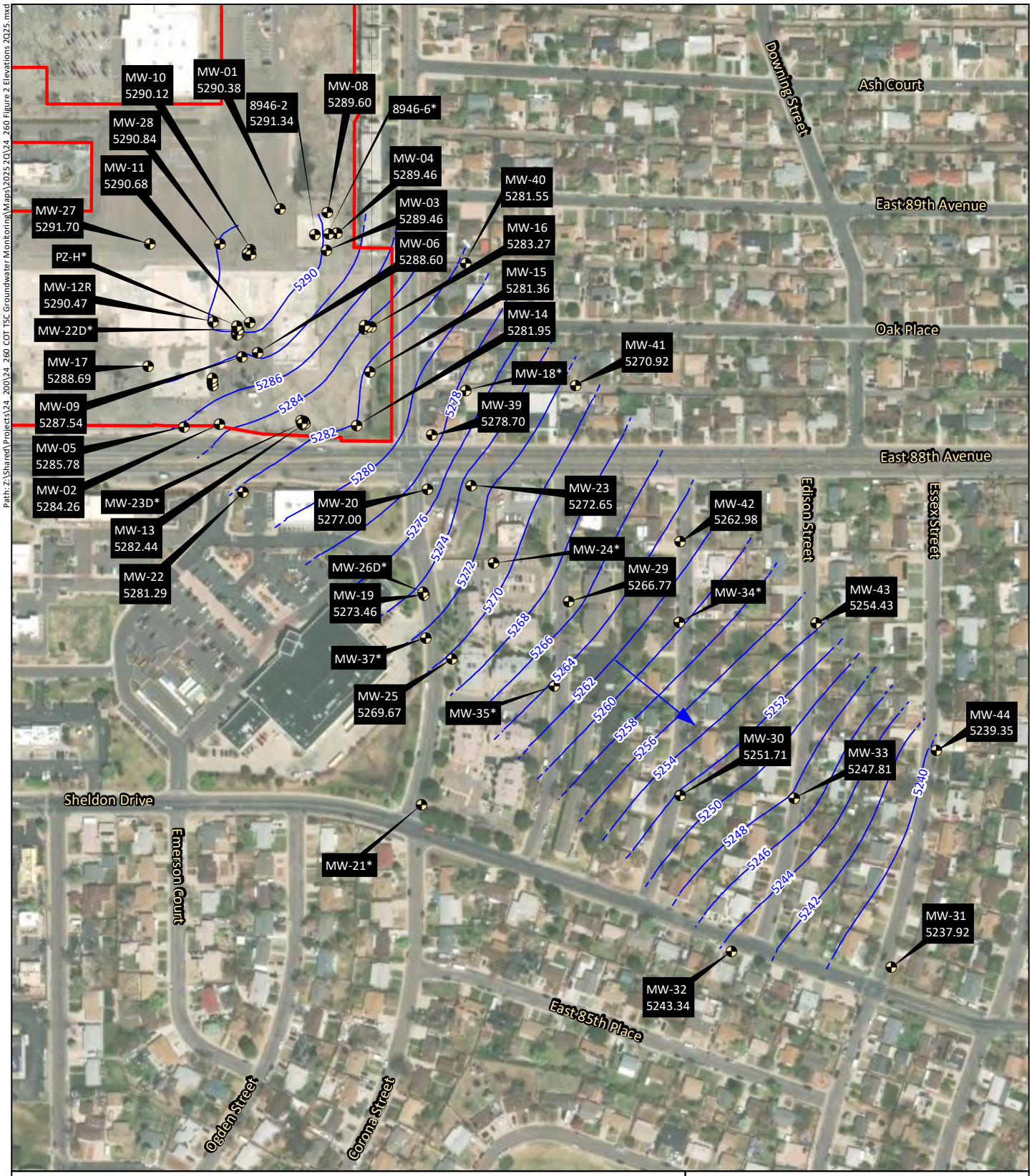
N

Figure 2
Groundwater Elevations
1st Quarter 2025

File: 24_260 Figure 2 Elevations 1Q25.mxd [dlH]
March 27, 2025

ERO Resources Corp.

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community 5/5/2023



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Thornton Shopping Center

- Monitoring Well Location
- TSC Property
- 2-Foot Groundwater Contour Interval
- Inferred Contour
- Direction of Groundwater Flow
- * - Not Used for Contouring

MW-21 5259.56 Well ID / Groundwater Elevation

0 150 300 feet

N

Figure 3
Groundwater Elevations
2nd Quarter 2025

ERO Resources Corp.

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community 5/5/2023

Path: Z:\Shared\Projects\24_200\24_260 COT TSC Groundwater Monitoring\Maps\2025 1Q\24_260 Figure 3 Elevations PCE 1Q25.mxd

Thornton Shopping Center

TSC Property
Monitoring Well Location
2-Foot Groundwater Contour Interval
Direction of Groundwater Flow

MW-21 / 5259.56 / <1.00 — Well ID / Groundwater Elevation (feet AMSL) / PCE Concentration in µg/L

* - Not Used for Contouring

0 125 250 feet

N

Figure 4
Groundwater and PCE Concentrations
1st Quarter 2025

ERO Resources Corp.

Aerial Image: © Copyright Google Earth Pro 6/10/2021

Thornton Shopping Center

TSC Property

Monitoring Well Location

2-Foot Groundwater Contour Interval

MW-22 — Well ID
5281.23 — Groundwater Elevation (feet AMSL)
0.6 J — PCE Concentration in µg/L
NS - Not Sampled

* - Not Used for Contouring

0 35 70 feet

N

Figure 5
Groundwater and PCE Concentrations - Detail
1st Quarter 2025

ERO Resources Corp.

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community 4/22/2022

Path: Z:\Shared\Projects\24_200\24_260 COT TSC Groundwater Monitoring\Maps\2025 2Q\24_260 Figure 3 Elevations PCE 2Q25.mxd

Russel Boulevard
Washington Street
Corona Street
Downing Street
Ash Court
East 89th Avenue
Oak Place
East 88th Avenue
Edison Street
Essex Street
Sheldon Drive
Emerson Court
Ogden Street
Corona Street
East 85th Place

MW-01 5290.38 NOP
MW-10 5290.12 NOP
8946-2 5291.34 624
MW-08 5289.60 NOP
MW-28 5290.84 NOP
8946-6* 252
MW-11 5290.68 53,300
MW-04 5289.46 161
MW-27 5291.70 NOP
MW-40 5281.55 46.3
MW-03 5289.46 14.6
MW-16 5283.27 76.3
MW-12R 5290.47 138
MW-06 5288.60 2,490
See Figure 5
MW-22D Cluster*
MW-15 5281.36 1,460
MW-17 5288.69 NOP
MW-14 5281.95 7,330
MW-09 5287.54 6,190
MW-18* INA
MW-41 5270.92 40.7
MW-39 5278.70 0.316J
MW-05 5285.78 NOP
MW-23 5272.65 NOP
MW-02 5284.26 730
MW-23D Cluster*
MW-20 5277.00 BOS
MW-42 5262.98 296
MW-24* BOS
MW-26D* NOP
MW-29 5266.77 594
MW-34* INA
MW-43 5254.43 34.4
MW-13 5282.44 8,050
MW-19 5273.46 BOS
MW-22 5281.29 NOP
MW-27 568
MW-25 5269.67 357
MW-35* 259
MW-30 5251.71 239
MW-44 5239.35 6.91
MW-33 5247.81 82.9
MW-21* INA
MW-31 5237.92 16
MW-32 5243.34 17.7

5290 5288 5282 5280 5278 5276 5274 5272 5270 5268 5266 5264 5262 5260 5258 5256 5254 5252 5250 5248 5246 5244 5242 5240

Thornton Shopping Center

TSC Property
Monitoring Well Location
2-Foot Groundwater Contour Interval
Inferred Contour
Direction of Groundwater Flow
* - Not Used for Contouring

MW-21 Well ID
5259.56 Groundwater Elevation (feet AMSL)
<1.00 PCE Concentration in µg/L

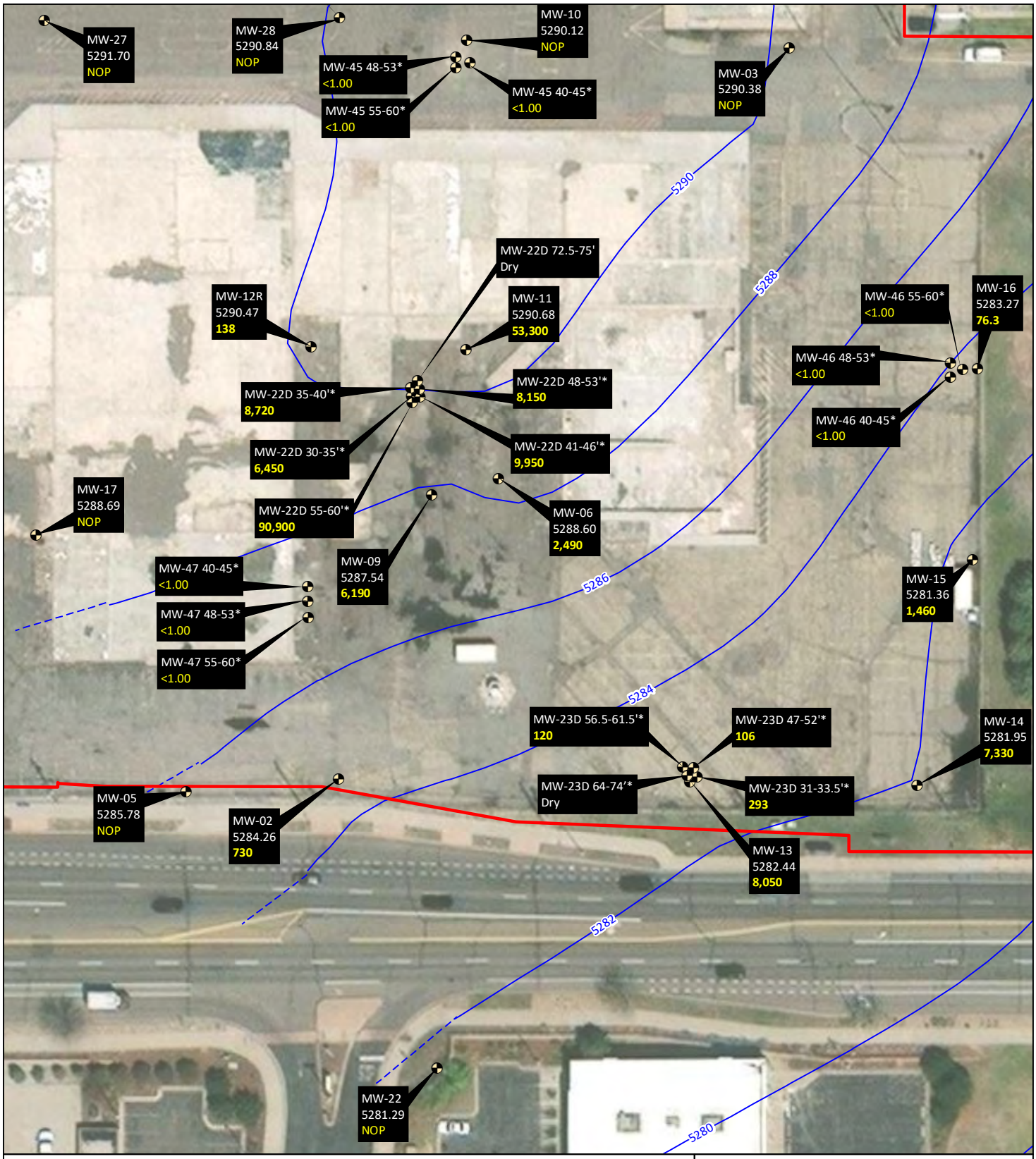
0 125 250 feet

N

Figure 6
Groundwater and
PCE Concentrations
2nd Quarter 2025

ERO Resources Corp.

Aerial Image: © Copyright Google Earth Pro 6/10/2021



Thornton Shopping Center

TSC Property

Monitoring Well Location

2-Foot Groundwater Contour Interval

Inferred Contour

* - Not Used for Contouring

MW-22
5281.23
0.6 J

Well ID
Groundwater Elevation (feet AMSL)
PCE Concentration in µg/L
NS - Not Sampled

0 35 70 feet

N

Figure 7
Groundwater and PCE Concentrations - Detail
2nd Quarter 2025

ERO Resources Corp.

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community 4/22/2022

Appendix A Field Sheets

Groundwater Sample Field Data Sheet

Sample Identification No. MW-01

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CTS

Well Information

Well No: MW-01 Well Dia. (in) 2
Screen Interval Depth: 20'
Total Well Depth: 29.06

Well Purging Information

Date and time of Well Purging: 1/27/25 1100
Depth to Water Level (ft-below TOC): 9.47
Well Casing Volume (gallons): 3.2
Volume to be Evacuated During Purging (gallons): 9.6
Total volume purged (gallons) 6.5 Dry

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1115	1125	1135			
Volume (gallons)		Qal	4.5	6.0			
pH (SI units) .....+/-0.2		7.17	7.59	7.75			
Temperature (°C) .....+/-3%		16.2	17.2	15.9			
SC (umhos/cm) .....+/-3%		1134	3924	4933			
ORP (milivlts) .....+/-20		-37.7	-33.0	-31.2			
DO (mg/l) .....+/-10%		7.44	5.16	4.53			
DTW							
Color		clear	sl. turbid	sl. turbid			

Sample Collection Information

Date and Time of Sample Collection: 1/27/25 1350

Sampling Method (circle) (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples:

Comments/Observations

Ice in vault

Groundwater Sample Field Data Sheet

Sample Identification No. MW-02

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-02 Well Dia. (in) 2"
Screen Interval Depth: 20
Total Well Depth: 29

Well Purging Information

Date and time of Well Purging: 1/29/25 1217
Depth to Water Level (ft-below TOC): 18.66
Well Casing Volume (gallons): 1.65
Volume to be Evacuated During Purging (gallons): 5.0
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1217	1222	1227	1232		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		6.74	7.11	7.13	7.13		
Temperature (°C) .....+/-3%		16.9	17.2	17.5	17.5		
SC (umhos/cm) .....+/-3%		6650	5848	5755	5877		
ORP (milivlts) .....+/-20		119.1	118.9	119.7	119.8		
DO (mg/l) .....+/-10%		0.81	0.37	0.35	0.43		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/29/25 1232

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-03

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM / KF

Well Information

Well No: MW-03 Well Dia. (in) 2"
Screen Interval Depth: 25
Total Well Depth: 29

Well Purging Information

Date and time of Well Purging: 1/28/25 1145
Depth to Water Level (ft-below TOC): 12.21
Well Casing Volume (gallons): 2.3
Volume to be Evacuated During Purging (gallons): 8.1
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1145	1150	1155	1200		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.18	7.21	7.20	7.18		
Temperature (°C) .....+/-3%		15.6	16.3	16.4	16.3		
SC (umhos/cm) .....+/-3%		5487	5097	5037	4985		
ORP (milivlts) .....+/-20		114.1	113.7	112.7	112.0		
DO (mg/l) .....+/-10%		1.14	0.29	0.27	0.29		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/28/25 1200

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml vial	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-04

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/KF

Well Information

Well No: MW-04 Well Dia. (in) 2"
Screen Interval Depth: 20'
Total Well Depth: 29'

Well Purging Information

Date and time of Well Purging: 1/28/25 1308
Depth to Water Level (ft-below TOC): 11.19
Well Casing Volume (gallons): 2.84
Volume to be Evacuated During Purging (gallons): 8.54
Total volume purged (gallons) \

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		13:08	1313	1318	1323		
Volume (gallons)		0	0.25	0.5	1		
pH (SI units) .....+/-0.2		7.38	7.36	7.36	7.36		
Temperature (°C) .....+/-3%		15.3	16.1	16.3	16.3		
SC (umhos/cm) .....+/-3%		4347	3251	3147	3120		
ORP (milivlts) .....+/-20		114.6	115.8	115.9	115.7		
DO (mg/l) .....+/-10%		1.92	0.46	0.26	0.26		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/28/25 1323

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-05

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CAS

Well Information

Well No: MW-05 Well Dia. (in) 2
Screen Interval Depth: 30
Total Well Depth: 40

Well Purging Information

Date and time of Well Purging: 1/27/25 1145
Depth to Water Level (ft-below TOC): 18.94
Well Casing Volume (gallons): 3.44
Volume to be Evacuated During Purging (gallons): 10.3
Total volume purged (gallons) 6 Dry

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1150	1205				
Volume (gallons)		0.1	5				
pH (SI units) .....+/-0.2		7.13	7.09				
Temperature (°C) .....+/-3%		16.0	16.2				
SC (umhos/cm) .....+/-3%		5635	6737				
ORP (milivlts) .....+/-20		-64	-74				
DO (mg/l) .....+/-10%		2.50	2.46				
DTW							
Color		Dark black	Dark black				

Sample Collection Information

Date and Time of Sample Collection: 1/27/25 1405

Sampling Method (circle): (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples:

Comments/Observations Ice in vault

Groundwater Sample Field Data Sheet

Sample Identification No. MW-06

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-06 Well Dia. (in) 2"
Screen Interval Depth: 20
Total Well Depth: 24'

Well Purging Information

Date and time of Well Purging: 1/29/25 1315
Depth to Water Level (ft-below TOC): 15.90
Well Casing Volume (gallons): 1.6
Volume to be Evacuated During Purging (gallons): 4.8
Total volume purged (gallons) 1

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1315	1320	1325	1330		
Volume (gallons)		0	0.25	0.5	1		
pH (SI units) .....+/-0.2		7.25	7.20	7.20	7.20		
Temperature (°C) .....+/-3%		16.3	17.2	17.2	17.4		
SC (umhos/cm) .....+/-3%		5405	5562	5623	5634		
ORP (milivlts) .....+/-20		112.8	112.5	112.1	111.7		
DO (mg/l) .....+/-10%		0.73	0.28	0.19	0.15		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/29/25 1330

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40 mlvoa	6	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: MW-06 DUP @ 1330

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-08

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/KF

Well Information

Well No: MW-08 Well Dia. (in) 2"
Screen Interval Depth: 20'
Total Well Depth: 29'

Well Purging Information

Date and time of Well Purging: 1/28/25 0856
Depth to Water Level (ft-below TOC): 10.32
Well Casing Volume (gallons): 3.0
Volume to be Evacuated During Purging (gallons): 9.0
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		0856	0901	0906	0911		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.21	7.22	7.23	7.24		
Temperature (°C) .....+/-3%		14.0	14.5	14.5	14.4		
SC (umhos/cm) .....+/-3%		5226	5507	5477	5354		
ORP (milivlts) .....+/-20		116.0	113.9	112.7	111.1		
DO (mg/l) .....+/-10%		0.58	0.27	0.20	0.19		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/28/25 0911

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-09

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-09 Well Dia. (in) 2"
Screen Interval Depth: 10'
Total Well Depth: 20'

Well Purging Information

Date and time of Well Purging: 1/30/25 1011
Depth to Water Level (ft-below TOC): 16.23
Well Casing Volume (gallons): 0.6
Volume to be Evacuated During Purging (gallons): 1.8
Total volume purged (gallons) 0.5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1011	1016	1021	1026		
Volume (gallons)		0	40.25	0.25	0.5		
pH (SI units) .....+/-0.2		7.31	7.27	7.46	7.37		
Temperature (°C) .....+/-3%		15.1	14.7	14.7	14.6		
SC (umhos/cm) .....+/-3%		5585	5756	2052	1733		
ORP (milivlts) .....+/-20		92.1	105.1	108.0	109.4		
DO (mg/l) .....+/-10%		0.93	0.95	4.55	4.89		
DTW		—	—	—	—		
Color		turbid brown	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/30/25 1026

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-10

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-10 Well Dia. (in) 2"
Screen Interval Depth: 15'
Total Well Depth: 25'

Well Purging Information

Date and time of Well Purging: 1/30/25 1101
Depth to Water Level (ft-below TOC): 12.24
Well Casing Volume (gallons): 2.0
Volume to be Evacuated During Purging (gallons): 6.1
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1101	1106	1111	1116		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		6.69	6.76	6.78	6.80		
Temperature (°C) .....+/-3%		15.6	16.2	16.4	16.7		
SC (umhos/cm) .....+/-3%		10079	10676	10734	10607		
ORP (milivlts) .....+/-20		109.1	110.7	111.5	111.3		
DO (mg/l) .....+/-10%		1.00	0.36	0.18	0.14		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/30/25 1116

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Resampling- original samples arrived broken to lab

Groundwater Sample Field Data Sheet

Sample Identification No. MW-11

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-11 Well Dia. (in) 2"
Screen Interval Depth: 15'
Total Well Depth: 24'

Well Purging Information

Date and time of Well Purging: 1/30/25 1039
Depth to Water Level (ft-below TOC): 14.07
Well Casing Volume (gallons): 1.6
Volume to be Evacuated During Purging (gallons): 4.8
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1039	1044	1049	1054		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.50	7.50	7.50	7.49		
Temperature (°C) .....+/-3%		15.7	16.1	16.1	16.2		
SC (umhos/cm) .....+/-3%		1470	1452	1443	1469		
ORP (milivlts) .....+/-20		109.4	109.8	109.6	109.8		
DO (mg/l) .....+/-10%		1.12	0.24	0.22	0.26		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/30/25 1054

Sampling Method (circle): Bailer (Peristaltic Pump) Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

—

Groundwater Sample Field Data Sheet

Sample Identification No. MW-12R

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/KF

Well Information

Well No: MW-12R Well Dia. (in) 2"
Screen Interval Depth: 15'
Total Well Depth: 24.5

Well Purging Information

Date and time of Well Purging: 1/28/25 1342
Depth to Water Level (ft-below TOC): 14.36
Well Casing Volume (gallons): 1.6
Volume to be Evacuated During Purging (gallons): 4.7
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1342	1347	1352	1357		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		8.18	8.01	7.99	7.99		
Temperature (°C) .....+/-3%		15.9	15.9	15.9	16.0		
SC (umhos/cm) .....+/-3%		1313	1204	1176	1168		
ORP (milivlts) .....+/-20		116.4	117.2	118.0	117.7		
DO (mg/l) .....+/-10%		0.32	0.12	0.10	0.07		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/28/25 1357

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-13

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-13 Well Dia. (in) 2"
Screen Interval Depth: 15'
Total Well Depth: 25'

Well Purging Information

Date and time of Well Purging: 1/29/25 1349
Depth to Water Level (ft-below TOC): 18.70
Well Casing Volume (gallons): 1.0
Volume to be Evacuated During Purging (gallons): 3.0
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1349	1354	1359	1404		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.05	7.13	7.14	7.13		
Temperature (°C) .....+/-3%		15.9	16.1	16.2	16.3		
SC (umhos/cm) .....+/-3%		6416	6547	6538	6550		
ORP (milivlts) .....+/-20		112.8	112.8	112.7	112.7		
DO (mg/l) .....+/-10%		0.80	0.22	0.12	0.16		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/29/25 1404

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)
125ml poly	1	—	Chloride.

Associated QA/QC Samples: —

Comments/Observations

—

Groundwater Sample Field Data Sheet

Sample Identification No. MW-14

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-14 Well Dia. (in) 2"
Screen Interval Depth: 15'
Total Well Depth: 25'

Well Purging Information

Date and time of Well Purging: 1/29/25 1414
Depth to Water Level (ft-below TOC): 19.11
Well Casing Volume (gallons): 0.9
Volume to be Evacuated During Purging (gallons): 2.8
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1414	1419	1424	1429		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.07	7.08	7.09	7.09		
Temperature (°C) .....+/-3%		15.6	16.1	16.0	16.1		
SC (umhos/cm) .....+/-3%		6967	6954	6948	6931		
ORP (milivlts) .....+/-20		114.5	114.9	114.8	114.7		
DO (mg/l) .....+/-10%		0.43	0.17	0.15	0.12		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/29/25 1429

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)
125ml poly	1	—	Chloride

Associated QA/QC Samples: —

Comments/Observations

—

Groundwater Sample Field Data Sheet

Sample Identification No. MW-15

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-15 Well Dia. (in) 2"
Screen Interval Depth: 5'
Total Well Depth: 24.5'

Well Purging Information

Date and time of Well Purging: 1/29/25 1244
Depth to Water Level (ft-below TOC): 19.43
Well Casing Volume (gallons): 0.8
Volume to be Evacuated During Purging (gallons): 2.4
Total volume purged (gallons) 1

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1244	1249	1254	1259		
Volume (gallons)		0	0.5	0.75	1		
pH (SI units) .....+/-0.2		7.02	7.06	7.06	7.07		
Temperature (°C) .....+/-3%		15.3	16.0	15.5	15.6		
SC (umhos/cm) .....+/-3%		6034	6103	6105	6076		
ORP (milivlts) .....+/-20		119.1	118.0	116.5	114.8		
DO (mg/l) .....+/-10%		0.53	0.24	0.18	0.14		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/29/25 1259

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)
125ml poly	1	—	Chloride

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-16

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: GM/KF

Well Information

Well No: MW-16 Well Dia. (in) 2"

Screen Interval Depth: 5'

Total Well Depth: 24'

Well Purging Information

Date and time of Well Purging: 1/28/25 1411

Depth to Water Level (ft-below TOC): 17.18

Well Casing Volume (gallons): 1.1

Volume to be Evacuated During Purging (gallons): 3.3

Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1411	1416	1421	1426		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.35	6.99	6.95	6.96		
Temperature (°C) .....+/-3%		14.8	15.4	15.4	15.6		
SC (umhos/cm) .....+/-3%		5083	5943	5578	5342		
ORP (milivlts) .....+/-20		116.9	116.6	118.0	118.6		
DO (mg/l) .....+/-10%		0.96	0.25	0.27	0.43		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/28/25 1426

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	6	HCl	VOCs 8260 (DCA)

Associated QA/QC Samples: MW-16 DUP @ 1426

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-17

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-17 Well Dia. (in) 2"
Screen Interval Depth: 5'
Total Well Depth: 24.5'

Well Purging Information

Date and time of Well Purging: 1/27/25 1141
Depth to Water Level (ft-below TOC): 13.77
Well Casing Volume (gallons): 1.7
Volume to be Evacuated During Purging (gallons): 5.2
Total volume purged (gallons) 1

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1141	1146	1151	1156		
Volume (gallons)		0	0.25	0.75	1		
pH (SI units) .....+/-0.2		7.37	7.30	7.32	7.37		
Temperature (°C) .....+/-3%		15.7	16.6	16.6	16.6		
SC (umhos/cm) .....+/-3%		4232	3564	3173	3049		
ORP (milivlts) .....+/-20		130.7	129.0	127.6	127.0		
DO (mg/l) .....+/-10%		1.42	0.86	1.50	2.46		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/27/25 1156

Sampling Method (circle): Bailer (Peristaltic Pump) Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml vom	3	HCl	VOCs 8260 DCL

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-18

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CAS

Well Information

Well No: _____ Well Dia. (in) _____

Screen Interval Depth: _____

Total Well Depth: _____

Well Purging Information

Date and time of Well Purging: 1/30/25 1215

Depth to Water Level (ft-below TOC): _____

Well Casing Volume (gallons): _____

Volume to be Evacuated During Purging (gallons): _____

Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units) .....+/-0.2							
Temperature (°C) .....+/-3%							
SC (umhos/cm) .....+/-3%							
ORP (milivlts) .....+/-20							
DO (mg/l) .....+/-10%							
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: _____

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples: _____

Comments/Observations Slip cap frozen couldn't access

Groundwater Sample Field Data Sheet

Sample Identification No. MW-19

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CAS

Well Information

Well No: _____ Well Dia. (in) _____

Screen Interval Depth: _____

Total Well Depth: _____

Well Purging Information

Date and time of Well Purging: 1/30/29 1225

Depth to Water Level (ft-below TOC): _____

Well Casing Volume (gallons): _____

Volume to be Evacuated During Purging (gallons): _____

Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units) .....+/-0.2							
Temperature (°C) .....+/-3%							
SC (umhos/cm) .....+/-3%							
ORP (milivlts) .....+/-20							
DO (mg/l) .....+/-10%							
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: _____

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples: _____

Comments/Observations

String ball frozen in ice

No access

Groundwater Sample Field Data Sheet

Sample Identification No. MW-20

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: AS

Well Information

Well No: _____ Well Dia. (in) _____

Screen Interval Depth: _____

Total Well Depth: _____

Well Purging Information

Date and time of Well Purging: 1/30/25 1235

Depth to Water Level (ft-below TOC): 14.32

Well Casing Volume (gallons): _____

Volume to be Evacuated During Purging (gallons): _____

Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units) .....+/-0.2							
Temperature (°C) .....+/-3%							
SC (umhos/cm) .....+/-3%							
ORP (milivlts) .....+/-20							
DO (mg/l) .....+/-10%							
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: _____

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples: _____

Comments/Observations BOS

Groundwater Sample Field Data Sheet

Sample Identification No. MW-21

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GMIET

Well Information

Well No: MW-21 Well Dia. (in) 2"
Screen Interval Depth: 15'
Total Well Depth: 22'

Well Purging Information

Date and time of Well Purging: 1/27/25 1245
Depth to Water Level (ft-below TOC): 8.35
Well Casing Volume (gallons): 2.2
Volume to be Evacuated During Purging (gallons): 6.6
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1245	1250	1255	1300		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.09	7.05	7.04	7.03		
Temperature (°C) .....+/-3%		13.2	14.5	15.3	15.2		
SC (umhos/cm) .....+/-3%		6002	6084	6098	6101		
ORP (milivlts) .....+/-20		115.9	117.2	124.9	126.1		
DO (mg/l) .....+/-10%		0.66	0.56	0.55	0.54		
DTW		—	—	—	—		
Color		clear grey	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/27/25 1306

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-22

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-22 Well Dia. (in) 2"
Screen Interval Depth: N/A
Total Well Depth: 24

Well Purging Information

Date and time of Well Purging: 1/27/25 1216
Depth to Water Level (ft-below TOC): 18.33
Well Casing Volume (gallons): 0.9
Volume to be Evacuated During Purging (gallons): 2.7
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1216	1221	1226	1231		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.31	7.33	7.31	7.27		
Temperature (°C) .....+/-3%		14.2	15.1	15.4	15.3		
SC (umhos/cm) .....+/-3%		4703	4802	4811	4851		
ORP (milivlts) .....+/-20		125.4	126.6	126.9	126.9		
DO (mg/l) .....+/-10%		1.35	2.41	3.08	3.81		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/27/25 1231

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-22D 30-35

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CAS

Well Information

Well No: _____ Well Dia. (in) 2
Screen Interval Depth: 5
Total Well Depth: 38

Well Purging Information

Date and time of Well Purging: 1/29/25 1135
Depth to Water Level (ft-below TOC): 14.55
Well Casing Volume (gallons): 3.37
Volume to be Evacuated During Purging (gallons): 10
Total volume purged (gallons) 4.5 (dry)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1144	1148	1152			
Volume (gallons)		0.1	2.0	3.0			
pH (SI units) .....+/-0.2		7.21	7.24	7.18			
Temperature (°C) .....+/-3%		16.8	16.4	16.3			
SC (umhos/cm) .....+/-3%		6181	6267	6448			
ORP (milivlts) .....+/-20		-30.9	-30.2	-30.1			
DO (mg/l) .....+/-10%		4.82	4.92	1.86			
DTW							
Color		clear	clear	clear			

Sample Collection Information

Date and Time of Sample Collection: 1/29/25 1415

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples: _____

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-22D ~~#2~~ 35-40

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CAS

Well Information

Well No: _____ Well Dia. (in) 2

Screen Interval Depth: 5

Total Well Depth: ~~40~~

Well Purging Information

Date and time of Well Purging: 1/29/25 1200

Depth to Water Level (ft-below TOC): 14.47

Well Casing Volume (gallons): 4.17

Volume to be Evacuated During Purging (gallons): 12.5

Total volume purged (gallons) 5. DRY

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1206	1210	1213			
Volume (gallons)		0.1	3.0	4.0			
pH (SI units) .....+/-0.2		7.64	7.38	7.29			
Temperature (°C) .....+/-3%		16.0	16.1	16.1			
SC (umhos/cm) .....+/-3%		5660	5630	5775			
ORP (milivlts) .....+/-20		-30.9	-30.7	-30.4			
DO (mg/l) .....+/-10%		5.56	3.89	2.48			
DTW							
Color		clear	clear	sl. turbid			

Sample Collection Information

Date and Time of Sample Collection: 1/29/25 1420

Sampling Method (circle): (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples: _____

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-22D 41-46

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CAS

Well Information

Well No: _____ Well Dia. (in) 2
Screen Interval Depth: 5
Total Well Depth: 46

Well Purging Information

Date and time of Well Purging: 1/29/25 1110
Depth to Water Level (ft-below TOC): 16.03
Well Casing Volume (gallons): 4.8ish
Volume to be Evacuated During Purging (gallons): 14.67
Total volume purged (gallons) 6.0 (dry)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1115	1125	1130			
Volume (gallons)		0.1	4.0	5.0			
pH (SI units) .....+/-0.2		7.23	7.10	7.07			
Temperature (°C) .....+/-3%		16.4	16.1	16.2			
SC (umhos/cm) .....+/-3%		716	6377	6755			
ORP (milivlts) .....+/-20		-42.4	-28.6	-29.3			
DO (mg/l) .....+/-10%		2.85	1.86	1.38			
DTW							
Color		clear sl. yellow	clear	sl. turbid			

Sample Collection Information

Date and Time of Sample Collection: 1/29/25 1405

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	6	HCl	VOCs

Associated QA/QC Samples: MW-22D 41-46 Dup 1407

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-22D 48-53

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CAS

Well Information

Well No: _____ Well Dia. (in) 2
Screen Interval Depth: 5
Total Well Depth: 53

Well Purging Information

Date and time of Well Purging: 1/29/25 1220
Depth to Water Level (ft-below TOC): 19.01
Well Casing Volume (gallons): 5.55
Volume to be Evacuated During Purging (gallons): 16.65
Total volume purged (gallons) 6.0 (dry)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1225	1233	1237			
Volume (gallons)		0.1	4.0	5.25			
pH (SI units) .....+/-0.2		6.87	7.09	7.00			
Temperature (°C) .....+/-3%		16.7	15.4	16.2			
SC (umhos/cm) .....+/-3%		1588	6772	6982			
ORP (milivlts) .....+/-20		-36.2	-31.2	-29.4			
DO (mg/l) .....+/-10%		4.37	3.31	1.80			
DTW							
Color		clear	clear	sl. turbid			

Sample Collection Information

Date and Time of Sample Collection: 1/29/25 1430

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples: _____

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-22D 55-60

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CAS

Well Information

Well No: _____ Well Dia. (in) 2
Screen Interval Depth: 5
Total Well Depth: 60

Well Purging Information

Date and time of Well Purging: 1/29/25 1245
Depth to Water Level (ft-below TOC): 26.13
Well Casing Volume (gallons): 5.53
Volume to be Evacuated During Purging (gallons): 16.59
Total volume purged (gallons) 16.5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1258	1309	1331			
Volume (gallons)		0.1	4.0	12.0			
pH (SI units) .....+/-0.2		6.87	6.90	6.92			
Temperature (°C) .....+/-3%		17.0	16.4	16.3			
SC (umhos/cm) .....+/-3%		6949	6998	7020			
ORP (milivlts) .....+/-20		-32.2	-32.1	-32.4			
DO (mg/l) .....+/-10%		0.69	1.15	1.36			
DTW							
Color		clear	clear	clear			

Sample Collection Information

Date and Time of Sample Collection: 1/29/25 1345

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples: _____

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-22D 72.5-75

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CAS

Well Information

Well No: _____ Well Dia. (in) 2

Screen Interval Depth: 2.5

Total Well Depth: 75

Well Purging Information

Date and time of Well Purging: 1/29/25 1105

Depth to Water Level (ft-below TOC): Dry

Well Casing Volume (gallons): _____

Volume to be Evacuated During Purging (gallons): _____

Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units) .....+/-0.2							
Temperature (°C) .....+/-3%							
SC (umhos/cm) .....+/-3%							
ORP (milivlts) .....+/-20							
DO (mg/l) .....+/-10%							
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: _____

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples: _____

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-23

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/KF

Well Information

Well No: MW-23 Well Dia. (in) 2"
Screen Interval Depth: NA
Total Well Depth: 25'

Well Purging Information

Date and time of Well Purging: 1/28/25 0925
Depth to Water Level (ft-below TOC): 17.16
Well Casing Volume (gallons): 1.25
Volume to be Evacuated During Purging (gallons): 3.76
Total volume purged (gallons) 1.25

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		0925	0930	0935	0940		
Volume (gallons)		0	0.5	0.75	1.25		
pH (SI units) .....+/-0.2		6.90	7.13	6.88	6.85		
Temperature (°C) .....+/-3%		16.7	17.0	17.2	17.3		
SC (umhos/cm) .....+/-3%		6510	6777	6758	6752		
ORP (milivlts) .....+/-20		144.2	115.1	114.7	116.3		
DO (mg/l) .....+/-10%		0.46	0.43	0.46	0.53		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/28/25 0940

Sampling Method (circle): Bailer (Peristaltic Pump) Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml vial	3	HCl	VOCs 8260 (DCL)
125ml poly	1		Chloride

Associated QA/QC Samples: —

Comments/Observations

—

Groundwater Sample Field Data Sheet

Sample Identification No. MW-23D 31-33.5

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CAS

Well Information

Well No: _____ Well Dia. (in) 2

Screen Interval Depth: 2.5

Total Well Depth: 33.5

Well Purging Information

Date and time of Well Purging: 1/29/25 1010

Depth to Water Level (ft-below TOC): 19.00

Well Casing Volume (gallons): 2.37

Volume to be Evacuated During Purging (gallons): 7.11

Total volume purged (gallons) 3 Dry

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1015	1024	1030			
Volume (gallons)		0.1	2	2.5			
pH (SI units) .....+/-0.2		8.37	7.38	7.25			
Temperature (°C) .....+/-3%		16.4	16.1	15.2			
SC (umhos/cm) .....+/-3%		984	6854	7046			
ORP (milivlts) .....+/-20		-38	-31	-30			
DO (mg/l) .....+/-10%		3.88	2.97	2.91			
DTW							
Color		clear	clear	cloudy			

Sample Collection Information

Date and Time of Sample Collection: 1/29/25 1055

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples: [redacted] Dup 1057

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-23D 47-52

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CAS

Well Information

Well No: _____ Well Dia. (in) 2
Screen Interval Depth: 5
Total Well Depth: 52

Well Purging Information

Date and time of Well Purging: 1/29/25 0910
Depth to Water Level (ft-below TOC): 21.21
Well Casing Volume (gallons): 5.02
Volume to be Evacuated During Purging (gallons): 15.06
Total volume purged (gallons) 6 Dry

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		0920	0930	0940			
Volume (gallons)		0.1	2.5	5			
pH (SI units) .....+/-0.2		7.36	7.25	7.29			
Temperature (°C) .....+/-3%		15.1	15.5	15.2			
SC (umhos/cm) .....+/-3%		4814	6929	6996			
ORP (milivlts) .....+/-20		-35	-32	-31			
DO (mg/l) .....+/-10%		1.92	1.15	1.45			
DTW							
Color		Clear	clear	Cloudy			

Sample Collection Information

Date and Time of Sample Collection: 1/29/25 1036

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	6	HCl	VOCs

Associated QA/QC Samples: MW-23D 47-52 Dup 1037

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-23D 56.5-61.5

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CAS

Well Information

Well No: _____ Well Dia. (in) 2
Screen Interval Depth: 5
Total Well Depth: 61.5

Well Purging Information

Date and time of Well Purging: 1/29/25 0945
Depth to Water Level (ft-below TOC): 33.98
Well Casing Volume (gallons): 4.49
Volume to be Evacuated During Purging (gallons): 13.47
Total volume purged (gallons) 7 Dry

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		0947	0955	1000			
Volume (gallons)		0.1	2.5	4			
pH (SI units) .....+/-0.2		7.15	7.07	7.00			
Temperature (°C) .....+/-3%		15.1	15.6	15.7			
SC (umhos/cm) .....+/-3%		7070	7053	7077			
ORP (milivlts) .....+/-20		-31	-30	-30			
DO (mg/l) .....+/-10%		2.48	2.52	1.57			
DTW							
Color		Clear	cloudy	cloudy			

Sample Collection Information

Date and Time of Sample Collection: 1/29/25 1045

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples: _____

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-23D 64-74

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CAS

Well Information

Well No: _____ Well Dia. (in) 2

Screen Interval Depth: 10

Total Well Depth: 74

Well Purging Information

Date and time of Well Purging: 1/27/25 1440

Depth to Water Level (ft-below TOC): Dry

Well Casing Volume (gallons): _____

Volume to be Evacuated During Purging (gallons): _____

Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units) .....+/-0.2							
Temperature (°C) .....+/-3%							
SC (umhos/cm) .....+/-3%							
ORP (milivlts) .....+/-20							
DO (mg/l) .....+/-10%							
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: _____

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples: _____

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-24

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: ~~[illegible]~~ CAS

Well Information

Well No: _____ Well Dia. (in) _____

Screen Interval Depth: _____

Total Well Depth: _____

Well Purging Information

Date and time of Well Purging: 1/30/25 1245

Depth to Water Level (ft-below TOC): 12.48

Well Casing Volume (gallons): _____

Volume to be Evacuated During Purging (gallons): _____

Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units) .....+/-0.2							
Temperature (°C) .....+/-3%							
SC (umhos/cm) .....+/-3%							
ORP (milivlts) .....+/-20							
DO (mg/l) .....+/-10%							
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: _____

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples: _____

Comments/Observations BOS No well vault lid

Groundwater Sample Field Data Sheet

Sample Identification No. MW-25

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-25 Well Dia. (in) 2"
Screen Interval Depth: NA
Total Well Depth: 12.5

Well Purging Information

Date and time of Well Purging: 1/29/25 1133
Depth to Water Level (ft-below TOC): 10.26
Well Casing Volume (gallons): 0.4
Volume to be Evacuated During Purging (gallons): 1.1
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1133	1138	1143	1148		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		6.99	6.87	6.90	6.92		
Temperature (°C) .....+/-3%		14.3	14.4	14.5	14.5		
SC (umhos/cm) .....+/-3%		6317	6268	6224	6185		
ORP (milivlts) .....+/-20		112.9	114.2	114.8	115.7		
DO (mg/l) .....+/-10%		0.56	1.07	0.91	0.80		
DTW		—	—	—	—		
Color		clear some roots	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/29/25 1148

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-26D

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CA

Well Information

Well No: MW-26D Well Dia. (in) 2
Screen Interval Depth: 10
Total Well Depth: 54.43

Well Purging Information

Date and time of Well Purging: 1/27/25 1230
Depth to Water Level (ft-below TOC): 14.90
Well Casing Volume (gallons): 6.45
Volume to be Evacuated During Purging (gallons): 19.35
Total volume purged (gallons) 19.5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1245	13:05	13:26			
Volume (gallons)		0.1	10	13			
pH (SI units) .....+/-0.2		8.3	7.28	7.49			
Temperature (°C) .....+/-3%		14.8	15.0	14.2			
SC (umhos/cm) .....+/-3%		2984	2053	2138			
ORP (milivlts) .....+/-20		~~2984~~ -53	-43	-45.6			
DO (mg/l) .....+/-10%		3.78	1.57	3.28			
DTW							
Color		Cloudy	clear	clear			

Sample Collection Information

Date and Time of Sample Collection: 1/27/25 1420

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs
250mL	1	-	Chloride

Associated QA/QC Samples:

Comments/Observations

Ice in vault
2nd vol = 13 gals

Groundwater Sample Field Data Sheet

Sample Identification No. MW-27

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-27 Well Dia. (in) 2"
Screen Interval Depth: 15'
Total Well Depth: 25'

Well Purging Information

Date and time of Well Purging: 1/27/24 1048
Depth to Water Level (ft-below TOC): 11.30
Well Casing Volume (gallons): 2.2
Volume to be Evacuated During Purging (gallons): 6.6
Total volume purged (gallons) 1

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1048	1053	1058	1103		
Volume (gallons)		0	0.25	0.5	1		
pH (SI units) .....+/-0.2		7.02	7.05	7.06	7.01		
Temperature (°C) .....+/-3%		16.9	17.1	17.4	17.2		
SC (umhos/cm) .....+/-3%		8512	8692	8645	8340		
ORP (milivlts) .....+/-20		143.7	138.6	137.0	135.4		
DO (mg/l) .....+/-10%		0.26	0.14	0.45	0.17		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/27/24 1103

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml vial	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: N/A

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-28

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM / KF

Well Information

Well No: MW-28 Well Dia. (in) 2"
Screen Interval Depth: 15'
Total Well Depth: 25'

Well Purging Information

Date and time of Well Purging: 1/28/25 1004
Depth to Water Level (ft-below TOC): 12.28
Well Casing Volume (gallons): 2.0
Volume to be Evacuated During Purging (gallons): 6.1
Total volume purged (gallons) 1

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1004	1009	1014	1019		
Volume (gallons)		0	0.5	0.75	1		
pH (SI units) .....+/-0.2		6.80	6.94	6.97	6.98		
Temperature (°C) .....+/-3%		16.9	16.7	16.7	16.7		
SC (umhos/cm) .....+/-3%		6537	6369	6324	6300		
ORP (milivlts) .....+/-20		115.1	115.1	115.6	116.7		
DO (mg/l) .....+/-10%		0.42	0.19	0.19	0.16		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/28/25 1019

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-29

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-29 Well Dia. (in) 2"
Screen Interval Depth: 15'
Total Well Depth: 24.5'

Well Purging Information

Date and time of Well Purging:
Depth to Water Level (ft-below TOC):
Well Casing Volume (gallons):
Volume to be Evacuated During Purging (gallons):
Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units) .....+/-0.2							
Temperature (°C) .....+/-3%							
SC (umhos/cm) .....+/-3%							
ORP (milivlts) .....+/-20							
DO (mg/l) .....+/-10%							
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection:

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples: —

Comments/Observations

- Car has been parked over well for several days. Note left on 1/29/25 on car to move, but car remains over well
- Not sampled - inaccessable. (1/30/25)

Groundwater Sample Field Data Sheet

Sample Identification No. MW-30

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-30 Well Dia. (in) 2"
Screen Interval Depth: 15'
Total Well Depth: 24.5

Well Purging Information

Date and time of Well Purging: 1/29/25 1105
Depth to Water Level (ft-below TOC): 11.32
Well Casing Volume (gallons): 2.1
Volume to be Evacuated During Purging (gallons): 6.3
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1105	1110	1115	1120		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.23	7.23	7.22	7.22		
Temperature (°C) .....+/-3%		14.9	15.2	15.1	15.2		
SC (umhos/cm) .....+/-3%		6649	6686	6657	6645		
ORP (milivlts) .....+/-20		111.9	112.5	112.4	112.5		
DO (mg/l) .....+/-10%		0.84	0.26	0.52	0.67		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/29/25 1120

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml VOA	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-31

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/KF

Well Information

Well No: MW-31 Well Dia. (in) 2"
Screen Interval Depth: 15'
Total Well Depth: 24'

Well Purging Information

Date and time of Well Purging: 1/28/25 1108
Depth to Water Level (ft-below TOC): 9.78
Well Casing Volume (gallons): 2.3
Volume to be Evacuated During Purging (gallons): 6.8
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1108	1113	1118	1123		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		6.97	6.96	6.96	6.96		
Temperature (°C) .....+/-3%		14.9	14.7	14.6	14.5		
SC (umhos/cm) .....+/-3%		7089	7183	7187	7193		
ORP (milivlts) .....+/-20		121.0	119.6	118.2	116.8		
DO (mg/l) .....+/-10%		1.55	1.11	1.38	1.15		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/28/25 1123

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-32

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/KF

Well Information

Well No: MW-32 Well Dia. (in) 2"
Screen Interval Depth: 15'
Total Well Depth: 24'

Well Purging Information

Date and time of Well Purging: 1/28/25 1038
Depth to Water Level (ft-below TOC): 8.81
Well Casing Volume (gallons): 2.43
Volume to be Evacuated During Purging (gallons): 7.29
Total volume purged (gallons) 1

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1038	1043	1048	1053		
Volume (gallons)		0	0.25	0.5	1		
pH (SI units) .....+/-0.2		7.14	7.11	7.10	7.16		
Temperature (°C) .....+/-3%		16.0	15.9	15.8	15.7		
SC (umhos/cm) .....+/-3%		6092	6106	6097	6093		
ORP (milivlts) .....+/-20		117.5	117.8	119.1	120.7		
DO (mg/l) .....+/-10%		2.74	1.85	1.88	1.85		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/28/25 1053

Sampling Method (circle): Bailer (Peristaltic Pump) Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml/vial	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-33

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/KF

Well Information

Well No: MW-33 Well Dia. (in) 2"
Screen Interval Depth: 15'
Total Well Depth: 24'

Well Purging Information

Date and time of Well Purging: 1/28/25 1235
Depth to Water Level (ft-below TOC): 9.94
Well Casing Volume (gallons): 2.2
Volume to be Evacuated During Purging (gallons): 6.7
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1235	1240	1245	1250		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.29	7.27	7.32	7.19		
Temperature (°C) .....+/-3%		15.5	15.4	15.9	15.8		
SC (umhos/cm) .....+/-3%		6714	6812	6876	6697		
ORP (milivlts) .....+/-20		115.4	115.4	115.0	114.8		
DO (mg/l) .....+/-10%		0.89	0.29	0.18	0.13		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/28/25 1250

Sampling Method (circle): Bailer (Peristaltic Pump) Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-34

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-34 Well Dia. (in) 2"
Screen Interval Depth: 15'
Total Well Depth: 24'

Well Purging Information

Date and time of Well Purging: 1/29/25 1033
Depth to Water Level (ft-below TOC): 12.58
Well Casing Volume (gallons): 1.8
Volume to be Evacuated During Purging (gallons): 5.5
Total volume purged (gallons) 1

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1034	1039	1044	1049		
Volume (gallons)		0	0.5	0.75	1		
pH (SI units) .....+/-0.2		6.98	6.23	6.93	6.94		
Temperature (°C) .....+/-3%		15.0	15.7	15.8	15.7		
SC (umhos/cm) .....+/-3%		5048	5202	5182	5175		
ORP (milivlts) .....+/-20		107.6	107.9	108.7	109.3		
DO (mg/l) .....+/-10%		1.45	0.28	0.17	0.22		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/29/25 1049

Sampling Method (circle): Bailer (Peristaltic Pump) Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40 ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Owner of guy across the well is rude, wants us to call him when we plan to come out.

303-288-6042 8741 Soto St.

Groundwater Sample Field Data Sheet

Sample Identification No. MW-35

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/KF

Well Information

Well No: MW-35 Well Dia. (in) 2"
Screen Interval Depth: 15'
Total Well Depth: 24'

Well Purging Information

Date and time of Well Purging: 1/28/25 1439
Depth to Water Level (ft-below TOC): 10.43
Well Casing Volume (gallons): 2.2
Volume to be Evacuated During Purging (gallons): 6.5
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1439	1444	1449	1454		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.04	7.00	6.99	6.98		
Temperature (°C) .....+/-3%		15.5	15.6	15.6	15.4		
SC (umhos/cm) .....+/-3%		4973	5201	5205	5193		
ORP (milivlts) .....+/-20		118.6	117.7	117.4	117.5		
DO (mg/l) .....+/-10%		3.47	2.34	2.15	2.19		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/28/25 1454

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40 ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-39

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-39 Well Dia. (in) 2"
Screen Interval Depth: 20'
Total Well Depth: 28.5'

Well Purging Information

Date and time of Well Purging: 1/29/25 0927
Depth to Water Level (ft-below TOC): 15.02
Well Casing Volume (gallons): 2.2
Volume to be Evacuated During Purging (gallons): 6.5
Total volume purged (gallons) 0.5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		0940	0945	0950	0955		
Volume (gallons)		0	0.25	0.25	0.5		
pH (SI units) +/-0.2		7.56	7.43	7.43	7.43		
Temperature (°C) +/-3%		12.0	12.7	12.9	12.8		
SC (umhos/cm) +/-3%		4605	4451	4471	4473		
ORP (milivlts) +/-20		104.8	101.9	102.2	102.2		
DO (mg/l) +/-10%		8.17	8.54	8.23	8.12		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/29/25 0955

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml vog	6	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: MW-39 DUP @ 0955

Comments/Observations

- Rechecked TD and it is actually 28.5', not 30'
- low purge not functioning well, checked tubing and pump and a lot of air bubbles come out. Very little water comes out at full pump speed.
- took all samples using bailer, took tubing out of well

Groundwater Sample Field Data Sheet

Sample Identification No. MW-40

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-40 Well Dia. (in) 2"
Screen Interval Depth: 10'
Total Well Depth: 25'

Well Purging Information

Date and time of Well Purging: 1/27/25 1326
Depth to Water Level (ft-below TOC): 12.52
Well Casing Volume (gallons): 2.0
Volume to be Evacuated During Purging (gallons): 6.0
Total volume purged (gallons) 1.25

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1326	1325	1330	1335		
Volume (gallons)		0	0.5	0.75	1.25		
pH (SI units) .....+/-0.2		7.39	7.39	7.36	7.28		
Temperature (°C) .....+/-3%		13.2	14.6	14.6	14.0		
SC (umhos/cm) .....+/-3%		3807	4115	3606	3508		
ORP (milivlts) .....+/-20		127.8	128.0	127.5	126.9		
DO (mg/l) .....+/-10%		7.69	5.14	5.39	5.64		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/27/25 1335

Sampling Method (circle): Bailer (Peristaltic Pump) Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Double checked TD and it is 25', not 30'

Groundwater Sample Field Data Sheet

Sample Identification No. MW-41

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-41 Well Dia. (in) 2"
Screen Interval Depth: 10'
Total Well Depth: 25'

Well Purging Information

Date and time of Well Purging: 1/27/25 1350
Depth to Water Level (ft-below TOC): 14.12
Well Casing Volume (gallons): 1.7
Volume to be Evacuated During Purging (gallons): 5.2
Total volume purged (gallons) 1

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1356	1355	1400	1405		
Volume (gallons)		0	0.25	0.75	1		
pH (SI units) .....+/-0.2		7.33	7.24	7.22	7.21		
Temperature (°C) .....+/-3%		14.6	15.1	15.2	15.2		
SC (umhos/cm) .....+/-3%		6377	6536	6444	6356		
ORP (milivlts) .....+/-20		124.9	125.8	127.9	130.3		
DO (mg/l) .....+/-10%		3.21	2.15	2.95	3.49		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/27/25 1405

Sampling Method (circle): Bailer (Peristaltic Pump) Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260(DCL)

Associated QA/QC Samples: —

Comments/Observations

Rechecked TD and

Groundwater Sample Field Data Sheet

Sample Identification No. MW-42

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-42 Well Dia. (in) 2"
Screen Interval Depth: 10'
Total Well Depth: 25'

Well Purging Information

Date and time of Well Purging: 1/27/25 1431
Depth to Water Level (ft-below TOC): 11.14
Well Casing Volume (gallons): 2.2
Volume to be Evacuated During Purging (gallons): 6.7
Total volume purged (gallons) 1

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1431	1436	1441	1446		
Volume (gallons)		0	0.5	0.75	1		
pH (SI units) .....+/-0.2		7.39	7.38	7.39	7.36		
Temperature (°C) .....+/-3%		16.2	16.5	16.5	16.5		
SC (umhos/cm) .....+/-3%		5461	5449	5049	4789		
ORP (milivlts) .....+/-20		125.5	123.9	125.0	125.1		
DO (mg/l) .....+/-10%		7.15	6.24	6.58	6.57		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/27/25 1446

Sampling Method (circle): Bailer (Peristaltic Pump) Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Took TD and it is actually 25' not 30'

Groundwater Sample Field Data Sheet

Sample Identification No. MW-43

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-43 Well Dia. (in) 2"
Screen Interval Depth: 10'
Total Well Depth: 25'

Well Purging Information

Date and time of Well Purging: 1/27/25 1501
Depth to Water Level (ft-below TOC): 10.24
Well Casing Volume (gallons): 2.3
Volume to be Evacuated During Purging (gallons): 7.1
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1501	1506	1511	1516		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.33	7.28	7.28	7.30		
Temperature (°C) .....+/-3%		15.5	15.3	15.2	15.4		
SC (umhos/cm) .....+/-3%		5867	5933	5907	5878		
ORP (milivlts) .....+/-20		123.8	123.3	122.6	121.7		
DO (mg/l) .....+/-10%		4.75	3.59	3.26	3.37		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/27/25 1516

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40mlvoa	3	HCl	VOCs 8260 (OCL)

Associated QA/QC Samples: —

Comments/Observations

Checked TD and it is actually 25'

Groundwater Sample Field Data Sheet

Sample Identification No. MW-44

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-44 Well Dia. (in) 2"
Screen Interval Depth: 10'
Total Well Depth: 25'

Well Purging Information

Date and time of Well Purging: 1/27/25 1527
Depth to Water Level (ft-below TOC): 19.54
Well Casing Volume (gallons): 0.9
Volume to be Evacuated During Purging (gallons): 2.6
Total volume purged (gallons) 0.5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1527	1532	1537	1542		
Volume (gallons)		0	<0.25	0.25	0.5		
pH (SI units) .....+/-0.2		7.36	7.46	7.46	7.46		
Temperature (°C) .....+/-3%		14.5	14.7	14.9	14.8		
SC (umhos/cm) .....+/-3%		5534	5739	5756	5762		
ORP (milivlts) .....+/-20		119.8	119.2	118.8	118.8		
DO (mg/l) .....+/-10%		8.11	7.56	6.81	6.63		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/27/25 1542

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Checked TD and it is actually 25', not 30'

Groundwater Sample Field Data Sheet

Sample Identification No. MW-45 40-45

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CAS

Well Information

Well No: _____ Well Dia. (in) 2

Screen Interval Depth: 5

Total Well Depth: 45

Well Purging Information

Date and time of Well Purging: 1/28/25 0830

Depth to Water Level (ft-below TOC): 12.38

Well Casing Volume (gallons): 5.32

Volume to be Evacuated During Purging (gallons): 15.96

Total volume purged (gallons) 10.5 Dry

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		0830	0845	0855			
Volume (gallons)		0.1	8.0	10.0			
pH (SI units) .....+/-0.2		7.38	7.31	7.59			
Temperature (°C) .....+/-3%		15.7	15.8	15.3			
SC (umhos/cm) .....+/-3%		5965	5883	5927			
ORP (milivlts) .....+/-20		-40.6	-36.9	-52.8			
DO (mg/l) .....+/-10%		1.91	2.17	2.77			
DTW							
Color		clear	clear	turbid			

Sample Collection Information

Date and Time of Sample Collection: 1/28/25 0930

Sampling Method (circle): (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples: _____

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-45 48-53

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CAS

Well Information

Well No: _____ Well Dia. (in) 2

Screen Interval Depth: 5

Total Well Depth: 53

Well Purging Information

Date and time of Well Purging: 1/28/25

Depth to Water Level (ft-below TOC): 41.43

Well Casing Volume (gallons): 1.89

Volume to be Evacuated During Purging (gallons): 5.67

Total volume purged (gallons) 3.5 (dry)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		0900	0907	0910			
Volume (gallons)		0.1	2.0	3.0			
pH (SI units) .....+/-0.2		7.89	7.72	8.16			
Temperature (°C) .....+/-3%		15.9	14.8	15.5			
SC (umhos/cm) .....+/-3%		4689	5238	5153			
ORP (milivlts) .....+/-20		-60.6	-30.4	-30.1			
DO (mg/l) .....+/-10%		1.76	1.60	2.45			
DTW							
Color		clear	sl. turbid	turbid			

Sample Collection Information

Date and Time of Sample Collection: 1/28/25 1055

Sampling Method (circle): (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples: _____

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-45 55-60

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CAJ

Well Information

Well No: _____ Well Dia. (in) 2
Screen Interval Depth: 5
Total Well Depth: 60

Well Purging Information

Date and time of Well Purging: 1/28/24
Depth to Water Level (ft-below TOC): 54.05
Well Casing Volume (gallons): 0.97
Volume to be Evacuated During Purging (gallons): 2.91
Total volume purged (gallons) 2.25 (dry)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		0917	0919	0923			
Volume (gallons)		0.1	1.0	2.0			
pH (SI units) .....+/-0.2		7.40	7.36	7.37			
Temperature (°C) .....+/-3%		15.4	15.6	15.4			
SC (umhos/cm) .....+/-3%		5294	5284	5151			
ORP (milivlts) .....+/-20		-20.7	-39.0	-27.9			
DO (mg/l) .....+/-10%		1.40	1.78	2.21			
DTW							
Color		clear	sl. turbid	turbid			

Sample Collection Information

Date and Time of Sample Collection: 1/28/25 1100

Sampling Method (circle): (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples: _____

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-4B 40-45

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.:

Well Information

Well No: Well Dia. (in) 2
Screen Interval Depth: 5
Total Well Depth: 45

Well Purging Information

Date and time of Well Purging: 1/28/25 1300
Depth to Water Level (ft-below TOC): 32.09
Well Casing Volume (gallons): 2.11
Volume to be Evacuated During Purging (gallons): 6.33
Total volume purged (gallons) 3.0 (dry)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1310	1313	1318			
Volume (gallons)		0.1	2.0	3.5			
pH (SI units) .....+/-0.2		7.54	7.40	7.36			
Temperature (°C) .....+/-3%		16.5	15.9	15.5			
SC (umhos/cm) .....+/-3%		5692	6051	6067			
ORP (milivlts) .....+/-20		-38.4	-37.9	-37.2			
DO (mg/l) .....+/-10%		4.71	4.26	3.62			
DTW							
Color		clear	clear	turbid			

Sample Collection Information

Date and Time of Sample Collection: 1/28/25 1430

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples:

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-~~46~~ 48 48-53

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CAS

Well Information

Well No: _____ Well Dia. (in) 2

Screen Interval Depth: 5

Total Well Depth: 53

Well Purging Information

Date and time of Well Purging: 1/28/25

Depth to Water Level (ft-below TOC): 27.61

Well Casing Volume (gallons): 4.14

Volume to be Evacuated During Purging (gallons): 12.42

Total volume purged (gallons) 6.5 (dry)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1325	1335	1338			
Volume (gallons)	6.94	0.1	5.5	6.10			
pH (SI units) .....+/-0.2		~~5.44~~ QR	6.97	7.02			
Temperature (°C) .....+/-3%		15.4	15.7	15.5			
SC (umhos/cm) .....+/-3%		2086	7104	7109			
ORP (milivlts) .....+/-20		-35.9	-35.6	-35.3			
DO (mg/l) .....+/-10%		1.52	2.10	2.68			
DTW							
Color		clear	clear	clear			

Sample Collection Information

Date and Time of Sample Collection: 1/28/25 1440

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOA	3	HCl	~~BTEX~~ VOCs

Associated QA/QC Samples: _____

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-48 55-60

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CAS

Well Information

Well No: _____ Well Dia. (in) 2
Screen Interval Depth: 5
Total Well Depth: 60

Well Purging Information

Date and time of Well Purging: 1/28/27 1345
Depth to Water Level (ft-below TOC): 46.78
Well Casing Volume (gallons): 2.16
Volume to be Evacuated During Purging (gallons): 6.48
Total volume purged (gallons) 3.0 (dry)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1350	1352	1356			
Volume (gallons)		0.1	1.0	2.0			
pH (SI units) .....+/-0.2		6.82	6.92	6.93			
Temperature (°C) .....+/-3%		15.3	15.4	15.3			
SC (umhos/cm) .....+/-3%		7284	6920	7073			
ORP (milivlts) .....+/-20		-34.4	-34.3	-34.0			
DO (mg/l) .....+/-10%		2.66	1.20	1.03			
DTW							
Color		clear	clear	sl. turbid			

Sample Collection Information

Date and Time of Sample Collection: 1/28/25 1450

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples: _____

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-4# 40-45

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CAS

Well Information

Well No: _____ Well Dia. (in) 2

Screen Interval Depth: 5

Total Well Depth: 45

Well Purging Information

Date and time of Well Purging: 1/28/25 0945

Depth to Water Level (ft-below TOC): 18.44

Well Casing Volume (gallons): 4.33

Volume to be Evacuated During Purging (gallons): 12.99

Total volume purged (gallons) 7.1 Dry

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		0950	1005	1015			
Volume (gallons)		0.1	6	7			
pH (SI units) .....+/-0.2		7.12	7.13	7.43			
Temperature (°C) .....+/-3%		15.9	15.9	16.0			
SC (umhos/cm) .....+/-3%		6512	6726	6580			
ORP (milivlts) .....+/-20		-31	-31	-43			
DO (mg/l) .....+/-10%		4.17	4.69	6.11			
DTW							
Color		cloudy	cloudy	slightly muddy			

Sample Collection Information

Date and Time of Sample Collection: 1/28/25 1245

Sampling Method (circle): (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples: _____

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-4 48-53

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CAJ

Well Information

Well No: _____ Well Dia. (in) 2
Screen Interval Depth: 5
Total Well Depth: 53

Well Purging Information

Date and time of Well Purging: 1/28/25 1020
Depth to Water Level (ft-below TOC): 29.68
Well Casing Volume (gallons): 3.81
Volume to be Evacuated During Purging (gallons): 11.43
Total volume purged (gallons) 5.25 Dry

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1025	1030	1035			
Volume (gallons)		0.1	3	5			
pH (SI units) .....+/-0.2		7.17	7.14	7.04			
Temperature (°C) .....+/-3%		16.3	16.8	16.8			
SC (umhos/cm) .....+/-3%		7371	7387	7307			
ORP (milivlts) .....+/-20		-31	-31	-31			
DO (mg/l) .....+/-10%		1.08	1.74	1.55			
DTW							
Color		clear	cloudy	cloudy			

Sample Collection Information

Date and Time of Sample Collection: 1/28/25 1415

Sampling Method (circle): (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
VOAs	3	HCl	VOCs

Associated QA/QC Samples: _____

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-47 55-60

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CAS

Well Information

Well No: _____ Well Dia. (in) 2

Screen Interval Depth: 5

Total Well Depth: 60

Well Purging Information

Date and time of Well Purging: _____

Depth to Water Level (ft-below TOC): Dry

Well Casing Volume (gallons): _____

Volume to be Evacuated During Purging (gallons): _____

Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units) .....+/-0.2							
Temperature (°C) .....+/-3%							
SC (umhos/cm) .....+/-3%							
ORP (milivlts) .....+/-20							
DO (mg/l) .....+/-10%							
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: _____

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples: _____

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. 8946-2

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: 8946-2 Well Dia. (in) 1"
Screen Interval Depth: _____
Total Well Depth: 23'

Well Purging Information

Date and time of Well Purging: 1/30/25 1123
Depth to Water Level (ft-below TOC): 11.31
Well Casing Volume (gallons): 0.9
Volume to be Evacuated During Purging (gallons): 2.8
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1123	1128	1133	1138		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.39	7.40	7.35	7.33		
Temperature (°C) .....+/-3%		15.6	14.8	15.3	14.4		
SC (umhos/cm) .....+/-3%		5026	4068	4254	4675		
ORP (milivlts) .....+/-20		110.7	109.4	109.6	109.2		
DO (mg/l) .....+/-10%		2.16	3.36	2.87	5.73		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/30/25 1138

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml vial	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

—

Groundwater Sample Field Data Sheet

Sample Identification No. 8946-6

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: 8946-6 Well Dia. (in) 1"
Screen Interval Depth:
Total Well Depth: 23'

Well Purging Information

Date and time of Well Purging: 1/30/25 1145
Depth to Water Level (ft-below TOC): 11.93
Well Casing Volume (gallons): 0.9
Volume to be Evacuated During Purging (gallons): 2.7
Total volume purged (gallons) 0.5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1145	1150	1155	1206		
Volume (gallons)		0	0.25	0.25	0.5		
pH (SI units) .....+/-0.2		7.49	7.36	7.31	7.35		
Temperature (°C) .....+/-3%		15.2	15.2	15.0	15.2		
SC (umhos/cm) .....+/-3%		4700	4819	4744	4784		
ORP (milivlts) .....+/-20		110.0	110.0	110.0	110.3		
DO (mg/l) .....+/-10%		2.29	3.00	3.86	2.95		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 1/30/25 1200

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml vial	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

—

Ground Water Development Sheet

Sample Identification No. MW-39

Project Information

Project Name: TSC

Sampler Name: Craig Sorley

Well Information

Well No: MW-39 Well Dia. (in): 2

Total Depth: 28.05 Screen Length: 15'

Well Purging Information

Date and Time: 1/27/25 1030

Depth to Water (ft-below TOC): 26.73

Calculated Purge Volume (gal): ~~1.25~~ 1.25

Actual Purge Volume (gal): ~~1.25~~ 0.25 → Dry

Field Water Quality Parameters During Well Purge

	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	5th Vol	Sample
Time							
Volume (gal)							
pH							
Temp (C)							
Cond (mg/cm3)							
DO (mg/L)							
Color							

Sample Collection Information

Date and Time: _____

Sample Method (circle): (Bailer) Peristaltic Pump Whale Pump Other

Sample Type: _____

Comments/Observations:

_____

_____

_____

_____

_____

Groundwater Sample Field Data Sheet

Sample Identification No. MW-01

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CS | KF

Well Information

Well No: MW-01 Well Dia. (in) 2
Screen Interval Depth: _____
Total Well Depth: _____

Well Purging Information

Date and time of Well Purging: 4/21/2025
Depth to Water Level (ft-below TOC): 8.78
Well Casing Volume (gallons): _____
Volume to be Evacuated During Purging (gallons): _____
Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units) .....+/-0.2							
Temperature (°C) .....+/-3%							
SC (umhos/cm) .....+/-3%							
ORP (milivlts) .....+/-20							
DO (mg/l) .....+/-10%							
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: _____

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples: _____

Comments/Observations

NO Sample

Groundwater Sample Field Data Sheet

Sample Identification No. MW-02

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-02 Well Dia. (in) 2"
Screen Interval Depth: 20
Total Well Depth: 29

Well Purging Information

Date and time of Well Purging: 4/22/25 1046
Depth to Water Level (ft-below TOC): 17.95
Well Casing Volume (gallons): 1.8
Volume to be Evacuated During Purging (gallons): 5.3
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1046	1051	1056	1101		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.23	7.16	7.18	7.15		
Temperature (°C) .....+/-3%		17.3	17.7	17.9	17.9		
SC (umhos/cm) .....+/-3%		5766	5556	5353	5347		
ORP (milivlts) .....+/-20		263.6	254.6	246.9	242.7		
DO (mg/l) .....+/-10%		1.05	0.41	0.37	0.37		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 4/22/25 1101

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

—

Groundwater Sample Field Data Sheet

Sample Identification No. MW-03

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-03 Well Dia. (in) 2"
Screen Interval Depth: 25
Total Well Depth: 29

Well Purging Information

Date and time of Well Purging: 4/21/25 1318
Depth to Water Level (ft-below TOC): 10.79
Well Casing Volume (gallons): 2.9
Volume to be Evacuated During Purging (gallons): 8.7
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1318	1323	1328	1333		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.31	7.23	7.22	7.28		
Temperature (°C) .....+/-3%		16.5	16.7	16.7	16.9		
SC (umhos/cm) .....+/-3%		4616	4469	4435	4402		
ORP (milivlts) .....+/-20		253.7	244.2	236.7	231.4		
DO (mg/l) .....+/-10%		1.79	0.36	0.30	0.35		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 4/21/25 1333

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

—

Groundwater Sample Field Data Sheet

Sample Identification No. MW-04

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-04 Well Dia. (in) 2"
Screen Interval Depth: 20
Total Well Depth: 29

Well Purging Information

Date and time of Well Purging: 4/21/25 1409
Depth to Water Level (ft-below TOC): 9.96
Well Casing Volume (gallons): 3.0
Volume to be Evacuated During Purging (gallons): 9.1
Total volume purged (gallons) 1

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1409	1414	1419	1424		
Volume (gallons)		0	0.25	0.5	1		
pH (SI units) .....+/-0.2		7.48	7.35	7.36	7.33		
Temperature (°C) .....+/-3%		16.2	16.1	16.3	16.4		
SC (umhos/cm) .....+/-3%		2534	2530	2526	2502		
ORP (milivlts) .....+/-20		266.0	250.9	238.1	232.3		
DO (mg/l) .....+/-10%		1.98	1.73	2.15	1.62		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 4/21/25 1424

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml\voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-05

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CS/KF

Well Information

Well No: MW-05 Well Dia. (in) 2

Screen Interval Depth: _____

Total Well Depth: _____

Well Purging Information

Date and time of Well Purging: 4/21/2025

Depth to Water Level (ft-below TOC): 16.80

Well Casing Volume (gallons): _____

Volume to be Evacuated During Purging (gallons): _____

Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units)	+/-0.2						
Temperature (°C)	+/-3%						
SC (umhos/cm)	+/-3%						
ORP (milivlts)	+/-20						
DO (mg/l)	+/-10%						
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: _____

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples: _____

Comments/Observations

No Sample

Groundwater Sample Field Data Sheet

Sample Identification No. MW-06

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-06 Well Dia. (in) 2"
Screen Interval Depth: 20
Total Well Depth: 26

Well Purging Information

Date and time of Well Purging: 4/22/25 1141
Depth to Water Level (ft-below TOC): 14.63
Well Casing Volume (gallons): 1.8
Volume to be Evacuated During Purging (gallons): 5.5
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1141	1146	1151	1156		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units)	+/-0.2	7.25	7.24	7.26	7.26		
Temperature (°C)	+/-3%	19.4	17.6	17.6	17.6		
SC (umhos/cm)	+/-3%	4998	4914	4914	4911		
ORP (milivlts)	+/-20	245.8	235.1	228.7	225.4		
DO (mg/l)	+/-10%	0.72	0.33	0.61	0.60		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 4/22/25 1156

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3 GM 6	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: MW-06 DUP @ 1156

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-08

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-08 Well Dia. (in) 2"
Screen Interval Depth: 20
Total Well Depth: 29

Well Purging Information

Date and time of Well Purging: 4/22/25
Depth to Water Level (ft-below TOC): 9.35
Well Casing Volume (gallons):
Volume to be Evacuated During Purging (gallons):
Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units) .....+/-0.2							
Temperature (°C) .....+/-3%							
SC (umhos/cm) .....+/-3%							
ORP (milivlts) .....+/-20							
DO (mg/l) .....+/-10%							
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection:

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples:

Comments/Observations

Not part of sampling plan

Groundwater Sample Field Data Sheet

Sample Identification No. MW-09R

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CS | KF

Well Information

Well No: MW-09R Well Dia. (in) 2"
Screen Interval Depth:
Total Well Depth:

Well Purging Information

Date and time of Well Purging: 4/22/25 ~~0908~~ 1302
Depth to Water Level (ft-below TOC): 15.08
Well Casing Volume (gallons):
Volume to be Evacuated During Purging (gallons):
Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1301	1304	1306			
Volume (gallons)			0.5	1			
pH (SI units)	+/-0.2	7.37	7.30	7.25			
Temperature (°C)	+/-3%	15.5	15.2	14.8			
SC (umhos/cm)	+/-3%	5930	5909	5912			
ORP (milivlts)	+/-20	186.9	181.9	169.8			
DO (mg/l)	+/-10%	1.81	0.68	7.71			
DTW							
Color		clear	clear	clear			

Sample Collection Information

Date and Time of Sample Collection: 4/22/25 1311

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40mL	3	HCL	VOCs

Associated QA/QC Samples:

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-10

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-10 Well Dia. (in) 2"

Screen Interval Depth: 15

Total Well Depth: 25

Well Purging Information

Date and time of Well Purging: 4/22/25

Depth to Water Level (ft-below TOC): 11.41

Well Casing Volume (gallons):

Volume to be Evacuated During Purging (gallons):

Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units)	+/-0.2						
Temperature (°C)	+/-3%						
SC (umhos/cm)	+/-3%						
ORP (milivlts)	+/-20						
DO (mg/l)	+/-10%						
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection:

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples:

Comments/Observations

Not part of sampling plan

Groundwater Sample Field Data Sheet

Sample Identification No. MW-11

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CS | KR

Well Information

Well No: MW-11 Well Dia. (in) 2"
Screen Interval Depth:
Total Well Depth:

Well Purging Information

Date and time of Well Purging: 4/22/25 1314
Depth to Water Level (ft-below TOC): 12.57
Well Casing Volume (gallons):
Volume to be Evacuated During Purging (gallons):
Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1315	1317	1319			
Volume (gallons)			0.5	1			
pH (SI units)	+/-0.2	7.51	7.43	7.41			
Temperature (°C)	+/-3%	14.9	14.8	14.7			
SC (umhos/cm)	+/-3%	1519	1490	1721			
ORP (milivlts)	+/-20	187.1	185.4	184.8			
DO (mg/l)	+/-10%	1.44	0.77	0.83			
DTW							
Color		clear	clear	clear			

Sample Collection Information

Date and Time of Sample Collection: 4/22/25 1322

Sampling Method (circle): Bailer (Peristaltic Pump) Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40mL VOA	3	HCL	VOCs

Associated QA/QC Samples:

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-12R

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-12R Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 24.5

Well Purging Information

Date and time of Well Purging: 4/21/25 1341
Depth to Water Level (ft-below TOC): 13.08
Well Casing Volume (gallons): 1.8
Volume to be Evacuated During Purging (gallons): 5.5
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1341	1346	1351	1356		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units)	+/-0.2	8.06	8.04	8.06	7.99		
Temperature (°C)	+/-3%	15.7	16.1	16.0	16.2		
SC (umhos/cm)	+/-3%	1105	1068	1034	1028		
ORP (milivlts)	+/-20	217.0	210.8	204.9	201.3		
DO (mg/l)	+/-10%	1.24	0.49	0.39	0.51		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 4/21/25 1356

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml VOA	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-13

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-13 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 25

Well Purging Information

Date and time of Well Purging: 4/22/25 1206
Depth to Water Level (ft-below TOC): 18.28
Well Casing Volume (gallons): 1.1
Volume to be Evacuated During Purging (gallons): 3.2
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1206	1211	1216	1221		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units)	+/-0.2	7.05	7.17	7.16	7.16		
Temperature (°C)	+/-3%	17.2	17.6	17.5	17.3		
SC (umhos/cm)	+/-3%	5756	5722	5723	5719		
ORP (milivlts)	+/-20	253.3	242.2	231.4	227.5		
DO (mg/l)	+/-10%	0.77	0.18	0.13	0.12		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 4/22/25 1221

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40 ml voa	3	HCl	VOCs 8260 (DCL)
125 ml poly	1	—	chloride

Associated QA/QC Samples: —

Comments/Observations

—

Groundwater Sample Field Data Sheet

Sample Identification No. MW-14

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CS/KF

Well Information

Well No: MW-14 Well Dia. (in) 2"

Screen Interval Depth: 15-25

Total Well Depth: 25

Well Purging Information

Date and time of Well Purging: 4/22/25; 1245

Depth to Water Level (ft-below TOC): 18.36

Well Casing Volume (gallons):

Volume to be Evacuated During Purging (gallons):

Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1247	1248	1251			
Volume (gallons)			0.5	1			
pH (SI units) .....+/-0.2		7.22	7.23	7.13			
Temperature (°C) .....+/-3%		15.3	15.3	15.2			
SC (umhos/cm) .....+/-3%		6917	6799	6885			
ORP (milivlts) .....+/-20		110.5	113.0	117.7			
DO (mg/l) .....+/-10%		1.49	~~0.07~~ 0.70	0.66			
DTW							
Color		Clear					

Sample Collection Information

Date and Time of Sample Collection: 4/22/25; 1253

Sampling Method (circle): Bailer (Peristaltic Pump) Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40mL VOA	3	HCL	VOCs
125mL poly	1	none	Chloride

Associated QA/QC Samples:

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-15

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-15 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 24.5

Well Purging Information

Date and time of Well Purging: 4/22/25 1108
Depth to Water Level (ft-below TOC): 18.80
Well Casing Volume (gallons): 0.9
Volume to be Evacuated During Purging (gallons): 2.7
Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1108	1113	1118	1123		
Volume (gallons)		0	0.25	0.3	0.45		
pH (SI units)	+/-0.2	7.26	7.25	7.07	7.07		
Temperature (°C)	+/-3%	16.8	17.1	17.4	17.3		
SC (umhos/cm)	+/-3%	5325	5295	5309	5435		
ORP (milivlts)	+/-20	260.3	247.3	238.1	229.4		
DO (mg/l)	+/-10%	0.72	0.29	0.25	0.43		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 4/22/25 1123

Sampling Method (circle): Bailer (Peristaltic Pump) Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)
125ml poly	1	—	Chloride

Associated QA/QC Samples: —

Comments/Observations

— Went dry w/ < 0.5 @ 1121, recharged relatively quickly.

Groundwater Sample Field Data Sheet

Sample Identification No. MW-16

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-16 Well Dia. (in) 2"
Screen Interval Depth: 5
Total Well Depth: 24

Well Purging Information

Date and time of Well Purging: 4/21/25 1433
Depth to Water Level (ft-below TOC): 17.01
Well Casing Volume (gallons): 1.1
Volume to be Evacuated During Purging (gallons): 3.6
Total volume purged (gallons) 1

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1433	1438	1443	1448		
Volume (gallons)		0	0.5	0.75	1		
pH (SI units)	+/-0.2	7.23	7.31	7.46	7.13		
Temperature (°C)	+/-3%	16.6	16.6	17.0	16.5		
SC (umhos/cm)	+/-3%	5085	4785	2875	2387		
ORP (milivlts)	+/-20	254.9	245.7	236.2	235.2		
DO (mg/l)	+/-10%	1.34	0.53	0.66	1.42		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 4/21/25 1448

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	6	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: MW-16 DUP @ 1448

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-17

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-17 Well Dia. (in) 2"
Screen Interval Depth: 5
Total Well Depth: 24.5

Well Purging Information

Date and time of Well Purging: ~~MW-17~~ GM 4/22/25
Depth to Water Level (ft-below TOC): 14.41
Well Casing Volume (gallons):
Volume to be Evacuated During Purging (gallons):
Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units)	+/-0.2						
Temperature (°C)	+/-3%						
SC (umhos/cm)	+/-3%						
ORP (milivlts)	+/-20						
DO (mg/l)	+/-10%						
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection:

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples:

Comments/Observations

Not part of sampling plan

Groundwater Sample Field Data Sheet

Sample Identification No. MW-18

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: _____

Well Information

Well No: MW-18 Well Dia. (in) _____

Screen Interval Depth: _____

Total Well Depth: _____

Well Purging Information

Date and time of Well Purging: 4/21/2025

Depth to Water Level (ft-below TOC): _____

Well Casing Volume (gallons): _____

Volume to be Evacuated During Purging (gallons): _____

Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units)	+/-0.2						
Temperature (°C)	+/-3%						
SC (umhos/cm)	+/-3%						
ORP (milivlts)	+/-20						
DO (mg/l)	+/-10%						
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: _____

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples: _____

Comments/Observations

Not accessible - Slip cap jammed

Groundwater Sample Field Data Sheet

Sample Identification No. MW-19

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CS

Well Information

Well No: MW-19 Well Dia. (in) _____

Screen Interval Depth: _____

Total Well Depth: _____

Well Purging Information

Date and time of Well Purging: 4/21/2025

Depth to Water Level (ft-below TOC): 10.82

Well Casing Volume (gallons): _____

Volume to be Evacuated During Purging (gallons): _____

Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units)	+/-0.2						
Temperature (°C)	+/-3%						
SC (umhos/cm)	+/-3%						
ORP (milivlts)	+/-20						
DO (mg/l)	+/-10%						
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: _____

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples: _____

Comments/Observations

No sample - BOS

Groundwater Sample Field Data Sheet

Sample Identification No. MW-20

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CS

Well Information

Well No: MW-20 Well Dia. (in) _____

Screen Interval Depth: _____

Total Well Depth: _____

Well Purging Information

Date and time of Well Purging: 4/21/2025

Depth to Water Level (ft-below TOC): 14.48

Well Casing Volume (gallons): _____

Volume to be Evacuated During Purging (gallons): _____

Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units)	+/-0.2						
Temperature (°C)	+/-3%						
SC (umhos/cm)	+/-3%						
ORP (milivlts)	+/-20						
DO (mg/l)	+/-10%						
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: _____

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples: _____

Comments/Observations

no sample - BOS

Groundwater Sample Field Data Sheet

Sample Identification No. MW-21

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-21 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 22

Well Purging Information

Date and time of Well Purging: 4/22/25
Depth to Water Level (ft-below TOC): inaccessable
Well Casing Volume (gallons):
Volume to be Evacuated During Purging (gallons):
Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time						
Volume (gallons)						
pH (SI units) .....+/-0.2						
Temperature (°C) .....+/-3%						
SC (umhos/cm) .....+/-3%						
ORP (milivlts) .....+/-20						
DO (mg/l) .....+/-10%						
DTW						
Color						

Sample Collection Information

Date and Time of Sample Collection:

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples:

Comments/Observations

Not part of sampling plan and inaccessable b/c of car

Groundwater Sample Field Data Sheet

Sample Identification No. MW-22

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-22 Well Dia. (in) 2"
Screen Interval Depth: NA
Total Well Depth: 24

Well Purging Information

Date and time of Well Purging: 4/22/25
Depth to Water Level (ft-below TOC): 18.27
Well Casing Volume (gallons):
Volume to be Evacuated During Purging (gallons):
Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units) .....+/-0.2							
Temperature (°C) .....+/-3%							
SC (umhos/cm) .....+/-3%							
ORP (milivlts) .....+/-20							
DO (mg/l) .....+/-10%							
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection:

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples:

Comments/Observations

Not part of sampling plan

Groundwater Sample Field Data Sheet

Sample Identification No. MW-22D 30-35'

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CS/KF

Well Information

Well No: MW-22D 30-35' Well Dia. (in) 2"
Screen Interval Depth: _____
Total Well Depth: 35

Well Purging Information

Date and time of Well Purging: 4/22/25; 1029
Depth to Water Level (ft-below TOC): ~~13.00~~ 13.88
Well Casing Volume (gallons): ~~3.52~~ 3.37
Volume to be Evacuated During Purging (gallons): ~~10.56~~ 10.13
Total volume purged (gallons) 4.5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1030	1034	1037			
Volume (gallons)			3	4			
pH (SI units)	+/-0.2	7.40	7.29	7.18			
Temperature (°C)	+/-3%	14.2	15.3	15.3			
SC (umhos/cm)	+/-3%	6265	6406	6545			
ORP (milivlts)	+/-20	267.9	268.0	268.6			
DO (mg/l)	+/-10%	5.03	4.01	3.38			
DTW							
Color		Clear	Clear	Clear			

Sample Collection Information

Date and Time of Sample Collection: 4/22/25; 1219

Sampling Method (circle): (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40 mL VOA	3	HCl	VOCs

Associated QA/QC Samples: _____

Comments/Observations

Dry @ ~4.5

Groundwater Sample Field Data Sheet

Sample Identification No. MW-22D 35-40

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CS/KF

Well Information

Well No: MW-22D 35-40 Well Dia. (in) 2"
Screen Interval Depth: _____
Total Well Depth: 40

Well Purging Information

Date and time of Well Purging: 4/22/25; 1040
Depth to Water Level (ft-below TOC): 13.00
Well Casing Volume (gallons): 4.32
Volume to be Evacuated During Purging (gallons): 12.96
Total volume purged (gallons) 5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1041	1044	1048			
Volume (gallons)			2.5	4.8			
pH (SI units) .....+/-0.2		7.44	7.54	7.24			
Temperature (°C) .....+/-3%		14.3	14.9	15.5			
SC (umhos/cm) .....+/-3%		5702	5703	5913			
ORP (milivlts) .....+/-20		264.1	263.3	264.8			
DO (mg/l) .....+/-10%		5.15	5.16	2.19			
DTW							
Color		clear	cl	cl			

Sample Collection Information

Date and Time of Sample Collection: 4/22/25; 1223

Sampling Method (circle): (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40 mL VOA	3	HCl	VOCs

Associated QA/QC Samples: _____

Comments/Observations

Dry @ ~5gal

Groundwater Sample Field Data Sheet

Sample Identification No. MW-22D 41-46'

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CS/KF

Well Information

Well No: MW-22D 41-46' Well Dia. (in) 2"
Screen Interval Depth:
Total Well Depth: 46

Well Purging Information

Date and time of Well Purging: 4/22/25 ; 1013
Depth to Water Level (ft-below TOC): 17.30
Well Casing Volume (gallons): 4.59
Volume to be Evacuated During Purging (gallons): 1377
Total volume purged (gallons) 5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1014	1070	1023			
Volume (gallons)			3	4.5			
pH (SI units) .....+/-0.2		7.60	7.17	7.14			
Temperature (°C) .....+/-3%		14.6	15.2	15.1			
SC (umhos/cm) .....+/-3%		1121	6031	6715			
ORP (milivlts) .....+/-20		222.7	208.3	170.1			
DO (mg/l) .....+/-10%		5.60	4.42	3.62			
DTW							
Color		CL/yellow	tan	tan			

Sample Collection Information

Date and Time of Sample Collection: 4/22/25 ; 1213

Sampling Method (circle): (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40 mL VOA	6	HCL	VOCs

Associated QA/QC Samples: Duplicate

Comments/Observations

Dry @ ~5 gal

Groundwater Sample Field Data Sheet

Sample Identification No. MW-22D 48-53'

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CS/KF

Well Information

Well No: MW-22D 48-53' Well Dia. (in) 2"
Screen Interval Depth: _____
Total Well Depth: 53

Well Purging Information

Date and time of Well Purging: 4/22/25 1058
Depth to Water Level (ft-below TOC): 19.63
Well Casing Volume (gallons): 5.33
Volume to be Evacuated During Purging (gallons): 16.02
Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1059	1106	1112			
Volume (gallons)			3	6			
pH (SI units) .....+/-0.2		7.19	7.16	7.12			
Temperature (°C) .....+/-3%		15.3	15.2	15.4			
SC (umhos/cm) .....+/-3%		5749	6691	6951			
ORP (milivlts) .....+/-20		2623	260.3	242.8			
DO (mg/l) .....+/-10%		4.03	4.32	2.84			
DTW							
Color		tan	cl	tan			

Sample Collection Information

Date and Time of Sample Collection: 4/22/25; 1227

Sampling Method (circle): ~~Bailer~~ Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40mL VOAs	3	HCL	VOCs

Associated QA/QC Samples: _____

Comments/Observations

Dry @ ~ 6.5

Groundwater Sample Field Data Sheet

Sample Identification No. MW-22D 55-60'

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CS | KF

Well Information

Well No: MW-22D 55-60' Well Dia. (in) 2"

Screen Interval Depth: _____

Total Well Depth: 60

Well Purging Information

Date and time of Well Purging: 4/22/25; 1117

Depth to Water Level (ft-below TOC): 26.59

Well Casing Volume (gallons): 5.34

Volume to be Evacuated During Purging (gallons): 16.03

Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1118	1137	1159			
Volume (gallons)			8	15			
pH (SI units) .....+/-0.2		6.96	7.21	7.04			
Temperature (°C) .....+/-3%		15.5	15.4	15.5			
SC (umhos/cm) .....+/-3%		6973	6953	7016			
ORP (milivlts) .....+/-20		251.0	224.4	226.4			
DO (mg/l) .....+/-10%		2.19	2.36	3.11			
DTW							
Color		clear	clear	tan			

Sample Collection Information

Date and Time of Sample Collection: 4/22/25; 1230

Sampling Method (circle): ~~Bailer~~ Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40 mL VOA	3	HCL	VOCs

Associated QA/QC Samples: _____

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-22D 7.5-7.5

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: _____

Well Information

Well No: _____ Well Dia. (in) _____

Screen Interval Depth: _____

Total Well Depth: _____

Well Purging Information

Date and time of Well Purging: _____

Depth to Water Level (ft-below TOC): DRY

Well Casing Volume (gallons): _____

Volume to be Evacuated During Purging (gallons): _____

Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units)	+/-0.2						
Temperature (°C)	+/-3%						
SC (umhos/cm)	+/-3%						
ORP (milivlts)	+/-20						
DO (mg/l)	+/-10%						
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: _____

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples: _____

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-23

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-23 Well Dia. (in) 2"

Screen Interval Depth: NA

Total Well Depth: 25

Well Purging Information

Date and time of Well Purging: 4/22/25

Depth to Water Level (ft-below TOC): 17.36

Well Casing Volume (gallons):

Volume to be Evacuated During Purging (gallons):

Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units) .....+/-0.2							
Temperature (°C) .....+/-3%							
SC (umhos/cm) .....+/-3%							
ORP (milivlts) .....+/-20							
DO (mg/l) .....+/-10%							
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection:

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples:

Comments/Observations

Not part of sampling plan

Groundwater Sample Field Data Sheet

Sample Identification No. MW-23D 31-33.5

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CS | KF

Well Information

Well No: MW-23D 31-33.5 Well Dia. (in) 2
Screen Interval Depth: _____
Total Well Depth: 33.5

Well Purging Information

Date and time of Well Purging: 4/21/2025; 947
Depth to Water Level (ft-below TOC): 18.99
Well Casing Volume (gallons): 2.32
Volume to be Evacuated During Purging (gallons): 6.96
Total volume purged (gallons) 4

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		948	950	0952			
Volume (gallons)			1.5	2			
pH (SI units)	+/-0.2	7.37	7.32	7.31			
Temperature (°C)	+/-3%	14.7	15.2	15.2			
SC (umhos/cm)	+/-3%	6353	6838	7007			
ORP (milivlts)	+/-20	254.3	257.4	258.8			
DO (mg/l)	+/-10%	2.71	3.20	3.55			
DTW							
Color		clear	clear	clear			

Sample Collection Information

Date and Time of Sample Collection: 4/22/25; 1207

Sampling Method (circle): (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40 mL VOA	3	HCL	VOCs

Associated QA/QC Samples: _____

Comments/Observations

Dry @ ~4

Groundwater Sample Field Data Sheet

Sample Identification No. MW-23D 47-52'

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CS/KF

Well Information

Well No: MW-~~47~~23D 47-52 Well Dia. (in) 2"
Screen Interval Depth:
Total Well Depth: 52

Well Purging Information

Date and time of Well Purging: 4/21/25; 1415
Depth to Water Level (ft-below TOC): 21.19
Well Casing Volume (gallons): 4.92
Volume to be Evacuated During Purging (gallons): 14.78
Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1417	1422	1427			
Volume (gallons)			3	5			
pH (SI units)	+/-0.2	7.33	7.32	7.37			
Temperature (°C)	+/-3%	15.9	15.1	14.9			
SC (umhos/cm)	+/-3%	6757	6967	6989			
ORP (milivlts)	+/-20	261.6	257.8	255.2			
DO (mg/l)	+/-10%	2.03	2.27	2.43			
DTW							
Color		tan	tan	tan			

Sample Collection Information

Date and Time of Sample Collection: 4/21/25; 1524

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40mL VOA	3	HCL	VOCs

Associated QA/QC Samples:

Comments/Observations

Dry @ ~6

Groundwater Sample Field Data Sheet

Sample Identification No. MW-23D 56.5-61.5

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CS/KF

Well Information

Well No: MW 23D 56.5-61.5 Well Dia. (in) 2
Screen Interval Depth:
Total Well Depth: 61.5

Well Purging Information

Date and time of Well Purging: 4/21/2025 : 1442
Depth to Water Level (ft-below TOC): 35.94
Well Casing Volume (gallons):
Volume to be Evacuated During Purging (gallons):
Total volume purged (gallons) 5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1444	1454	1301			
Volume (gallons)			3.5	4.5			
pH (SI units) +/-0.2		7.16	7.23	7.16			
Temperature (°C) +/-3%		15.2	15.0	14.7			
SC (umhos/cm) +/-3%		7001	7071	7074			
ORP (milivlts) +/-20		254.6	244.7	258.8			
DO (mg/l) +/-10%		3.75	3.05	3.62			
DTW							
Color		Clear	Clear/ Yellow	Clear/ Yellow			

Sample Collection Information

Date and Time of Sample Collection: 4/21/2025 ; 1529

Sampling Method (circle): (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40 mL VOA	3	HCl	VOCs

Associated QA/QC Samples:

Comments/Observations

Dry @ ~ 5gal

Groundwater Sample Field Data Sheet

Sample Identification No. MW-23D 64-74

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CS | KF

Well Information

Well No: MW-23D 64-74 Well Dia. (in) 2

Screen Interval Depth: _____

Total Well Depth: _____

Well Purging Information

Date and time of Well Purging: 4/21/2025

Depth to Water Level (ft-below TOC): DRY

Well Casing Volume (gallons): _____

Volume to be Evacuated During Purging (gallons): _____

Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units)	+/-0.2						
Temperature (°C)	+/-3%						
SC (umhos/cm)	+/-3%						
ORP (milivlts)	+/-20						
DO (mg/l)	+/-10%						
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: _____

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples: _____

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-24

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: _____

Well Information

Well No: MW-24 Well Dia. (in) _____

Screen Interval Depth: _____

Total Well Depth: _____

Well Purging Information

Date and time of Well Purging: 4/21/2025

Depth to Water Level (ft-below TOC): 12.60

Well Casing Volume (gallons): _____

Volume to be Evacuated During Purging (gallons): _____

Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units) .....+/-0.2							
Temperature (°C) .....+/-3%							
SC (umhos/cm) .....+/-3%							
ORP (milivlts) .....+/-20							
DO (mg/l) .....+/-10%							
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: _____

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples: _____

Comments/Observations

NO Sample - BOS

Groundwater Sample Field Data Sheet

Sample Identification No. MW-25

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-25 Well Dia. (in) 2"
Screen Interval Depth: NA
Total Well Depth: 12.5

Well Purging Information

Date and time of Well Purging: 4/22/25 0947
Depth to Water Level (ft-below TOC): 10.36
Well Casing Volume (gallons): 0.3
Volume to be Evacuated During Purging (gallons): 1.0
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		0947	0952	0957	1002		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.13	6.93	6.96	6.97		
Temperature (°C) .....+/-3%		13.2	13.1	13.2	5549 (GM)		
SC (umhos/cm) .....+/-3%		5657	5596	5569	13.2		
ORP (milivlts) .....+/-20		258.7	248.4	239.9	234.2		
DO (mg/l) .....+/-10%		2.43	0.73	0.62	0.60		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 4/22/25 1002

Sampling Method (circle): Bailer (Peristaltic Pump) Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-26D

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CS

Well Information

Well No: MW-26D Well Dia. (in) _____

Screen Interval Depth: _____

Total Well Depth: _____

Well Purging Information

Date and time of Well Purging: 4/21/2025

Depth to Water Level (ft-below TOC): 13.84

Well Casing Volume (gallons): _____

Volume to be Evacuated During Purging (gallons): _____

Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units)	+/-0.2						
Temperature (°C)	+/-3%						
SC (umhos/cm)	+/-3%						
ORP (milivlts)	+/-20						
DO (mg/l)	+/-10%						
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection: _____

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples: _____

Comments/Observations

no sample- ND

Groundwater Sample Field Data Sheet

Sample Identification No. MW-27

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-27 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 25

Well Purging Information

Date and time of Well Purging: 4/22/25
Depth to Water Level (ft-below TOC): 10.10
Well Casing Volume (gallons):
Volume to be Evacuated During Purging (gallons):
Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time						
Volume (gallons)						
pH (SI units) .....+/-0.2						
Temperature (°C) .....+/-3%						
SC (umhos/cm) .....+/-3%						
ORP (milivlts) .....+/-20						
DO (mg/l) .....+/-10%						
DTW						
Color						

Sample Collection Information

Date and Time of Sample Collection:

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples:

Comments/Observations

Not part of sampling plan

Groundwater Sample Field Data Sheet

Sample Identification No. MW-28

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-28 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 25

Well Purging Information

Date and time of Well Purging: 4/22/25
Depth to Water Level (ft-below TOC): 10.78
Well Casing Volume (gallons):
Volume to be Evacuated During Purging (gallons):
Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units) .....+/-0.2							
Temperature (°C) .....+/-3%							
SC (umhos/cm) .....+/-3%							
ORP (milivlts) .....+/-20							
DO (mg/l) .....+/-10%							
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection:

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples:

Comments/Observations

Not part of sampling plan

Groundwater Sample Field Data Sheet

Sample Identification No. MW-29

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-29 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 24.5

Well Purging Information

Date and time of Well Purging: 4/21/25 1526
Depth to Water Level (ft-below TOC): 9.30
Well Casing Volume (gallons): 2.4
Volume to be Evacuated During Purging (gallons): 7.3
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1526	1531	1536	1541		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.04	7.06	7.06	7.05		
Temperature (°C) .....+/-3%		16.0	16.0	16.0	16.1		
SC (umhos/cm) .....+/-3%		5559	5580	5562	5576		
ORP (milivlts) .....+/-20		264.7	257.4	251.9	248.0		
DO (mg/l) .....+/-10%		0.89	0.37	0.36	0.36		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 4/21/25 1541

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml vox	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

—

Groundwater Sample Field Data Sheet

Sample Identification No. MW-30

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-30 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 24.5

Well Purging Information

Date and time of Well Purging: 4/22/25 0920
Depth to Water Level (ft-below TOC): 9.03
Well Casing Volume (gallons): 2.5
Volume to be Evacuated During Purging (gallons): 7.4
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		0920	0925	0930	0935		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.46	7.28	7.26	7.35		
Temperature (°C) .....+/-3%		14.3	14.5	14.5	14.5		
SC (umhos/cm) .....+/-3%		5675	5743	5756	5762		
ORP (milivlts) .....+/-20		251.5	247.7	244.2	241.8		
DO (mg/l) .....+/-10%		1.88	0.95	0.86	0.81		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 4/22/25 0935

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml Voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-31

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-31 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 24

Well Purging Information

Date and time of Well Purging: 4/21/25 1158
Depth to Water Level (ft-below TOC): 8.69
Well Casing Volume (gallons): 2.4
Volume to be Evacuated During Purging (gallons): 7.3
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1158	1203	1208	1213		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.22	7.03	7.01	7.01		
Temperature (°C) .....+/-3%		15.3	15.0	15.1	14.8		
SC (umhos/cm) .....+/-3%		6190	6185	6184	6195		
ORP (milivlts) .....+/-20		251.3	245.8	241.6	238.4		
DO (mg/l) .....+/-10%		1.58	1.21	1.18	1.39		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 4/21/25 1213

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml vial	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-32

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-32 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 24

Well Purging Information

Date and time of Well Purging: 4/21/25 1226
Depth to Water Level (ft-below TOC): 7.72
Well Casing Volume (gallons): 2.6
Volume to be Evacuated During Purging (gallons): 7.8
Total volume purged (gallons) 1

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1226	1231	1236	1241		
Volume (gallons)		0	0.5	0.75	1		
pH (SI units) .....+/-0.2		7.27	7.17	7.17	7.16		
Temperature (°C) .....+/-3%		15.9	15.7	15.6	15.5		
SC (umhos/cm) .....+/-3%		5406	5294	5301	5306		
ORP (milivlts) .....+/-20		248.7	241.6	236.0	232.7		
DO (mg/l) .....+/-10%		1.36	1.02	1.12	1.06		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 4/21/25 1241

Sampling Method (circle): Bailer (Peristaltic Pump) Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-33

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-33 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 24

Well Purging Information

Date and time of Well Purging: 4/21/25 1251
Depth to Water Level (ft-below TOC): 9.42
Well Casing Volume (gallons): 2.3
Volume to be Evacuated During Purging (gallons): 7.0
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1251	1256	1301	1306		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.19	7.35	7.35	7.34		
Temperature (°C) .....+/-3%		15.8	15.6	15.6	15.6		
SC (umhos/cm) .....+/-3%		5969	5975	5966	5970		
ORP (milivlts) .....+/-20		252.7	243.2	239.0	236.9		
DO (mg/l) .....+/-10%		1.44	0.24	0.21	0.15		
DTW		—	—	—			
Color		clear	clear	clear			

Sample Collection Information

Date and Time of Sample Collection: 4/21/25 1306

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-34

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-34 Well Dia. (in) 2"

Screen Interval Depth: 15

Total Well Depth: 24

Well Purging Information

Date and time of Well Purging:

Depth to Water Level (ft-below TOC):

Well Casing Volume (gallons):

Volume to be Evacuated During Purging (gallons):

Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time							
Volume (gallons)							
pH (SI units) .....+/-0.2							
Temperature (°C) .....+/-3%							
SC (umhos/cm) .....+/-3%							
ORP (milivlts) .....+/-20							
DO (mg/l) .....+/-10%							
DTW							
Color							

Sample Collection Information

Date and Time of Sample Collection:

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses

Associated QA/QC Samples:

Comments/Observations

Not sampled. Inaccessable due to parked car over it.

Groundwater Sample Field Data Sheet

Sample Identification No. MW-35

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-35 Well Dia. (in) 2"
Screen Interval Depth: 15
Total Well Depth: 24

Well Purging Information

Date and time of Well Purging: 4/21/25 1502
Depth to Water Level (ft-below TOC): 10.01
Well Casing Volume (gallons): 2.2
Volume to be Evacuated During Purging (gallons): 6.7
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1502	1507	1512	1517		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units)	+/-0.2	7.02	7.02	6.97	7.14		
Temperature (°C)	+/-3%	16.3	16.5	16.4	16.3		
SC (umhos/cm)	+/-3%	4743	4745	4651	4547		
ORP (milivlts)	+/-20	263.6	261.6	258.4	259.5		
DO (mg/l)	+/-10%	3.37	2.98	4.39	4.66		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 4/21/25 1517

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml vial	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-37

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: BM/ET

Well Information

Well No: MW-37 Well Dia. (in) 2"

Screen Interval Depth: 15

Total Well Depth: 25

Well Purging Information

Date and time of Well Purging: 4/22/25 1020

Depth to Water Level (ft-below TOC): 11.33

Well Casing Volume (gallons): 2.2

Volume to be Evacuated During Purging (gallons): 6.6

Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1020	1025	1030	1035		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.13	7.09	7.08	7.09		
Temperature (°C) .....+/-3%		14.8	14.7	14.6	14.5		
SC (umhos/cm) .....+/-3%		5964	6005	6007	6007		
ORP (milivlts) .....+/-20		254.2	253.0	251.7	251.4		
DO (mg/l) .....+/-10%		3.02	2.10	2.06	2.08		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 4/22/25 1035

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml vial	3	HCl	VOCs 8260(DCL)

Associated QA/QC Samples: —

Comments/Observations

Added tubing for low flow sampling

Groundwater Sample Field Data Sheet

Sample Identification No. MW-39

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CS/KF

Well Information

Well No: MW-39 Well Dia. (in) 2"
Screen Interval Depth: _____
Total Well Depth: 30

Well Purging Information

Date and time of Well Purging: 4/22/25; 927
Depth to Water Level (ft-below TOC): 16.18
Well Casing Volume (gallons): 2.21
Volume to be Evacuated During Purging (gallons): 6.63
Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		928	930	932			
Volume (gallons)			2	3			
pH (SI units) .....+/-0.2		7.87	7.71	7.71			
Temperature (°C) .....+/-3%		14.3	14.1	14.1			
SC (umhos/cm) .....+/-3%		3604	3548	3717			
ORP (milivlts) .....+/-20		215.2	227.4	231.3			
DO (mg/l) .....+/-10%		18.31	6.38	5.61			
DTW							
Color		Clear	Clear	Cl			

Sample Collection Information

Date and Time of Sample Collection: 4/22/25; 0939

Sampling Method (circle): (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40 mL VOA	6	HCL	VOCs

Associated QA/QC Samples: Duplicate

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-40

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-40 Well Dia. (in) 2"
Screen Interval Depth: 20
Total Well Depth: 30

Well Purging Information

Date and time of Well Purging: 4/21/25 0947
Depth to Water Level (ft-below TOC): 12.10
Well Casing Volume (gallons): 2.9
Volume to be Evacuated During Purging (gallons): 9.0
Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		0947	0952	0957	1002		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.70	7.29	7.40	7.32		
Temperature (°C) .....+/-3%		14.6	14.3	14.3	14.1		
SC (umhos/cm) .....+/-3%		3909	3851	3400	3116		
ORP (milivlts) .....+/-20		204.9	202.2	203.6	210.6		
DO (mg/l) .....+/-10%		1.00	0.70	1.63	3.11		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 4/21/25 1002

Sampling Method (circle): Bailer (Peristaltic Pump) Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml VOA	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

—

Groundwater Sample Field Data Sheet

Sample Identification No. MW-41

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-41 Well Dia. (in) 2"
Screen Interval Depth: 20
Total Well Depth: 30

Well Purging Information

Date and time of Well Purging: 4/21/25 1012
Depth to Water Level (ft-below TOC): 13.25
Well Casing Volume (gallons): 2.7
Volume to be Evacuated During Purging (gallons): 8.0
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1012	1017	1022	1027		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.30	7.27	7.25	7.25		
Temperature (°C) .....+/-3%		15.0	15.1	15.1	15.1		
SC (umhos/cm) .....+/-3%		5439	5611	5617	5617		
ORP (milivlts) .....+/-20		227.1	221.4	217.0	217.2		
DO (mg/l) .....+/-10%		5.64	0.64	0.51	1.29		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 4/21/25 1027

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-42

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-42 Well Dia. (in) 2"
Screen Interval Depth: 20
Total Well Depth: 30

Well Purging Information

Date and time of Well Purging: 4/21/25 1037
Depth to Water Level (ft-below TOC): 10.23
Well Casing Volume (gallons): 3.2
Volume to be Evacuated During Purging (gallons): 9.5
Total volume purged (gallons) 1

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1037	1042	1047	1052		
Volume (gallons)		0	0.5	0.75	1		
pH (SI units) .....+/-0.2		7.37	7.38	7.39	7.30		
Temperature (°C) .....+/-3%		16.4	16.6	16.6	16.4		
SC (umhos/cm) .....+/-3%		4986	4890	4320	4069		
ORP (milivlts) .....+/-20		233.2	23.5	231.2	234.0		
DO (mg/l) .....+/-10%		4.86	4.19	4.65	4.47		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 4/21/25 1052

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-43

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-4B Well Dia. (in) 2"
Screen Interval Depth: 20
Total Well Depth: 30

Well Purging Information

Date and time of Well Purging: 4/21/25 1101
Depth to Water Level (ft-below TOC): 9.67
Well Casing Volume (gallons): 3.3
Volume to be Evacuated During Purging (gallons): 9.8
Total volume purged (gallons) 0.75

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1101	1106	1111	1116		
Volume (gallons)		0	0.25	0.5	0.75		
pH (SI units) .....+/-0.2		7.36	7.32	7.31	7.32		
Temperature (°C) .....+/-3%		16.0	15.8	15.7	15.7		
SC (umhos/cm) .....+/-3%		5191	5189	5199	5193		
ORP (milivlts) .....+/-20		229.1	232.7	232.6	232.5		
DO (mg/l) .....+/-10%		5.68	3.45	4.13	4.09		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 4/21/25 1116

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

Groundwater Sample Field Data Sheet

Sample Identification No. MW-44

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: MW-44 Well Dia. (in) 2"
Screen Interval Depth: 20
Total Well Depth: 30

Well Purging Information

Date and time of Well Purging: 4/21/25 1133
Depth to Water Level (ft-below TOC): 12.57
Well Casing Volume (gallons): 2.8
Volume to be Evacuated During Purging (gallons): 8.4
Total volume purged (gallons) 1

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1133	1138	1143	1148		
Volume (gallons)		0	0.25	0.75	1		
pH (SI units)	+/-0.2	7.35	7.41	7.43	7.53		
Temperature (°C)	+/-3%	16.0	15.9	15.8	15.5		
SC (umhos/cm)	+/-3%	5091	5017	4964	4819		
ORP (milivlts)	+/-20	246.3	241.1	234.7	233.9		
DO (mg/l)	+/-10%	4.45	2.48	3.27	4.83		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 4/21/25 1148

Sampling Method (circle): Bailer ~~Peristaltic Pump~~ Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40 ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

—

Groundwater Sample Field Data Sheet

Sample Identification No. MW-45 40-45'

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CS/KF

Well Information

Well No: MW-45 40-45' Well Dia. (in) 2"
Screen Interval Depth:
Total Well Depth: 45

Well Purging Information

Date and time of Well Purging: 4/21/2025
Depth to Water Level (ft-below TOC): 12.74
Well Casing Volume (gallons): 5.26
Volume to be Evacuated During Purging (gallons): 15.78
Total volume purged (gallons) 7

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1019	1025	1038			
Volume (gallons)			4	6			
pH (SI units)	+/-0.2	7.54	7.37	7.34			
Temperature (°C)	+/-3%	14.9	14.8	14.8			
SC (umhos/cm)	+/-3%	5874	5931	5967			
ORP (milivlts)	+/-20	227.6	234.8	241.3			
DO (mg/l)	+/-10%	5.97	4.91	2.91			
DTW							
Color		Clear	Clear	Clear			

Sample Collection Information

Date and Time of Sample Collection: 4/21/2025 ; 1119

Sampling Method (circle): (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40mL VOA	3	HCL	VOCs

Associated QA/QC Samples:

Comments/Observations

Dry @ 7gal

Groundwater Sample Field Data Sheet

Sample Identification No. MW-45 48-53'

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CS/KF

Well Information

Well No: MW-45 48-53 Well Dia. (in) 2"

Screen Interval Depth:

Total Well Depth: 53

Well Purging Information

Date and time of Well Purging: 4/21/2025; 1042

Depth to Water Level (ft-below TOC): 18.79

Well Casing Volume (gallons): 5.58

Volume to be Evacuated During Purging (gallons): 16.74

Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1043	1050	1054			
Volume (gallons)			4	8 5			
pH (SI units)	+/-0.2	7.61	7.37	7.26			
Temperature (°C)	+/-3%	15.3	14.5	14.5			
SC (umhos/cm)	+/-3%	5687	6277	6317			
ORP (milivlts)	+/-20	237.5	237.3	244.6			
DO (mg/l)	+/-10%	1.18	2.34	2.33			
DTW							
Color		Clear	Yellow				

Sample Collection Information

Date and Time of Sample Collection: 4/21/25; 1122

Sampling Method (circle): (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40 mL VOA	3	HCL	VOCs

Associated QA/QC Samples:

Comments/Observations

Dry @ ~ 6

Groundwater Sample Field Data Sheet

Sample Identification No. MW-45 55-60'

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CS/KT

Well Information

Well No: MW-45 55-60' Well Dia. (in) 2"
Screen Interval Depth:
Total Well Depth: 60

Well Purging Information

Date and time of Well Purging: 4/21/2025 ; 1042 1100
Depth to Water Level (ft-below TOC): 37.99
Well Casing Volume (gallons): 3.52
Volume to be Evacuated During Purging (gallons): 10.56
Total volume purged (gallons) 5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1101	1107	1112			
Volume (gallons)			3	4.5			
pH (SI units) .....+/-0.2		7.40	7.19	7.16			
Temperature (°C) .....+/-3%		14.8	14.6	14.6			
SC (umhos/cm) .....+/-3%		6080	6267	6341			
ORP (milivlts) .....+/-20		242.7	245.7	240.8			
DO (mg/l) .....+/-10%		3.43	1.86	2.09			
DTW							
Color		clear	clear	tan			

Sample Collection Information

Date and Time of Sample Collection: 4/21/2025 ; 1240

Sampling Method (circle): (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40mL VOA	3	HCL	VOCs

Associated QA/QC Samples:

Comments/Observations

Dry, 2 ~ 5 gal

Groundwater Sample Field Data Sheet

Sample Identification No. MW-46 40-45

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CS / KF

Well Information

Well No: MW-46 40-45 Well Dia. (in) 2

Screen Interval Depth:

Total Well Depth: 45

Well Purging Information

Date and time of Well Purging: 4/21/25 ; 1135

Depth to Water Level (ft-below TOC): 18.26

Well Casing Volume (gallons): 4.37

Volume to be Evacuated During Purging (gallons): 13.11

Total volume purged (gallons)

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1137	1146	1150			
Volume (gallons)			3.5	5			
pH (SI units) .....+/-0.2		7.58	7.34	7.19			
Temperature (°C) .....+/-3%		15.8	14.9	14.6			
SC (umhos/cm) .....+/-3%		6475	6732	6764			
ORP (milivlts) .....+/-20		247.7	250.2	249.8			
DO (mg/l) .....+/-10%		6.89	4.38	2.18			
DTW							
Color		Clear	Clear	Tan			

Sample Collection Information

Date and Time of Sample Collection: 4/21/25; 1248

Sampling Method (circle): (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
3-40mL VOA	3	HCL	VOCs

Associated QA/QC Samples:

Comments/Observations

Dry @ 5.5

Groundwater Sample Field Data Sheet

Sample Identification No. MW-46 48-53'

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CS/KF

Well Information

Well No: MW-46 48-53' Well Dia. (in) 2"
Screen Interval Depth:
Total Well Depth: 53

Well Purging Information

Date and time of Well Purging: 4/21/25; 1159
Depth to Water Level (ft-below TOC): 19.58
Well Casing Volume (gallons): 5.34
Volume to be Evacuated During Purging (gallons): 16.04
Total volume purged (gallons) ~7

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1200	1206	1211			
Volume (gallons)			4	6			
pH (SI units) .....+/-0.2		7.08	7.02	7.03			
Temperature (°C) .....+/-3%		15.6	14.6	14.3			
SC (umhos/cm) .....+/-3%		7057	7106	7103			
ORP (milivlts) .....+/-20		245.5	239.1	244.0			
DO (mg/l) .....+/-10%		4.26	3.55	2.41			
DTW							
Color		Clr	Clear	clear			

Sample Collection Information

Date and Time of Sample Collection: 4/21/25; 1250

Sampling Method (circle): (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40mL VOA	3	HCL	VOCs

Associated QA/QC Samples:

Comments/Observations

Dry @ ~7gal

Groundwater Sample Field Data Sheet

Sample Identification No. MW-46 55-60'

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CS | KF

Well Information

Well No: MW-46 55-60' Well Dia. (in) 2"
Screen Interval Depth:
Total Well Depth: 60

Well Purging Information

Date and time of Well Purging: 4/21/25; 1214
Depth to Water Level (ft-below TOC): 22.29
Well Casing Volume (gallons): 6.03
Volume to be Evacuated During Purging (gallons): 18.10
Total volume purged (gallons) 4.5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1216	1224	1230			
Volume (gallons)			4.5	7			
pH (SI units) .....+/-0.2		7.01	6.92	6.77			
Temperature (°C) .....+/-3%		14.9	14.5	14.5			
SC (umhos/cm) .....+/-3%		7267	7459	7421			
ORP (milivlts) .....+/-20		242.3	236.8	242.0			
DO (mg/l) .....+/-10%		1.41	1.77	1.34			
DTW							
Color		clear	tan	tan			

Sample Collection Information

Date and Time of Sample Collection: 4/21/2025; 1255

Sampling Method (circle): (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40mL VOA	3	HCL	VOCs

Associated QA/QC Samples:

Comments/Observations

Dry @ ~4.5

Groundwater Sample Field Data Sheet

Sample Identification No. MW-47 40-45

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CS/KF

Well Information

Well No: MW-47 40.45 Well Dia. (in) 2"

Screen Interval Depth:

Total Well Depth: 45

Well Purging Information

Date and time of Well Purging: 4/21/2025 1306

Depth to Water Level (ft-below TOC): 18.25

Well Casing Volume (gallons): 4.28

Volume to be Evacuated During Purging (gallons): 12.84

Total volume purged (gallons) 5.5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1308	1315	1318			
Volume (gallons)			4.5	5.5			
pH (SI units) .....+/-0.2		7.40	7.14	7.10			
Temperature (°C) .....+/-3%		15.9	15.5	15.3			
SC (umhos/cm) .....+/-3%		6998	6902	6860			
ORP (milivlts) .....+/-20		234.7	250.8	251.3			
DO (mg/l) .....+/-10%		6.02	4.11	2.84			
DTW							
Color		clear	clear	tan			

Sample Collection Information

Date and Time of Sample Collection: 4/21/2025; 1511

Sampling Method (circle): (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40mL VOA	3	HCL	VOCs

Associated QA/QC Samples:

Comments/Observations

Dry @ ~5.5 gal

Groundwater Sample Field Data Sheet

Sample Identification No. MW-47 48-53'

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: CS/KF

Well Information

Well No: MW-47 48-53 Well Dia. (in) 2"
Screen Interval Depth: _____
Total Well Depth: 53

Well Purging Information

Date and time of Well Purging: _____
Depth to Water Level (ft-below TOC): 23.69
Well Casing Volume (gallons): 4.69
Volume to be Evacuated During Purging (gallons): 14.06
Total volume purged (gallons) 6

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1323	1330	1335			
Volume (gallons)			4	5			
pH (SI units) .....+/-0.2		7.35	7.19	7.12			
Temperature (°C) .....+/-3%		15.6	15.7	15.2			
SC (umhos/cm) .....+/-3%		7203	7336	7244			
ORP (milivlts) .....+/-20		250.1	248.0	253.5			
DO (mg/l) .....+/-10%		4.88	2.31	2.54			
DTW							
Color		tan	tan	tan			

Sample Collection Information

Date and Time of Sample Collection: 4/21/2025; 1514

Sampling Method (circle): (Bailer) Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40mL VOA	3	HCl	VOCs

Associated QA/QC Samples: _____

Comments/Observations

Dry @ ~6 gal

Groundwater Sample Field Data Sheet

Sample Identification No. MW-47 55-60'

Project Information

Project Name: Thornton Shopping Center

Contractor: ERO Sample Tech.: CS/KF

Well Information

Well No: MW-47 55-60 Well Dia. (in) 2"

Screen Interval Depth: _____

Total Well Depth: 60

Well Purging Information

Date and time of Well Purging: 4/21/2025 ; 1343

Depth to Water Level (ft-below TOC): 47.50

Well Casing Volume (gallons): 2.00

Volume to be Evacuated During Purging (gallons): 6.00

Total volume purged (gallons) _____

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1346	1347	1350			
Volume (gallons)			1	2.5			
pH (SI units) .....+/-0.2		7.16	7.20	7.36			
Temperature (°C) .....+/-3%		15.4	15.4	15.4			
SC (umhos/cm) .....+/-3%		7519	7341	7486			
ORP (milivlts) .....+/-20		252.9	255.4	245.6			
DO (mg/l) .....+/-10%		1.80	1.95	2.44			
DTW							
Color		clear	clear	clear			

Sample Collection Information

Date and Time of Sample Collection: 4/21/2025; 1517

Sampling Method (circle): Bailer Peristaltic Pump Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40 mL VOA	3	HCL	VOCs

Associated QA/QC Samples: _____

Comments/Observations

Dry @

Groundwater Sample Field Data Sheet

Sample Identification No. 8946-2

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: 8946-2 Well Dia. (in) ~~2~~ GM 1"
Screen Interval Depth: 10
Total Well Depth: 23

Well Purging Information

Date and time of Well Purging: 4/22/25 1229
Depth to Water Level (ft-below TOC): 9.19
Well Casing Volume (gallons): 1.1
Volume to be Evacuated During Purging (gallons): 3.3
Total volume purged (gallons) 0.5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1229	1234	1239	1244		
Volume (gallons)		0	0.25	0.5	0.5		
pH (SI units) .....+/-0.2		7.38	7.45	7.53	7.44		
Temperature (°C) .....+/-3%		15.8	15.4	15.3	15.7		
SC (umhos/cm) .....+/-3%		4676	3536	2546	3115		
ORP (milivlts) .....+/-20		255.7	242.7	245.3	249.8		
DO (mg/l) .....+/-10%		2.67	4.36	5.72	5.08		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 4/22/25 1244

Sampling Method (circle): Bailer (Peristaltic Pump) Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260 (DCL)

Associated QA/QC Samples: —

Comments/Observations

—

Groundwater Sample Field Data Sheet

Sample Identification No. 8946-6

Project Information

Project Name: Thornton Shopping Center
Contractor: ERO Sample Tech.: GM/ET

Well Information

Well No: 8946-6 Well Dia. (in) 1"
Screen Interval Depth: 10'
Total Well Depth: 23'

Well Purging Information

Date and time of Well Purging: 4/22/25 1308
Depth to Water Level (ft-below TOC): ~~14.41~~ GM 13.96
Well Casing Volume (gallons): 0.7
Volume to be Evacuated During Purging (gallons): 2.2
Total volume purged (gallons) 0.5

Field Water Quality Parameters During Well Purging

	Stabilize	Initial	1st Vol	2nd Vol	3rd Vol	4th Vol	Sample
Time		1308	1313	1318	1323		
Volume (gallons)		0	0.25	0.5	0.5		
pH (SI units) +/-0.2		7.24	7.42	7.32	7.39		
Temperature (°C) +/-3%		16.0	15.9	16.1	16.2		
SC (umhos/cm) +/-3%		4372	~~24~~ 4335	4333	4334		
ORP (milivlts) +/-20		276.7	259.9	256.5	252.9		
DO (mg/l) +/-10%		4.25	2.87	2.92	2.72		
DTW		—	—	—	—		
Color		clear	clear	clear	clear		

Sample Collection Information

Date and Time of Sample Collection: 4/22/25 1323

Sampling Method (circle): Bailer (Peristaltic Pump) Diffuser Micro-Purge

Containers	Number	Preservatives	Analyses
40ml voa	3	HCl	VOCs 8260(DCL)

Associated QA/QC Samples: —

Comments/Observations

Water level may be inaccurate, forgot to take initial

Appendix B Boring Logs and Well Completions

FREEDOM ENVIRONMENTAL
CONSULTANTS, INC.

LOG OF BORING/MONITORING WELL MW-1

Page 1 of 1

Freedom Project No.:	0605-064
Date:	9/28/2005
Client:	Thornton LLC
Location:	Thornton Shopping Center
Drilling Method:	4" Solid Stem Auger
Drilling Company:	Dakota
Logged by:	RML
Casing Elev.:	95.77

NW of current dry cleaner along parking stripes

Boring Location Sketch

Blow Count per 12"	PID Values	Depth (feet)	Soil Class.	Soils Description
				Asphalt
28	0.0	5	SP	SAND, poorly graded, fine grained, sli clayey, olive-med gray, damp
60	0.0	10	CS MS	CLAYSTONE/SILTSTONE, weathered, olive, dry
46	0.0	15	CS SS	CLAYSTONE/SANDSTONE,
61	0.0	20		aa
61	0.1	25		aa
85	0.0	30	CS	MUDSTONE, silty, yell brown

Well Diagram: 1 4" Traffic Box; 2 Concrete Grout; 3 Locking Cap; 4 Sch. 40 PVC; 5 Sch. 40 PVC Screen - 0.010" Slot; Graded Silica Sand; Total Depth = 30'

LEGEND
1 4" Traffic Box
2 Concrete Grout
3 Locking Cap
4 Sch. 40 PVC
5 Sch. 40 PVC Screen - 0.010" Slot

Note: No samples submitted for laboratory analysis.

Depth to Water	Date/Time	Depth to Water	Date/Time
None	At drilling	11.18'	3/21/05

FREEDOM ENVIRONMENTAL
CONSULTANTS, INC.

LOG OF BORING/MONITORING WELL MW-2

Page 1 of 1

SE of Family Dollar along the south site boundary

Boring Location Sketch

Freedom Project No.:	0605-064	Date:	9/28/2005
Client:	Thornton LLC		
Location:	Thornton Shopping Center		
Drilling Method:	4" Solid Stem Auger		
Drilling Company:	Dakota		
Logged by:	RML	Casing Elev.:	99.10

Blow Count per 12"	PID Values	Depth (feet)	Sample Interval	Soil Class.	Soils Description
					Asphalt
					clay
43	0.0	5		CS	CLAYSTONE, olive to med gray
48	0.0	10		CS	aa
70-11"	0.1	15		CS SS	CLAYSTONE/SANDSTONE, yellow
44	1.3	20	*	MS SS	SILTSTONE/SANDSTONE, yellow siltstone is gray
50-3"	0.0	25		SS	SANDSTONE, fine - med grained, olive
64	0.0	30		ML	SILTSTONE, olive buff

Well Diagram: 1 4" Traffic Box; 2 Concrete Grout; 3 Locking Cap; 4 Sch. 40 PVC; 5 Sch. 40 PVC Screen - 0.010" Slot; Graded Silica Sand; Total Depth = 30'

LEGEND
1 4" Traffic Box
2 Concrete Grout
3 Locking Cap
4 Sch. 40 PVC
5 Sch. 40 PVC Screen - 0.010" Slot

Note: * sumitted for laboratory analysis as MW-2-4

Depth to Water	Date/Time	Depth to Water	Date/Time
None	At drilling	19.80'	3/22/05

FREEDOM ENVIRONMENTAL CONSULTANTS, INC.

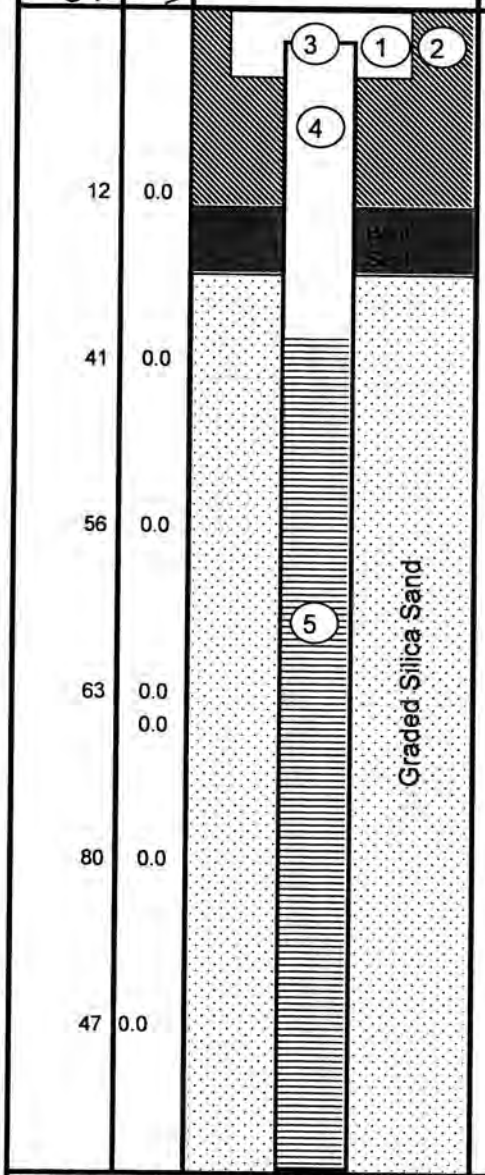
LOG OF BORING/MONITORING WELL MW-3

Page 1 of 1

South side of current dry cleaner

Boring Location Sketch

Freedom Project No.:	0605-064	Date:	9/28/2005
Client:	Thornton LLC		
Location:	Thornton Shopping Center		
Drilling Method:	4" Solid Stem Auger		
Drilling Company:	Dakota		
Logged by:	RML	Casing Elev.:	97.67



Blow Count per 12"	PID Values	Depth (feet)	Sample Interval	Graphic Log	Soil Class.	Soils Description
						Asphalt
12	0.0	5			CL	CLAY, fill red-brn, sli sandy, fine grained
41	0.0	10			CS	CLAYSTONE, weathered olive
					MS	SILTSTONE/SANDSTONE, fine grained,
					SS	clayey, yellow
56	0.0	15			CS	CLAYSTONE, olive to med gray
63	0.0	20			MS	SILTSTONE/SANDSTONE, ss = yell
	0.0				SS	ms = olive
80	0.0	25			CS	CLAYSTONE, silty olive-gray
47	0.0	30			SS	SANDSTONE, fine grained, clayey, yell-brn to light gray, damp
						Note: No samples submitted for laboratory analysis.

LEGEND

1. 4" Traffic Box
2. Concrete Grout
3. Locking Cap
4. Sch. 40 PVC
5. Sch. 40 PVC Screen - 0.010" Slot

Depth to Water	Date/Time	Depth to Water	Date/Time
None	At drilling	13.45'	3/21/05

FREEDOM ENVIRONMENTAL CONSULTANTS, INC.

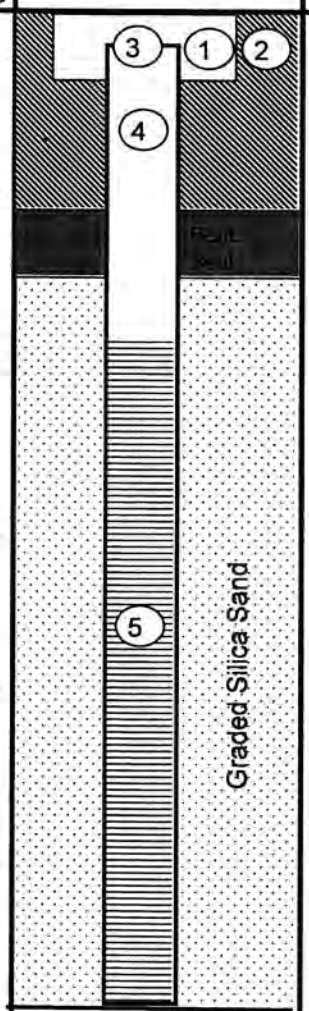
LOG OF BORING/MONITORING WELL MW-4

Page 1 of 1

East side of current dry cleaner

Boring Location Sketch

Freedom Project No.:	0605-064	Date:	9/28/2005
Client:	Thornton LLC		
Location:	Thornton Shopping Center		
Drilling Method:	4" Solid Stem Auger		
Drilling Company:	Dakota		
Logged by:	RML	Casing Elev.:	95.99



Blow Count per 12"	PID Values	Depth (feet)	Sample Interval	Graphic Log	Soil Class.	Soils Description
	3.2		*			Asphalt Grab sample - clay fill
15	0.6	5	*		CL	CLAY, fill red-brn, silty, damp
58	0.3	10			SS	SANDSTONE, fine grained, clayey, micac., light brn-olive
39	0.0	15			MS CS	SILTSTONE/CLAYSTONE, med gray Fe stn
38	0.0	20			SS CS	SANDSTONE CLAYSTONE
52	0.0	25			CS MS	C'STONE/SILTSTONE Olive, fractured in part
78	0.0	30			SS	SANDSTONE, fine grained, clayey, yell-brn

Total Depth = 30'

LEGEND

1. 4" Traffic Box
2. Concrete Grout
3. Locking Cap
4. Sch. 40 PVC
5. Sch. 40 PVC Screen - 0.010" Slot

Note: * indicates samples submitted for laboratory analysis as MW-4-0 & MW-4-1

Depth to Water	Date/Time	Depth to Water	Date/Time
None	At drilling	13.45'	3/21/05

FREEDOM ENVIRONMENTAL
CONSULTANTS, INC.

LOG OF BORING/MONITORING WELL MW-5

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S of U-Haul along the south site boundary

Boring Location Sketch

Freedom Project No.:	0605-064	Date:	9/29/2005
Client:	Thornton LLC		
Location:	Thornton Shopping Center		
Drilling Method:	4" Solid Stem Auger		
Drilling Company:	Dakota		
Logged by:	RML	Casing Elev.:	98.80

Blow Count per 12"	PID Values	Depth (feet)	Soil Class.	Soils Description
				Asphalt
				clay
24	0.0	5	CS	CLAYSTONE, weathered, silty, yell-brn to med gray
50-4"	0.0	10	SS	SANDSTONE, weathered, fine-med grained, lt brn & olive
56	0.0	15	SS	aa
	0.3		CS	MUDSTONE/SILTSTONE, yell-ochre
90-8"	0.0	20	MS	SILTSTONE, sandy in part, fine grained, gray brown-yell brn
50-3"	0.0	25	SS	SANDSTONE, aa, clayey
50-Bounce	NS	30	SS	SANDSTONE ??

Well Diagram: 1 Locking Cap; 2 Concrete; 3 Bentonite Seal; 4 Sch 40 PVC Riser; 5 Graded Silica Sand

Depth to Water	Date/Time	Depth to Water	Date/Time
None	At drilling	19.80'	3/22/05

FREEDOM ENVIRONMENTAL CONSULTANTS, INC.

LOG OF BORING/MONITORING WELL MW-5

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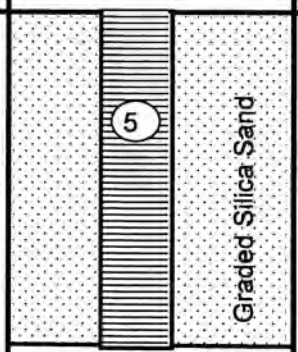
S of U-Haul along the south site boundary

Boring Location Sketch

Freedom Project No.:	0605-064
Date:	9/29/2005
Client:	Thornton LLC
Location:	Thornton Shopping Center
Drilling Method:	4" Solid Stem Auger
Drilling Company:	Dakota
Logged by:	RML
Casing Elev.:	98.80



Total Depth = 40'

Blow Count per 12"	PID Values	Depth (feet)	Sample Interval	Graphic Log	Soil Class.	Soils Description
65	0.0	35			CS MS	CLAYSTONE/SILTSTONE in part, med-dark gray
84	0.0	40			CS	CLAYSTONE, as above, fractures w/ Fe stn
		45				
		50				
		55				
		60				

LEGEND

1 4" Traffic Box
2 Concrete Grout
3 Locking Cap
4 Sch. 40 PVC
5 Sch. 40 PVC Screen - 0.010" Slot

Note: No samples submitted for laboratory analysis.

Depth to Water	Date/Time	Depth to Water	Date/Time
None	At drilling	18.60'	3/22/05

FREEDOM ENVIRONMENTAL CONSULTANTS, INC.

LOG OF BORING/MONITORING WELL MW-6

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Just S of the laundromat

Boring Location Sketch

Freedom Project No.:	0605-064	Date:	9/29/2005
Client:	Thornton LLC		
Location:	Thornton Shopping Center		
Drilling Method:	4" Solid Stem Auger		
Drilling Company:	Dakota		
Logged by:	RML	Casing Elev.:	99.76

Blow Count per 12"	PID Values	Depth (feet)	Soil Class.	Soils Description
				Asphalt
				clay
43	0.0	5	CS	CLAYSTONE, silty, gray-yell brn
60	0.0	10	ML	SILTSTONE (or vfg SS), yell brn-gray
43	0.2	15	CS	CLAYSTONE, silty, highly fractured
71	85	20 *	CS	MUDSTONE, yell brn-gray
50-6"	2.1	25	SS	SANDSTONE, fine - med grained, silty, yell-gray
63	10.6	30	ML	SILTSTONE, gray-olive

Well Diagram: 1 4" Traffic Box; 2 Concrete Grout; 3 Locking Cap; 4 Sch. 40 PVC; 5 Sch. 40 PVC Screen - 0.010" Slot; Graded Silica Sand; Total Depth = 30'

LEGEND

1 4" Traffic Box
2 Concrete Grout
3 Locking Cap
4 Sch. 40 PVC
5 Sch. 40 PVC Screen - 0.010" Slot

Note: * sumitted for laboratory analysis as MW-6-4

Depth to Water	Date/Time	Depth to Water	Date/Time
None	At drilling	17.06'	3/22/05

FREEDOM ENVIRONMENTAL CONSULTANTS, INC.

LOG OF BORING/MONITORING WELL MW-7

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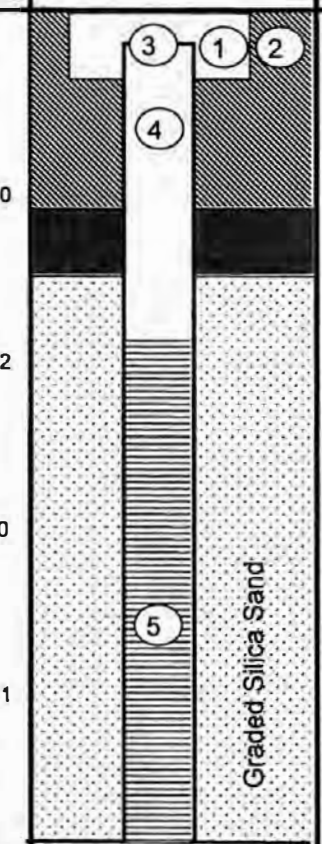
Just S of the laundromat

Boring Location Sketch

Freedom Project No.:	0605-064	Date:	9/29/2005
Client:	Thornton LLC		
Location:	Thornton Shopping Center		
Drilling Method:	4" Solid Stem Auger		
Drilling Company:	Dakota		
Logged by:	RML	Casing Elev.:	96.24



Blow Count per 12"	PID Values	Depth (feet)	Sample Interval	Graphic Log	Soil Class.	Soils Description
						Asphalt
16	9.0	5	*		CL	CLAY, fill?, silty, sli sandy, fine grained, med gray - no odor
13	7.2	10			CL	aa
14	10	15			CL	aa, incr. silt and sand
16	2.1	20			SC	SAND, very fine-fine grained, clayey, fill?, yell-ochre
27	4.8	25			CS MS	CLAYSTONE/SILTST. gray, fractured
		30				

LEGEND

1 4" Traffic Box
2 Concrete Grout
3 Locking Cap
4 Sch. 40 PVC
5 Sch. 40 PVC Screen - 0.010" Slot

Note: * sumitted for laboratory analysis as MW-7-1

Depth to Water	Date/Time	Depth to Water	Date/Time
None	At drilling	9.16'	3/22/05

FREEDOM ENVIRONMENTAL CONSULTANTS, INC.

LOG OF BORING/MONITORING WELL MW-8

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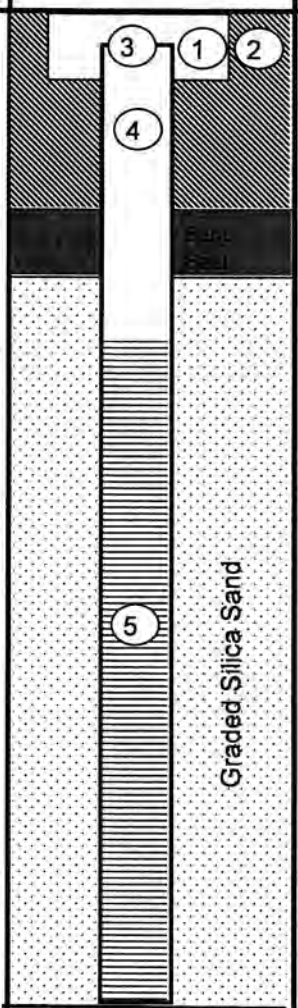
Freedom Project No.:	0605-064
Date:	9/29/2005
Client:	Thornton LLC
Location:	Thornton Shopping Center
Drilling Method:	4" Solid Stem Auger
Drilling Company:	Dakota
Logged by:	RML
Casing Elev.:	95.56

North side of current dry cleaner

Boring Location Sketch



Blow Count per 12"	PID Values	Depth (feet)	Sample Interval	Graphic Log	Soil Class.	Soils Description
						Asphalt
20	4.3	5			CL	CLAY, silty, yell brn, moist
57	6.0	10	*		SS	SANDSTONE, fine grained, clayey, yell-ochre
35	3.8	15			CS MS	CLAYSTONE/SILTSTONE in part, olive, hard, blocky, highly frac. in part
52	5.1	20				aa
52	7.5	25			CS	CLAYSTONE, blocky olive
45	3.4	30			SS	SANDSTONE, v fine-fine grained, clayey, olive

LEGEND

1. 4" Traffic Box
2. Concrete Grout
3. Locking Cap
4. Sch. 40 PVC
5. Sch. 40 PVC Screen - 0.010" Slot

Note: * indicates samples submitted for laboratory analysis as MW-8-2

Depth to Water	Date/Time	Depth to Water	Date/Time
None	At drilling	11.70'	3/21/05

FREEDOM ENVIRONMENTAL
CONSULTANTS, INC.

LOG OF BORING/MONITORING WELL MW-9

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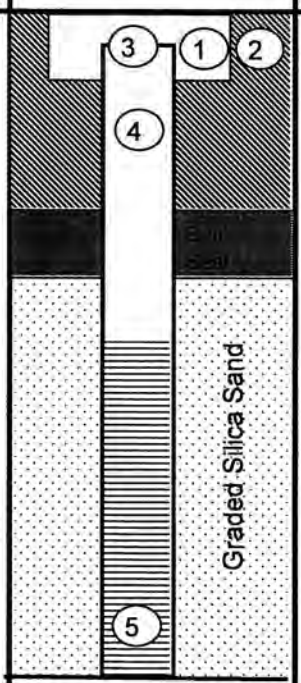
S of the laundromat. 35' W and 8'N of MW-6.

Boring Location Sketch

Freedom Project No.:	0605-064	Date:	2/3/2006
Client:	Thornton LLC		
Location:	Thornton Shopping Center		
Drilling Method:	4" Solid Stem Auger		
Drilling Company:	Dakota		
Logged by:	RML	Casing Elev.:	99.21

Blow Count per 12"	PID Values	Depth (feet)	Soil Class.	Soils Description
		0		Asphalt
40	0.2	15	MS	SILTSTONE, clayey, yell brn, moist



LEGEND

1 4" Traffic Box
2 Concrete Grout
3 Locking Cap
4 Sch. 40 PVC
5 Sch. 40 PVC Screen - 0.010" Slot

Depth to Water	Date/Time	Depth to Water	Date/Time
None	At drilling	16.80'	3/22/05

FREEDOM ENVIRONMENTAL CONSULTANTS, INC.

LOG OF BORING/MONITORING WELL MW-10

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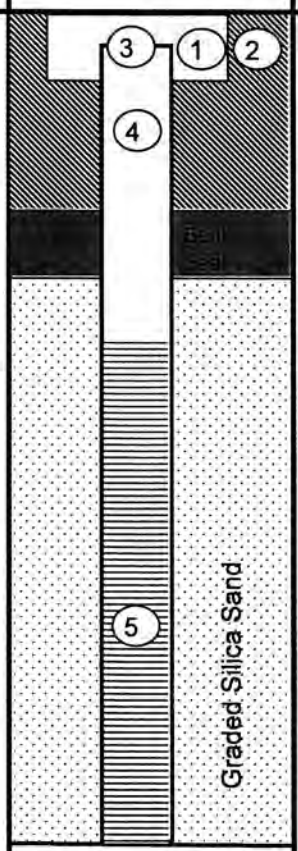
N side of building in parking area N of laundromat

Boring Location Sketch

Freedom Project No.:	0605-064	Date:	3/7/2006
Client:	Thornton LLC		
Location:	Thornton Shopping Center		
Drilling Method:	4" Solid Stem Auger		
Drilling Company:	Dakota		
Logged by:	RML	Casing Elev.:	98.35



Blow Count per 12"	PID Values	Depth (feet)	Sample Interval	Graphic Log	Soil Class.	Soils Description
						Asphalt
95-11"	1.5	5			MS	SILTSTONE, lt-yell gray, hard, vf sand @5.5-6'
91-11"	1.0	10			MS	SILTSTONE, lt olive-yell
74	<1	15				aa, blocky w/ fractures
50-4"	<1	20				aa, dark olive, trace fine sand
		25				
		30				

LEGEND

1 4" Traffic Box
2 Concrete Grout
3 Locking Cap
4 Sch. 40 PVC
5 Sch. 40 PVC Screen - 0.010" Slot

Note: No samples sumitted for laboratory analysis

Depth to Water	Date/Time	Depth to Water	Date/Time
None	At drilling	13.74'	3/21/05

FREEDOM ENVIRONMENTAL
CONSULTANTS, INC.

LOG OF BORING/MONITORING WELL MW-12

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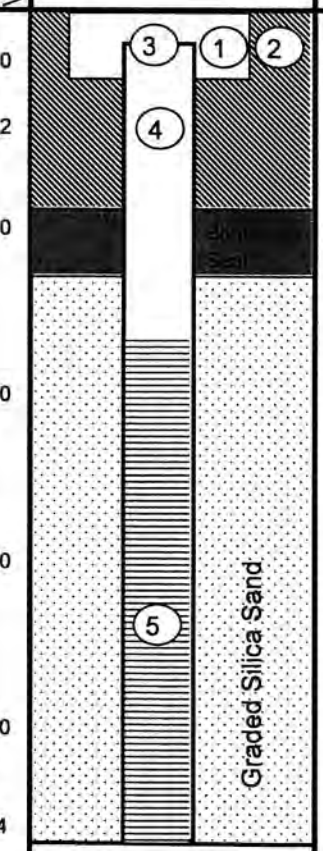
S of Chinese Buffet

Boring Location Sketch

Freedom Project No.:	0605-064	Date:	3/7/2006
Client:	Thornton LLC		
Location:	Thornton Shopping Center		
Drilling Method:	7" HSA w/ CME Core		
Drilling Company:	Dakota		
Logged by:	RML	Casing Elev.:	100.12

Blow Count per 12"	PID Values	Depth (feet)	Soil Class.	Soils Description
58	1.0			Asphalt
87	1.2		ML	SILT, lt brownish yell
2.0' Rec.	3.0	5	MS	SILTSTONE, lt brownish yell-gray
2.0' Rec.	5.0	10		aa, gray
2.5' Rec.	6.0	15		aa, harder
Not Recorded	4.0	20		aa
	14	25		
No Drives 5'-TD		30		



LEGEND

1 4" Traffic Box
2 Concrete Grout
3 Locking Cap
4 Sch. 40 PVC
5 Sch. 40 PVC Screen - 0.010" Slot

Note: * sumitted for laboratory analysis as MW-12@15

Depth to Water	Date/Time	Depth to Water	Date/Time
None	At drilling	15.92'	3/22/05

FREEDOM ENVIRONMENTAL CONSULTANTS, INC.

LOG OF BORING/MONITORING WELL MW-11

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SEC of the laundromat

Boring Location Sketch

Freedom Project No.:	0605-064	Date:	3/6/2006
Client:	Thornton LLC		
Location:	Thornton Shopping Center		
Drilling Method:	4" auger/NX Core		
Drilling Company:	Dakota		
Logged by:	RML	Casing Elev.:	99.81

Blow Count per 12"	PID Values	Depth (feet)	Soil Class.	Soils Description
20	0.0			Asphalt
			ML	SILT, clayey, yellow-gray
49	0.0			
71	0.0	5	MS	SILTSTONE, clayey, blocky, yell-gray
93-10"				
94-10"	1.5			aa, dry
		10		
	5		MS	SILTSTONE, blocky, gray, damp
	150	15		
	1100			aa w/ v fine grained sand, rust
	105	20		
	31			aa w/ fine grained sand @ 20'
	204			
	84	25		
		30		

Well Diagram: 1 4" Traffic Box; 2 Concrete Grout; 3 Locking Cap; 4 Sch. 40 PVC; 5 Sch. 40 PVC Screen - 0.010" Slot; Graded Silica Sand

Total Depth = 25'

LEGEND

1 4" Traffic Box
2 Concrete Grout
3 Locking Cap
4 Sch. 40 PVC
5 Sch. 40 PVC Screen - 0.010" Slot

Note: * sumitted for laboratory analysis as MW-11@15 and MW-11@17

Depth to Water	Date/Time	Depth to Water	Date/Time
None	At drilling	15.76'	3/22/05

FREEDOM ENVIRONMENTAL CONSULTANTS, INC.

LOG OF BORING/MONITORING WELL MW-13

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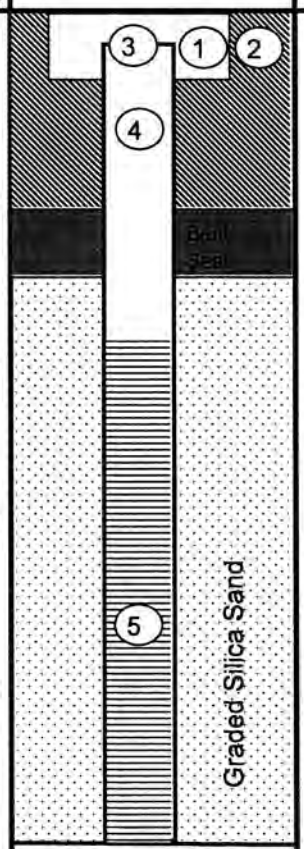
SE along 88th by sign

Boring Location Sketch

Freedom Project No.:	0605-064	Date:	3/7/2006
Client:	Thornton LLC		
Location:	Thornton Shopping Center		
Drilling Method:	4" Solid Stem Auger		
Drilling Company:	Dakota		
Logged by:	RML	Casing Elev.:	97.61



Blow Count per 12"	PID Values	Depth (feet)	Sample Interval	Graphic Log	Soil Class.	Soils Description
						Asphalt
54	2.0	5			MS	SILTSTONE, dk gray, hard, blocky
60	2.5	10				aa
84-11"	3.0	15				aa, rusty brown, softer
39-10"	12	20			MS	SILTSTONE, dk gray, hard, blocky, gypsum(?) @ 20.5'
71	9	25				aa
		30				

LEGEND

1 4" Traffic Box
2 Concrete Grout
3 Locking Cap
4 Sch. 40 PVC
5 Sch. 40 PVC Screen - 0.010" Slot

Note: No samples sumitted for laboratory analysis

Depth to Water	Date/Time	Depth to Water	Date/Time
None	At drilling	19.47'	3/22/05

FREEDOM ENVIRONMENTAL CONSULTANTS, INC.

LOG OF BORING/MONITORING WELL MW-14

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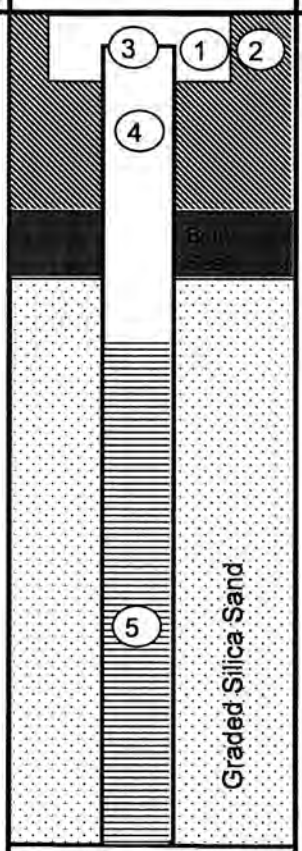
SEC of the site along 88th in the parking lot

Boring Location Sketch

Freedom Project No.:	0605-064	Date:	3/7/2006
Client:	Thornton LLC		
Location:	Thornton Shopping Center		
Drilling Method:	4" Solid Stem Auger		
Drilling Company:	Dakota		
Logged by:	RML	Casing Elev.:	96.92

Blow Count per 12"	PID Values	Depth (feet)	Soil Class.	Soils Description
				Asphalt
36		5	MS	SILTSTONE, weathered(?), yell brn, w/ some fine grained sand
86-10"		10	MS	SILTSTONE, olive gray, blocky
86-10"		15		aa
93		20		aa
		25		
		30		



LEGEND

1 4" Traffic Box
2 Concrete Grout
3 Locking Cap
4 Sch. 40 PVC
5 Sch. 40 PVC Screen - 0.010" Slot

Note: No samples sumitted for laboratory analysis

Depth to Water	Date/Time	Depth to Water	Date/Time
None	At drilling	18.81'	3/22/05

FREEDOM ENVIRONMENTAL
CONSULTANTS, INC.

LOG OF BORING/MONITORING WELL MW-15

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East of the site along Corona Street

Boring Location Sketch

Freedom Project No.:	0605-064	Date:	4/25/2006
Client:	Thornton LLC		
Location:	Thornton Shopping Center		
Drilling Method:	4" Solid Stem Auger		
Drilling Company:	Dakota		
Logged by:	CWP	Casing Elev.:	96.76

Blow Count per 12"	PID Values	Depth (feet)	Soil Class.	Soils Description
				Asphalt
24	0.0	5	CL	CLAY, silty, sli sandy, tan-lt brn
			SC	SAND, fine to v fine grained, clayey
34	0.0	10	CS	CLAYSTONE, sli silty, brn-olive gray
80	0.0	15	MS	SILTSTONE, clayey, sandy
52	0.0		CS	CLAYSTONE, as above
83-9"	0.0	20	MS	SILTSTONE
			SS	SANDSTONE
		25		
		30		

Well Diagram: 1 Traffic Box; 2 Concrete Grout; 3 Locking Cap; 4 Sch. 40 PVC; 5 Sch. 40 PVC Screen - 0.010" Slot; Bent Seal; Graded Silica Sand; Total Depth = 25'

LEGEND

1 4" Traffic Box
2 Concrete Grout
3 Locking Cap
4 Sch. 40 PVC
5 Sch. 40 PVC Screen - 0.010" Slot

Note: No samples sumitted for laboratory analysis

Depth to Water	Date/Time	Depth to Water	Date/Time
None	At drilling	19.46'	6/28/06

FREEDOM ENVIRONMENTAL CONSULTANTS, INC.

LOG OF BORING/MONITORING WELL MW-16

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East of the northeast corner of the main building

Boring Location Sketch

Freedom Project No.:	0605-064	Date:	4/25/2006
Client:	Thornton LLC		
Location:	Thornton Shopping Center		
Drilling Method:	4" Solid Stem Auger		
Drilling Company:	Dakota		
Logged by:	CWP	Casing Elev.:	96.88

Blow Count per 12"	PID Values	Depth (feet)	Soil Class.	Soils Description
				Asphalt
20	0.0	5	CL	CLAY, silty, sli sandy, tan-lt brn
			SC	SAND, fine to v fine grained, clayey
44	0.0	10	MS	SILTSTONE, weathered, tan-lt brn
			SS	SANDSTONE, weathered, v fine-med gr.
74	0.0	15	CS	CLAYSTONE, sli silty, brn-olive gray
50-5"	0.0	20	MS	as above
			SS	
		25		
		30		

Well Diagram: 1 = 4" Traffic Box; 2 = Concrete Grout; 3 = Locking Cap; 4 = Sch. 40 PVC; 5 = Sch. 40 PVC Screen - 0.010" Slot; Bent. Seal; Graded Silica Sand; Total Depth = 25'

LEGEND

1 4" Traffic Box
2 Concrete Grout
3 Locking Cap
4 Sch. 40 PVC
5 Sch. 40 PVC Screen - 0.010" Slot

Note: No samples sumitted for laboratory analysis

Depth to Water	Date/Time	Depth to Water	Date/Time
None	At drilling	17.55'	6/28/06

FREEDOM ENVIRONMENTAL CONSULTANTS, INC.

LOG OF BORING/MONITORING WELL MW-17

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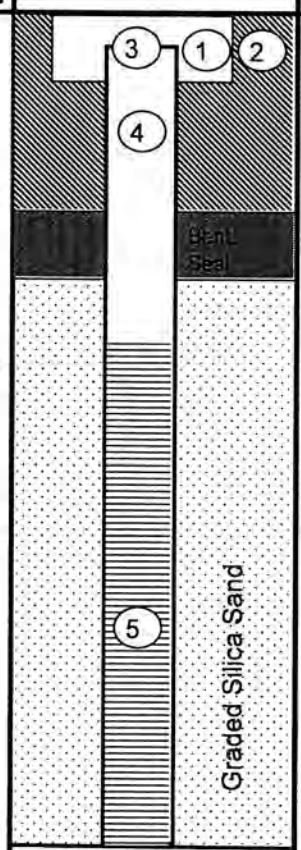
Upgradient well west of U-Haul

Boring Location Sketch

Freedom Project No.:	0605-064	Date:	4/25/2006
Client:	Thornton LLC		
Location:	Thornton Shopping Center		
Drilling Method:	4" Solid Stem Auger		
Drilling Company:	Dakota		
Logged by:	CWP	Casing Elev.:	99.32



Blow Count per 12"	PID Values	Depth (feet)	Sample Interval	Graphic Log	Soil Class.	Soils Description
						Asphalt
56	0.0	5			CS	CLAYSTONE, weathered, yell, tan, gray
					SS	SANSTONE, silty, clayey
84	0.0	10			CS	as above
44	0.0	15			CS	as above
81-11"	0.0	20			MS	SILTSTONE, sandy, clayey
76	0.0	25				
		30				

Total Depth = 25'

LEGEND

1 4" Traffic Box
2 Concrete Grout
3 Locking Cap
4 Sch. 40 PVC
5 Sch. 40 PVC Screen - 0.010" Slot

Note: No samples sumitted for laboratory analysis

Depth to Water	Date/Time	Depth to Water	Date/Time
None	At drilling	10.73'	6/28/06

Well Location Sketch:

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BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number:	MW-18	Project:	Thornton Shopping Center
Date:	7/22/2011	Project #	033711001
Logged By:	John Brown	Drilled By:	Alpine Field Services
Elevation: NM	Detector: MiniRAE-Lite (10.6)	Drilling Method:	4" Dia. Solid Stem Auger
		Sampling Method:	5' Length MacroCore (DP)
Gravel Pack:	10-20 Silica Sand / 6-23' BGS	Seal:	Granular Bentonite
		Grout:	Granular Bentonite
Casing Type:	Sch. 40 PVC	Diameter: 2" Length: 7.5'	Hole Diameter: 4"
Screen Type:	Sch. 40 PVC Slot: 0.010"	Diameter: 2" Length: 15'	Total Depth: 25.0' Boring 23.0' Well
			Depth to Water: Dry

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample Interval	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks
					0				
Not Applicable - Direct Push	Dry	-----	None		1		Augered	Asphalt	0 - 0.5' Asphalt
		-----						RoadBase	0.5 - 1.0' Gravel Roadbase, Loose, Dry
		2.3			2		46"	CL	1.0 - 5.0' Brown Clay, Stiff, Slightly Moist
		0.3							
		ND			3				
		ND							
		ND			4				
		ND							
		ND			5				
	Moist	ND	None				60"		5.0 - 8.4' Brown Clay, Medium Stiff to Soft, Moist
		ND			6				
		ND							
		ND			7				
		ND		7-8'					
		ND			8				
		ND							
		ND			9			WCS	8.4 - 9.6' Brown Weathered Claystone, Stiff But Friable, Moist
		ND							
	Dry	ND			10				9.6 - 10.0' Same As Above, Very Stiff, Non-Friable, Dry
		ND							10.0 - 12.5' Brown Weathered Claystone, Medium Stiff, Slightly Moist
	Slightly Moist	ND	None		11		30"		
		ND							
		ND			12				
		ND							
		ND			13				12.5 - 15.0' Same As Above, Dry
		ND	None				30"		
		ND			14				
		ND							
		ND			15				
		ND							
		ND	None		16		30"		15.0 - 17.5' Same As Above, Dry
		ND							
		ND			17				
		ND							
		ND			18				17.5 - 20.0' Same As Above, Dry
		ND							
	Dry	ND	None		19		30"		
		ND							
		0.3			20				
		0.3							20.0 - 22.0' Same As Above, Very Stiff, Dry
		1.8			21				
		3.5	None	21-22'			30"		
		0.5			22				
		0.6							
		ND			23			CLS	22.0 - 25.0' Brown Claystone, Very Stiff, Moderately Friable, Dry
		ND							(Unweathered & More Competant)
		ND	None		24		30"		
		ND							
		ND			25				

Flushmount

TD = 23' BGS

Bottom of Boring at 25' BGS

= 10-20 Silica Sand Pack

= Well Screen

= Hydrated Granular Bentonite

BGS = Below Ground Surface

ND = Not Detected

NM = Not Measured

TD = Total Depth

Well Location Sketch:

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BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number:	MW-19	Project:	Thornton Shopping Center
Date:	7/6/2011	Project #	033711001
Logged By:	John Brown	Drilled By:	Alpine Field Services
Elevation:	NM	Detector:	MiniRAE-Lite (10.6)
Drilling Method:	4" Dia. Solid Stem Auger	Sampling Method:	5' Length MacroCore (DP)
Gravel Pack:	10-20 Silica Sand / 13-25' BGS	Seal:	Granular Bentonite
Grout:	Granular Bentonite		
Casing Type:	Sch. 40 PVC	Diameter: 2"	Length: 14.5'
Hole Diameter:	4"		
Screen Type:	Sch. 40 PVC	Slot: 0.010"	Diameter: 2"
Length:	10'	Total Depth:	15.0' Boring / 25.0' Well
Depth to Water:	10.08'		

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample Interval	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks
					0				
		-----			1		Augered	Asphalt	0 - 0.5' Asphalt
		-----						RoadBase	0.5 - 1.0' Gravel Roadbase, Loose, Dry
		ND			2				
		ND							1.0 - 4.7' Brown Clay, Trace Silt, Medium-Stiff, Moist, No Odor
		ND			3				
	Moist	ND	None				45"	CL	
		ND			4				
		ND							
		ND			5				
		ND		5-6'					5.0 - 6.0' Same As Above
		ND			6				
		ND			7				6.0 - 10.0' Brown Silt, Trace Clay, Medium-Stiff, Dry, Friable, No Odor
		ND							
	Dry	ND	None		8		60"	ML	
		ND							
		ND			9				
		ND							
		ND			10				10.0 - 10.5' Same As Above
		ND			11				10.5 - 12.5' Brown Fine Sand, Trace Silt & Clay, Slightly Moist, Medium-Dense, No Odor
		ND							
	Slightly Moist	ND	None	11-12'	12		30"	SP	
		ND							
		ND			13				12.5 - 15.0' Brown Fine Sand, Trace Silt & Clay, Dense, Dry, No Odor
		ND							*Iron Staining in Horizontal Bands at 13', 14', and 14.5'
	Dry	ND	None		14		30"		
		ND							
		ND		14-15'	15				
					16				**Direct-Push Drilling Refusal at 15' BGS**
					17				**Installed Well Using 4" O.D. Solid-Stem Augers**
					18				***Observed Clay/Weathered Claystone on Augers**
					19				**from 15-25' BGS**
					20				
					21				
					22				
					23				
					24				
					25				

Not Applicable - Direct Push

Well Completion Diagram: Flushmount

TD = 25' BGS

= 10-20 Silica Sand Pack

= Well Screen

= Hydrated Granular Bentonite

BGS = Below Ground Surface

ND = Not Detected

NM = Not Measured

TD = Total Depth

Well Location Sketch:

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BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number:	MW-20	Project:	Thornton Shopping Center
Date:	7/6/2011	Project #	033711001
Logged By:	John Brown	Drilled By:	Alpine Field Services
Elevation: NM	Detector: MiniRAE-Lite (10.6)	Drilling Method:	4" Dia. Solid Stem Auger
Sampling Method:	5' Length MacroCore (DP)		
Gravel Pack:	10-20 Silica Sand / 13-25' BGS	Seal:	Granular Bentonite
Grout:	Granular Bentonite		
Casing Type:	Sch. 40 PVC	Diameter: 2"	Length: 14.5'
Hole Diameter:	4"		
Screen Type:	Sch. 40 PVC	Slot: 0.010"	Diameter: 2"
Length:	10'	Total Depth:	20.0' Boring / 25.0' Well
Depth to Water:	9.29'		

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample Interval	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks
					0				
		-----			1		Augered	Asphalt	0 - 0.5' Asphalt
		-----						RoadBase	0.5 - 1.0' Gravel Roadbase, Loose, Dry
		ND			2				1.0 - 4.0' Brown Clay, Trace Silt, Medium-Stiff, Moist, No Odor
		ND							
		ND	None		3		47"		
		ND							
		ND			4				
		ND							
	Moist	ND			5				
		ND						CL	5.0 - 10.0' Same As Above, Trace Fine Gravel at Tip, No Odor
		ND			6				
		ND		6-7'					
		ND	None		7		60"		
		ND							
		ND			8				
		ND							
		ND			9				
		ND							
		ND			10				
		ND							10.0 - 15.0' Brown to Orange-Brown Weathered Claystone, Medium-Stiff, Dry, Friable
		ND			11				
		ND							
		ND			12				
	Dry	0.6	None	12-13'			60"	WCS	
		0.6			13				
		ND							
		ND			14				
		ND							
		ND			15				
		ND							15.0 - 19.3' Brown to Orange Brown Weathered Claystone, Trace Very Fine Sand, Very Stiff, Slightly Moist, Friable
		ND			16				
		ND							
		ND			17				
		ND	None				60"		
		ND			18				
		ND							
	Slightly Moist	ND		18.8-19.3'	19				
		ND							
		ND			20				19.3 - 20.0' Medium-Brown Claystone, Slightly Moist, Indurated (Hard / Unweathered)

		---			21				20.0 - 23.0' *Sample Stuck in Core Barrel
		---	None				0"	CLS	Appears to Be Indurated / Unweathered Claystone
		---			22				

		---			23				
					24				**Direct-Push Drilling Refusal at 23' BGS**
					25				**Installed Well Using 4" O.D. Solid-Stem Augers**

Not Applicable - Direct Push

Well Completion Diagram: Flushmount

TD = 25' BGS

= 10-20 Silica Sand Pack

= Well Screen

= Hydrated Granular Bentonite

BGS = Below Ground Surface

ND = Not Detected

NM = Not Measured

TD = Total Depth

Well Location Sketch:

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BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number:	MW-21	Project:	Thornton Shopping Center
Date:	7/28/2011	Project #	033711001
Logged By:	John Brown	Drilled By:	Alpine Field Services
Elevation: NM	Detector: MiniRAE-Lite (10.6)	Drilling Method:	4" Dia. Solid Stem Auger
		Sampling Method:	5' Length MacroCore (DP)
Gravel Pack:	10-20 Silica Sand / 6-23' BGS	Seal:	Granular Bentonite
		Grout:	Granular Bentonite
Casing Type:	Sch. 40 PVC	Diameter: 2"	Length: 7.5'
		Hole Diameter:	4"
Screen Type:	Sch. 40 PVC	Slot: 0.010"	Diameter: 2" Length: 15'
		Total Depth:	22.5' Boring / 23.0' Well
		Depth to Water:	Dry

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample Interval	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks
					0				Flushmount
Not Applicable - Direct Push	Dry	-----	None		1		Augered	Asphalt	0 - 0.6' Asphalt
		-----						RoadBase	0.6 - 1.0' Gravel Roadbase, Loose, Dry
		ND			2				1.0 - 5.0' Brown Silty-Clay, Soft to Medium-Stiff, Slightly Moist
		1.6			3		47"		
		ND			4				
		ND			5				
	Slightly Moist	ND	None		6		60"	CL	5.0 - 9.5' Same As Above, Soft, Slightly Moist
		ND			7				
		ND			8				
		ND		8-9'	9				
		ND			10				9.5 - 10.0' Brown Weathered Claystone, Stiff But Friable, Dry
		ND			11				10.0 - 14.4' Same As Above, Stiff But Friable, Dry
		ND			12		60"		
		ND	None		13				
		ND			14				
		ND			15				14.4 - 15.0' Brown Weathered Claystone, Very Stiff, Dry (Mineralized)
		ND			16		30"	WCS	15.0 - 17.5' Brown Weathered Claystone, Stiff But Friable, Dry
	Dry	ND	None		17				
		ND			18		30"		17.5 - 20.0' Same As Above, 3" Thick Sandy Lense at 18' BGS
		ND	None		19				
		ND			20				
		ND			21		30"		20.0 - 22.0' Same As Above
		ND	None		22				
		ND			23			CLS	22.0 - 22.5' Brown Claystone, Competant & Unweathered, Dry

Bottom of Boring at 22.5' BGS

TD = 23' BGS

= 10-20 Silica Sand Pack

= Well Screen

= Hydrated Granular Bentonite

BGS = Below Ground Surface

ND = Not Detected

NM = Not Measured

TD = Total Depth

Remediation Risk Reduction, LLC	LOG OF BORING __SB-22_____	Page _1_ of _1__

Northwest corner of Advance Auto Parts property.

Boring Location Sketch

R^3 Project No.:	Thorn-001	Date:	5/21/2018
Client:	Thornton, LLC		
Location:	Thornton Shopping Center, Thornton, CO		
Drilling Method:	4" Hollow Stem Auger		
Drilling Company:	Dakota Drilling		
Logged by:	JHO	Casing Elev.:	Not Meas.

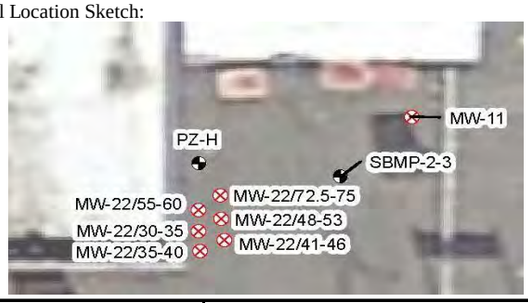
Blow Count per 6"	PID Values	Depth (feet)	Sample Interval	Graphic Log	Soil Class.	Soils Description
	0.0					Landscaping mulch and topsoil
3,4			*		CL	Clay, brown, with trace silt, soft, dry, no odor
4,3	0.0					
5,5		5				aa
6,4	0.0					
3,5			*		CL	CLAY, gray, with trace silty sand, stiff, dry, no odor
6,8	0.0					
7,8						aa
18,18	0.0	10			CL	CLAYSTONE, light brown to orange, weathered with some fine sand, medium, dry, no odor
	0.0					aa
	0.0				CL	CLAYSTONE, light brown to orange, weathered, stiff, dry, no odor
	0.2	15	*			aa
	0.0				CL	CLAYSTONE, light gray, weathered with trace fine sand, hard, dry, no odor
	0.0		*			aa
		20			CL	CLAYSTONE, light brown to brown, weathered with some fine sand, medium, dry, no odor
	0.0				CL	
	0.0		*		CL	
	0.0	25				
		30				Samples for laboratory analysis
						SB22 (4', 8', 16, 19', 25') (soil)*
						MW-22
						TD - 25'

Well Diagram: 1 = 2" Sch. 40 PVC; 2 = 2" Sch. 40 PVC Screen - 0.010 Slot

LEGEND
1 2" Sch. 40 PVC
2 2" Sch. 40 PVC Screen - 0.010 Slot

Depth to Water	Date/Time	Depth to Water	Date/Time
23.70	5/22/18 12:50		

Well Location Sketch:



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BORING LOG/MONITORING WELL COMPLETION DIAGRAM

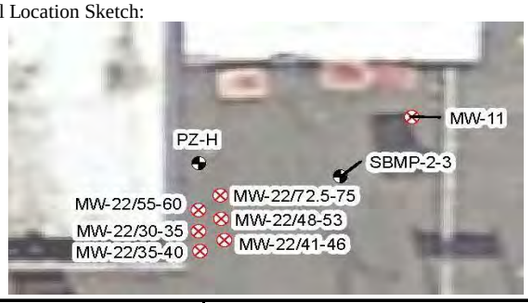
Boring/Well Number:	**MW-22 / 30-35'**	Project:	**Thornton Shopping Center**
Date:	**10/13/2016**	Project #	**057714002**
Logged By:	**Brandon Finn**	Drilled By:	**Dakota Drilling**
Elevation:	**NM**	Detector: **MiniRAE-3000**	
Drilling Method:	**4" Auger**	Sampling Method:	**2" Dia. Split Spoon**
Gravel Pack:	**10-20 Silica Sand (29-35')**	Seal:	**Hydrated Granular Bentonite**
Grout:	**Cement - Bentonite Grout**		
Casing Type:	**Sch. 40 PVC**	Diameter: **2"** Length: **30'**	Hole Diameter: **5.5"** Depth to Liquid: NM
Screen Type:	**Sch. 40 PVC** Slot: **0.010"**	Diameter: **2"** Length: **5'**	Total Depth: **35'** Depth to Water: NM

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample Interval	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion Diagram
					0					J-Plug & Flushmount
					5				**SEE SOIL BORING LOG FOR MW-22 / 72.5-75' FOR LITHOLOGY AND ADDITIONAL INFORMATION**	
					10					
					15					
					20					
					25					
					30					
					35					TD = 35' BGS
					40					
					45					
					50					
					55					
					60					
					65					
					70					
					75					

= 10-20 Sand Pack
= Well Screen
= Hydrated Granular Bentonite Seal
= Cement - Bentonite Grout

BGS = Below Ground Surface
ND = Not Detected
NM = Not Measured
TD = Total Depth

Well Location Sketch:



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BORING LOG/MONITORING WELL COMPLETION DIAGRAM

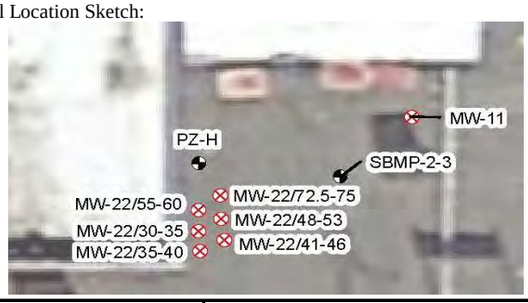
Boring/Well Number:	**MW-22 / 35-40'**	Project:	**Thornton Shopping Center**
Date:	**10/13/2016**	Project #	**057714002**
Logged By:	**Brandon Finn**	Drilled By:	**Dakota Drilling**
Elevation:	**NM**	Detector: **MiniRAE-3000**	
Drilling Method:	**4" Auger**	Sampling Method:	**2" Dia. Split Spoon**
Gravel Pack:	**10-20 Silica Sand (34-40')**	Seal:	**Hydrated Granular Bentonite**
Grout:	**Cement - Bentonite Grout**		
Casing Type:	**Sch. 40 PVC**	Diameter: **2"** Length: **35'**	Hole Diameter: **5.5"**
Depth to Liquid:	NM		
Screen Type:	**Sch. 40 PVC** Slot: **0.010"**	Diameter: **2"** Length: **5'**	Total Depth: **40'**
Depth to Water:	NM		

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample Interval	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion Diagram
					0					J-Plug & Flushmount
					5				**SEE SOIL BORING LOG FOR MW-22 / 72.5-75' FOR LITHOLOGY AND ADDITIONAL INFORMATION**	
					10					
					15					
					20					
					25					
					30					
					35					
					40					TD = 40' BGS
					45					
					50					
					55					
					60					
					65					
					70					
					75					

= 10-20 Sand Pack
= Well Screen
= Hydrated Granular Bentonite Seal
= Cement - Bentonite Grout

BGS = Below Ground Surface
ND = Not Detected
NM = Not Measured
TD = Total Depth

Well Location Sketch:



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BORING LOG/MONITORING WELL COMPLETION DIAGRAM

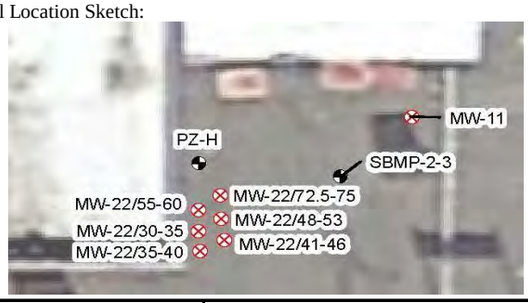
Boring/Well Number:	**MW-22 / 41-46'**	Project:	**Thornton Shopping Center**
Date:	**10/13/2016**	Project #	**057714002**
Logged By:	**Brandon Finn**	Drilled By:	**Dakota Drilling**
Elevation:	**NM**	Detector: **MiniRAE-3000**	
Drilling Method:	**4" Auger**	Sampling Method:	**2" Dia. Split Spoon**
Gravel Pack:	**10-20 Silica Sand (40-46')**	Seal:	**Hydrated Granular Bentonite**
Grout:	**Cement - Bentonite Grout**		
Casing Type:	**Sch. 40 PVC**	Diameter: **2"** Length: **41**	Hole Diameter: **5.5"** Depth to Liquid: NM
Screen Type:	**Sch. 40 PVC** Slot: **0.010"**	Diameter: **2"** Length: **5'**	Total Depth: **46'** Depth to Water: NM

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample Interval	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion Diagram
					0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75				**SEE SOIL BORING LOG FOR MW-22 / 72.5-75' FOR LITHOLOGY AND ADDITIONAL INFORMATION**	J-Plug & Flushmount; TD = 46' BGS

= 10-20 Sand Pack
= Well Screen
= Hydrated Granular Bentonite Seal
= Cement - Bentonite Grout

BGS = Below Ground Surface
ND = Not Detected
NM = Not Measured
TD = Total Depth

Well Location Sketch:



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BORING LOG/MONITORING WELL COMPLETION DIAGRAM

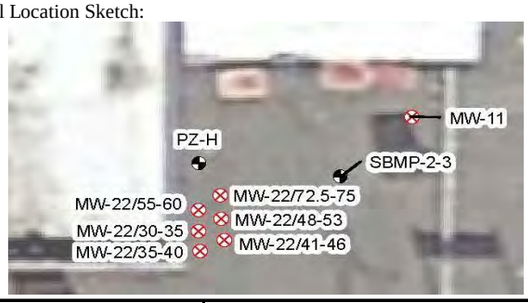
Boring/Well Number:	**MW-22 / 48-53'**	Project:	**Thornton Shopping Center**
Date:	**10/14/2016**	Project #	**057714002**
Logged By:	**Jeremy Pike**	Drilled By:	**Dakota Drilling**
Elevation:	**NM**	Detector: **MiniRAE-3000**	
Drilling Method:	**4" Auger**	Sampling Method:	**2" Dia. Split Spoon**
Gravel Pack:	**10-20 Silica Sand (47-53')**	Seal: **Hydrated Granular Bentonite**	Grout: **Cement - Bentonite Grout**
Casing Type:	**Sch. 40 PVC**	Diameter: **2"** Length: **48**	Hole Diameter: **5.5"** Depth to Liquid: NM
Screen Type:	**Sch. 40 PVC** Slot: **0.010"**	Diameter: **2"** Length: **5'**	Total Depth: **53'** Depth to Water: NM

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample Interval	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion Diagram
					0 5 10 15 20 25 30 35 40 45 50 55 60 65 70 75				**SEE SOIL BORING LOG FOR MW-22 / 72.5-75' FOR LITHOLOGY AND ADDITIONAL INFORMATION**	J-Plug & Flushmount; TD = 53' BGS

= 10-20 Sand Pack
= Well Screen
= Hydrated Granular Bentonite Seal
= Cement - Bentonite Grout

BGS = Below Ground Surface
ND = Not Detected
NM = Not Measured
TD = Total Depth

Well Location Sketch:



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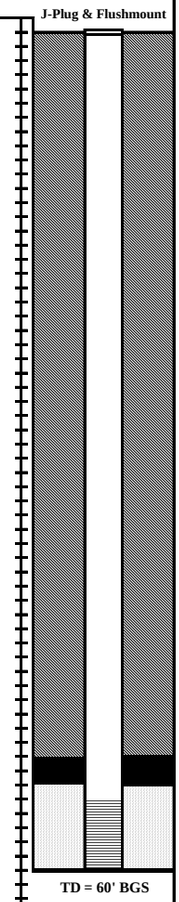
BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number:	**MW-22 / 55-60'**	Project:	**Thornton Shopping Center**
Date:	**10/18/2016**	Project #	**057714002**
Logged By:	**John Brown**	Drilled By:	**Dakota Drilling**
Elevation:	**NM**	Detector: **MiniRAE-3000**	
Drilling Method:	**4" Auger**	Sampling Method:	**2" Dia. Split Spoon**
Gravel Pack:	**10-20 Silica Sand (54-60')**	Seal: **Hydrated Granular Bentonite**	Grout: **Cement - Bentonite Grout**
Casing Type:	**Sch. 40 PVC**	Diameter: **2"** Length: **55'**	Hole Diameter: **5.5"** Depth to Liquid: NM
Screen Type:	**Sch. 40 PVC** Slot: **0.010"**	Diameter: **2"** Length: **5'**	Total Depth: **60'** Depth to Water: NM

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample Interval	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion Diagram

0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75

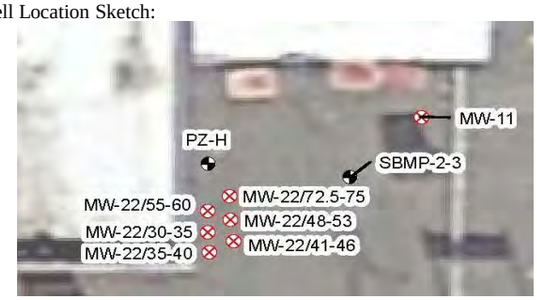
SEE SOIL BORING LOG FOR MW-22 / 72.5-75' FOR LITHOLOGY AND ADDITIONAL INFORMATION



= 10-20 Sand Pack
= Well Screen
= Hydrated Granular Bentonite Seal
= Cement - Bentonite Grout

BGS = Below Ground Surface
ND = Not Detected
NM = Not Measured
TD = Total Depth

Well Location Sketch:



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LT Environmental, Inc.
4600 W. 60th Avenue
Arvada, Colorado 80003

BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number:	**MW-22 / 72.5-75'**	Project:	**Thornton Shopping Center**
Date:	**10/21/2016 to 10/26/2016**	Project #	**057714002**
Logged By:	**J. Brown & J. Pike**	Drilled By:	**Dakota Drilling**
Elevation: **NM**	Detector: **MiniRAE-3000**	Drilling Method:	**8" ID Hollow Stem / 5" Air-Hammer Bit**
		Sampling Method:	**2" Dia. Split Spoon**
Gravel Pack:	**10-20 Silica Sand (71-75')**	Seal:	**Hydrated Granular Bentonite**
		Grout:	**Cement - Bentonite Grout**
Casing Type: **Sch. 40 PVC**	***6" Outer Casing Grouted in 10" hole to 60' BGS**	Diameter: **6" / 2"** Length: **60' / 72.5'**	Hole Diameter: **10" OH / 5" IH** Depth to Liquid: NM
Screen Type: **Sch. 40 PVC**	Slot: **0.010"**	Diameter: **2"** Length: **2.5'**	Total Depth: **75'** Depth to Water: NM

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample Interval	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks
					0				
No Samples From Groundsurface to 25' BGS									**See Soil Boring Log for PZ-H For Shallow-Zone Lithology**
54/6"	Moist	6, 38, 12, 12	NO	25.5'	25		**11"**	**CLS**	25-26.5' Brown Claystone w/ Siltstone Interbeds, Weathered, Moist, Iron Oxide Staining Along Thin Lenses, Trace Sand, No Staining, No Odor
15,27,24	Dry	3, 18, 3, 0.4	NO	31'	30		**18"**	**SS**	30-31.5' Brown Siltstone, Dry, Dense, Horizontal Bands of Iron Staining Throughout, No Staining, No Odor
15, 27, 33	Dry	0.7, 0.2 0.1, 0.1	NO	36.5'	35		**18"**		35-36.5' Brown Siltstone, Dry, Dense, grading into fine brown sand at tip, No Staining, No Odor
18,20,28	Dry	ND, ND, ND, ND	NO	41'	40		**18"**	**CLS**	40-41.5' Brown Claystone, Dry, Dense, Unweathered (Competent), No Staining, No Odor
18,29,40	Dry	249, 213, 41, 27	NO	45.3'	45		**18"**		45-46.5' Brown Claystone, Dry, Dense, Unweathered (Competent), No Staining, No Odor
18,18,27	Dry	23, 37, 33, 10	NO	51.5'	50		**18"**		50-51.5' Brown-Dark Brown Sandy/Mineralized Claystone, Dry, V-Dense
				53'					Very Hard Drilling at 52' BGS - Likely CLS / SS Interface
50/4"	Moist	122, 58, 96	NO	55'	55		**10"**	**SS**	55-55.5' Orange-Brown F-M Grained Sandstone, Poorly Cemented, Friable, Dense, Moist, No Staining, No Odor
75/1"	Dry	0.1, 0.1	NO	60'	60		**6"**	**SS-CG**	60-60.1' Grayish-Blue F-M Grained Sandstone/Conglomerate, Very, Dense, Likely Low Permeability, Highly Cemented, No Staining, No Odor
Logged Lithology Only From Splitspoons 65-75' BGS				66.5'	65				65-65.5' Grayish-Blue Sandstone/Conglomerate
				68.5'					68-68.5' Grayish-Blue Sandstone/Conglomerate
				73'	70				73-73.5' Grayish-Blue Sandstone/Conglomerate
					75				

J-Plug & Flushmount

2" Diameter Inner PVC Casing

TD = 75' BGS

= 10-20 Sand Pack

= Well Screen

= Hydrated Granular Bentonite Seal

= Cement - Bentonite Grout

BGS = Below Ground Surface

ND = Not Detected

NM = Not Measured

TD = Total Depth

Remediation Risk Reduction, LLC

LOG OF BORING __SB-23_____

Page _1_ of _1__

In the northern portion of the Togethor Liquors property.

Boring Location Sketch

R^3 Project No.:	Thorn-001	Date:	5/21/2018
Client:	Thornton, LLC		
Location:	Thornton Shopping Center, Thornton, CO		
Drilling Method:	4" Hollow Stem Auger		
Drilling Company:	Dakota Drilling		
Logged by:	JHO	Casing Elev.:	Not Meas.

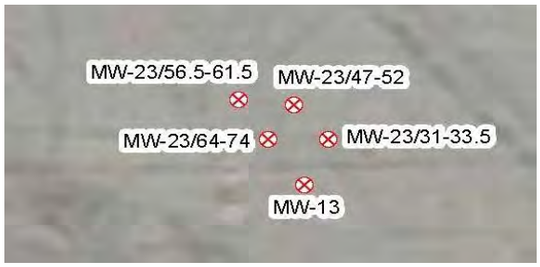
Blow Count per 6"	PID Values	Depth (feet)	Soil Class.	Soils Description
				6" Asphalt
5,5	0.0		CL	Clay, brown, with some silt, medium stiff, dry, no odor
6,9				
4,6	0.0		CL	Clay, brown, with trace silt, medium stiff, dry, no odor
6,7		5		
5,6	0.0		CL	Clay, brown, stiff, dry, no odor
11, 10				
6,7	0.0		CL	CLAY, light brown, medium, dry, no odor
7,11				
	0.0			No Recovery
		10	CL	CLAY, brown, with trace silt, medium, dry, no odor
	0.0			
				aa
	0.0			
				aa
	0.0	15		
			CS	CLAYSTONE, brown to orange, weathered with some fine sand, medium, moist, no odor
	0.0			
				aa
	0.0	20		
			CS	CLAYSTONE, brown, weathered with fine sand, medium, dry, no odor
	0.0		CS	CLAYSTONE, brown, slightly weathered with trace fine sand, medium, dry, no odor
	0.0			
		25	CS	aa
		30		
				Samples for laboratory analysis
				SB23 (5', 8', 14, 19', 25') (soil)*
				MW-23
				TD - 25'

Well Diagram: 1 (2" Sch. 40 PVC); 2 (2" Sch. 40 PVC Screen - 0.010 Slot)

LEGEND
1 2" Sch. 40 PVC
2 2" Sch. 40 PVC Screen - 0.010 Slot

Depth to Water	Date/Time	Depth to Water	Date/Time
__11.35_____	__5/23/18 09:50_____	_____	_____

Well Location Sketch:



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4600 W. 60th Avenue
Arvada, Colorado 80003

BORING LOG/MONITORING WELL COMPLETION DIAGRAM

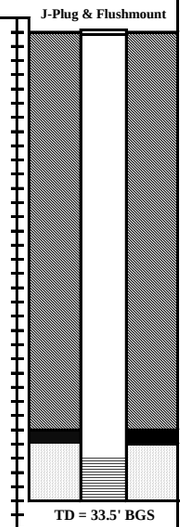
Boring/Well Number:	**MW-23 / 31-33.5'**	Project:	**Thornton Shopping Center**
Date:	**10/14/2016**	Project #	**057714002**
Logged By:	**Jeremy Pike**	Drilled By:	**Dakota Drilling**
Elevation: **NM**	Detector: **MiniRAE-3000**	Drilling Method:	**4" Auger**
		Sampling Method:	**2" Dia. Split Spoon**
Gravel Pack:	**10-20 Silica Sand (30-33.5')**	Seal:	**Hydrated Granular Bentonite**
		Grout:	**Cement - Bentonite Grout**

Casing Type:	**Sch. 40 PVC**	Diameter:	**2"**	Length:	**31'**	Hole Diameter: **5.5"**	Depth to Liquid: NM
Screen Type:	**Sch. 40 PVC** Slot: **0.010"**	Diameter:	**2"**	Length:	**2.5'**	Total Depth: **33.5'**	Depth to Water: NM

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample Interval	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion Diagram

0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75

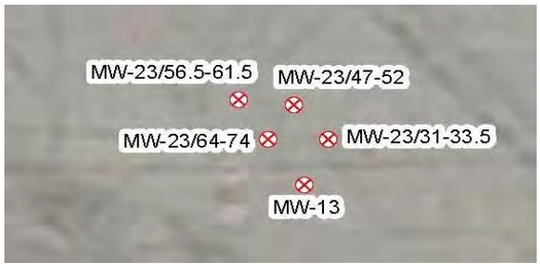
SEE SOIL BORING LOG FOR MW-23 / 64-74' FOR LITHOLOGY AND ADDITIONAL INFORMATION



= 10-20 Sand Pack
= Well Screen
= Hydrated Granular Bentonite Seal
= Cement - Bentonite Grout

BGS = Below Ground Surface
ND = Not Detected
NM = Not Measured
TD = Total Depth

Well Location Sketch:



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BORING LOG/MONITORING WELL COMPLETION DIAGRAM

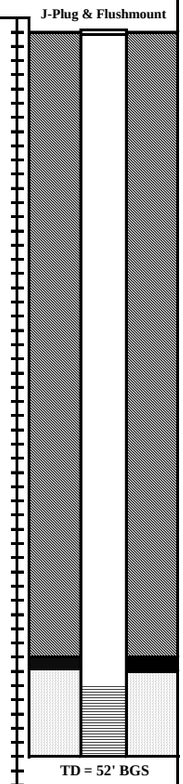
Boring/Well Number:	**MW-23 / 47-52'**	Project:	**Thornton Shopping Center**
Date:	**10/26/2016**	Project #	**057714002**
Logged By:	**Brandon Finn**	Drilled By:	**Dakota Drilling**
Elevation: **NM**	Detector: **MiniRAE-3000**	Drilling Method:	**4" Auger**
		Sampling Method:	**2" Dia. Split Spoon**
Gravel Pack:	**10-20 Silica Sand (46-52')**	Seal:	**Hydrated Granular Bentonite**
		Grout:	**Cement - Bentonite Grout**

Casing Type: **Sch. 40 PVC**	Diameter: **2"**	Length: **47'**	Hole Diameter: **5.5"**	Depth to Liquid: NM
Screen Type: **Sch. 40 PVC**	Slot: **0.010"**	Diameter: **2"**	Length: **5'**	Total Depth: **52'**	Depth to Water: NM

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample Interval	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion Diagram

0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75

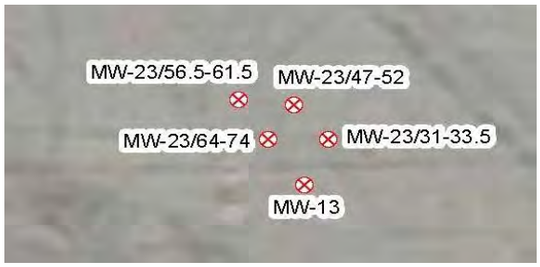
SEE SOIL BORING LOG FOR MW-23 / 64-74' FOR LITHOLOGY AND ADDITIONAL INFORMATION



= 10-20 Sand Pack
= Well Screen
= Hydrated Granular Bentonite Seal
= Cement - Bentonite Grout

BGS = Below Ground Surface
ND = Not Detected
NM = Not Measured
TD = Total Depth

Well Location Sketch:



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BORING LOG/MONITORING WELL COMPLETION DIAGRAM

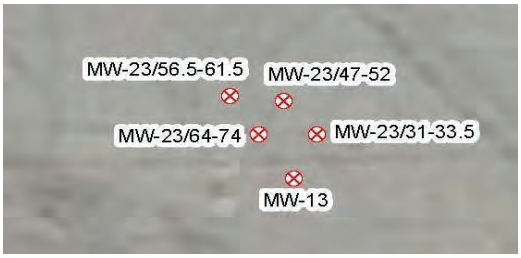
Boring/Well Number:	MW-23 / 56.5-61.5'	Project:	Thornton Shopping Center
Date:	10/26/2016	Project #	057714002
Logged By:	Brandon Finn	Drilled By:	Dakota Drilling
Elevation: NM	Detector: MiniRAE-3000	Drilling Method:	4" Auger
		Sampling Method:	2" Dia. Split Spoon
Gravel Pack:	10-20 Silica Sand (55.5-61.5')	Seal:	Hydrated Granular Bentonite
		Grout:	Cement - Bentonite Grout
Casing Type:	Sch. 40 PVC	Diameter: 2"	Length: 56.5'
		Hole Diameter:	5.5"
		Depth to Liquid:	NM
Screen Type:	Sch. 40 PVC	Slot: 0.010"	Diameter: 2" Length: 5'
		Total Depth:	61.5'
		Depth to Water:	NM

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample Interval	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion Diagram
					0					J-Plug & Flushmount
					5				**SEE SOIL BORING LOG FOR MW-23 / 64-74' FOR LITHOLOGY AND ADDITIONAL INFORMATION**	
					10					
					15					
					20					
					25					
					30					
					35					
					40					
					45					
					50					
					55					
					60					
					65					
					70					
					75					TD = 61.5' BGS

= 10-20 Sand Pack
= Well Screen
= Hydrated Granular Bentonite Seal
= Cement - Bentonite Grout

BGS = Below Ground Surface
ND = Not Detected
NM = Not Measured
TD = Total Depth

Well Location Sketch:



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LT Environmental, Inc.
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Arvada, Colorado 80003

BORING LOG/MONITORING WELL COMPLETION DIAGRAM

Boring/Well Number:	**MW-23 / 64-74'**	Project:	**Thornton Shopping Center**
Date:	**10/18/2016**	Project #	**057714002**
Logged By:	**Brandon Finn**	Drilled By:	**Dakota Drilling**
Elevation: **NM**	Detector: **MiniRAE-3000**	Drilling Method:	**4" Auger**
		Sampling Method:	**2" Dia. Split Spoon**
Gravel Pack:	**10-20 Silica Sand (62-74')**	Seal:	**Hydrated Granular Bentonite**
		Grout:	**Cement - Bentonite Grout**
Casing Type: **Sch. 40 PVC**	Diameter: **2"** Length: **64'**	Hole Diameter:	**5.5"**
		Depth to Liquid:	NM
Screen Type: **Sch. 40 PVC** Slot: **0.010"**	Diameter: **2"** Length: **10'**	Total Depth:	**74'**
		Depth to Water:	NM

Penetration Resistance	Moisture Content	Vapor (ppm)	Staining	Sample Interval	Depth (ft. bgs.)	Sample Run	Recovery	Soil/Rock Type	Lithology/Remarks	Well Completion Diagram
					0					J-Plug & Flushmount
No Samples From Groundsurface to 30' BGS					5 10 15 20 25				**See Soil Boring Log for SBMP-25 For Shallow-Zone Lithology**	
Not Recorded	Wet	0.2	NO	30' – 31-33.5'	30		**Not Recorded**	**CL**	30-40' Brown Clay, Medium-Stiff, Slightly Plastic, Cohesive, No Staining, No Odor	
	Wet	0.1	NO	35-40'	35					
	Wet	0.1	NO	41-46'	40			**CLS**	40-74' Brown to Dark Brown Claystone, Dense but Friable, No Staining, No Odor	
	Wet	0.0	NO		45					
	Moist	0.0	NO	47-52'	50					
	Moist	0.0	NO		55					
	Moist	0.0	NO		60					
	Dry	0.0	NO		65					
	Dry	0.0	NO		70 75					TD = 74' BGS

= 10-20 Sand Pack
= Well Screen
= Hydrated Granular Bentonite Seal
= Cement - Bentonite Grout

BGS = Below Ground Surface
ND = Not Detected
NM = Not Measured
TD = Total Depth

Remediation Risk Reduction, LLC

LOG OF BORING SB-24

In the northern portion of the condominium property.

Boring Location Sketch

R^3 Project No.:	Thorn-001	Date:	5/21/2018
Client:	Thornton, LLC		
Location:	Thornton Shopping Center, Thornton, CO		
Drilling Method:	4" Hollow Stem Auger		
Drilling Company:	Dakota Drilling		
Logged by:	JHO	Casing Elev.:	Not Meas.

Blow Count per 6"	PID Values	Depth (feet)	Sample Interval	Graphic Log	Soil Class.	Soils Description
						6" Asphalt
4,4					CL	Clay, brown, with some silt, medium, moist, no odor
6,8	0.0		*			
4,6		5				aa
8,12	0.0					
4,6					CL	Clay, light brown, with trace silt, medium stiff, dry, no odor
10,10	0.2		*			
4,8						No Recovery
18,24		10			CL	6"-CLAY, light brown, with few fine to medium grained sand,
	0.0				SM	medium, dry, no odor. SAND, brown, fine to medium
					CL	grained, loose, dry, no odor
	0.0					CLAYSTONE, brown, weathered with some fine grained
		15				grained sand, medium, dry, no odor
	3.0		*			aa
					CS	CLAYSTONE, brown, less weathered with some
	0.2					fine sand, stiff, dry, no odor
						aa
	0.8		*			
		20			CS	CLAYSTONE, brown to orange-brown, weathered with
	0.2					some fine sand, medium, moist, no odor
					CS	CLAYSTONE, brown to orange-brown, slightly
	0.3		*			weathered with trace fine sand, medium, dry, no odor
	0.0		*		CS	CLAYSTONE, brown, indurated, hard, dry, no odor
		25				
						Samples for laboratory analysis
						SB24 (4', 8', 16, 20', 24') (soil)*
						MW-24
		30				TD - 25'

Well Diagram: 1 = 2" Sch. 40 PVC; 2 = 2" Sch. 40 PVC Screen - 0.010 Slot

Depth to Water	Date/Time	Depth to Water	Date/Time
11.34	5/23/18 09:40		

Remediation Risk Reduction, LLC

LOG OF BORING SB-25

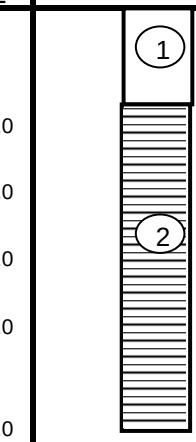
Page 1 of 1

In the grassed area west of the 8760 building on the condominium property.

Boring Location Sketch

R^3 Project No.:	Thorn-001 Date: 5/21/2018
Client:	Thornton, LLC
Location:	Thornton Shopping Center, Thornton, CO
Drilling Method:	4" Hollow Stem Auger
Drilling Company:	Dakota Drilling
Logged by:	JHO Casing Elev.: Not Meas.

Blow Count per 6"	PID Values	Depth (feet)	Soil Class.	Soils Description
3,6			CL	2" grass, CLAY, grayish-brown, with some silt, medium, dry, no odor
9,11	0.0		CL	aa
3,7		5	CL	CLAY, brown, with trace silt, soft, dry, no odor
4,14	0.0		CL	CLAYSTONE, brown, weathered with some fine sand,
25,45				soft, dry, no odor
50	0.0		CL	aa
46				
50	0.0	10	CL	
			SM	11.5'- SANDSTONE, brown to gray-brown, hard, dry,
	0.0			no odor
				Refusal at 13; bgs
		15		
		20		
		25		
		30		Samples for laboratory analysis
				SB25 (5', 10', 13') (soil)*
				MW-25
				TD - 13'



Temporary Well
Total Depth - 13'

LEGEND
1 2" Sch. 40 PVC
2 2" Sch. 40 PVC Screen - 0.010 Slot

Depth to Water	Date/Time	Depth to Water	Date/Time
9.09	5/22/18 12:00		

BORING NUMBER MW-26

LOGO

RETTEW

CLIENT Flywheel Capitol
PROJECT NAME 88th and Washington
PROJECT NUMBER 114132001
PROJECT LOCATION 88th and Washington, Thorton, Colorado
DATE STARTED 3/8/19 **COMPLETED** 3/8/19
GROUND ELEVATION _____ **HOLE SIZE** 4 inches
DRILLING CONTRACTOR Dakota Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger 4'
AT TIME OF DRILLING ---
LOGGED BY Daniel Simpson **CHECKED BY** Trey Hedrick
AT END OF DRILLING ---
NOTES
AFTER DRILLING 20.45 ft With IP

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0					(SM) 85 % sand, 15 % fines, poorly graded, fine grained, moist, medium plasticity, no odor Brown	Casing Type: PVC Asphalt
			PID = 0		(SM) 80 % sand, 20 % fines, poorly graded, fine grained, moist, medium plasticity, no odor	
10			PID = 0.5		(SM) 80 % sand, 20 % fines, poorly graded, medium to coarse grained, dry, high plasticity	
					13.0 (SP) moist Light brown	
			PID = 0.9		(SP) 100 % sand, poorly graded, fine grained, dry, low plasticity, no odor Light brown	
					18.0 (SW) 5 % gravel, 90 % sand, 5 % fines, well graded, fine grained, dry, low plasticity, no odor Light brown	
20			PID = 2		21.0 (SW) 90 % sand, 10 % fines, well graded, fine grained, wet, medium plasticity, no odor Light brown	Bentonite Seal
					(SM) 60 % sand, 40 % fines, well graded, fine to medium grained, dry, low plasticity, no odor Brown	
			PID = 2.6		(SP) 90 % sand, 10 % fines, poorly graded, fine to medium grained, dry, medium plasticity, no odor Light brown	
					27.0 (SP) 90 % sand, 10 % fines, poorly graded, fine grained, moist, medium plasticity, no odor Light brown	
30			PID = 0.5		(SW) 80 % sand, 20 % fines, well graded, fine grained, moist, low plasticity, no odor Brown	
					(SW) 80 % sand, 20 % fines, well graded, fine grained, dry, low plasticity, no odor Brown	
			PID = 0.4		(SP) 85 % sand, 15 % fines, poorly graded, fine grained, dry, low plasticity, no odor Light brown	
					(SM) 80 % sand, 20 % fines, poorly graded, fine grained, dry, low plasticity, no odor Light brown	
40			PID = 0.4		(SM)	
			PID = 0.5			
50						Sand Pack Screened Interval
			PID = 0.6		51.0 (SM) moist	
					(SM) 80 % sand, 20 % fines, poorly graded, fine grained, dry, high plasticity, no odor Light brown	
			PID = 0		55.0	

Bottom of borehole at 55.0 feet.

ENVIRONMENTAL BH - GINT STD US LAB.GDT - 4/12/19 10:34 - \\EGNYTEDRIVE\RETTEW\SHARED\PROJECTS\114131\114132001\GE\DATA\BORE LOGS\2019_03-28 DAKOTA DRILLING\88TH AND WASHINGTON LOGS.GPJ

LOGO RETTEW

BORING NUMBER MW-27

CLIENT Flywheel Capitol
PROJECT NAME 88th and Washington
PROJECT NUMBER 114132001
PROJECT LOCATION 88th and Washington, Thorton, Colorado
DATE STARTED 3/29/19 **COMPLETED** 3/29/19
GROUND ELEVATION _____ **HOLE SIZE** 8 1/8 inches
DRILLING CONTRACTOR Dakota Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger 8' 1/8
AT TIME OF DRILLING ---
LOGGED BY Trey Hedrick **CHECKED BY** _____
AT END OF DRILLING ---
NOTES 4411952.67N, 502018.6E
AFTER DRILLING 11.05 ft

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0						Casing Type: PVC
					1.0 (SM) 90 % sand, 10 % fines, brown, poorly graded, fine grained, dry, loose, no odor Cuttings	
	AU				(SM) 90 % sand, 10 % fines, dense	
5		25	PID = 0.1		5.0 (SP) 95 % sand, 5 % fines, brown grayish, poorly graded, fine grained, dry, loose, no odor	Bentonite Seal 8-1
10			PID = 0.1		(SP) 95 % sand, 5 % fines, brown, poorly graded, fine grained, dry, loose, no odor	
15			PID = 0		15.0 (SM) 90 % sand, 10 % fines, brown grayish, poorly graded, fine grained, moist, loose, no odor	Sand Filler 25-8 Screened interval 25-10
20			PID = 0.3		20.0 (SP) 95 % sand, 5 % fines, brown grayish, poorly graded, fine grained, dry, dense, no odor	
			PID = 0			
25					25.0	

Bottom of borehole at 25.0 feet.

ENVIRONMENTAL BH - GINT STD US LAB.GDT - 4/12/19 10:38 - \\EGNYTEDRIVE\RETTEW\SHARED\PROJECTS\114131\114132001\GE\DATA\BORE LOGS\2019_03-28 DAKOTA DRILLING\88TH AND WASHINGTON LOGS.GPJ

LOGO

RETTEW

BORING NUMBER MW-28

CLIENT Flywheel Capitol
PROJECT NAME 88th and Washington
PROJECT NUMBER 114132001
PROJECT LOCATION 88th and Washington, Thorton, Colorado
DATE STARTED 3/28/19 **COMPLETED** 3/29/19
GROUND ELEVATION _____ **HOLE SIZE** 8 1/8 inches
DRILLING CONTRACTOR Dakota Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger 8' 1/8
AT TIME OF DRILLING ---
LOGGED BY Trey Hedrick **CHECKED BY** _____
AT END OF DRILLING ---
NOTES 4411952.74N , 502259E
AFTER DRILLING 11.72 ft With IP

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0						Casing Type: PVC
					ASPHALT 1.0	
					SANDY SILT, Cuttings 3.0	
		50			(SP) 95 % sand, 5 % fines, brown, poorly graded, fine to medium grained, dry, medium dense, no odor 5.0	Bentonite Seal 8-1
5			PID = 0		(SW) 95 % sand, 5 % fines, brown, well graded, fine to coarse grained, dry, loose, no odor 10.0	
10			PID = 0		(SM) 90 % sand, 10 % fines, brown, poorly graded, fine grained, dry, loose, no odor 15.0	
15			PID = 0		(SP) 95 % sand, 5 % fines, brown, poorly graded, fine grained, dry, loose, no odor	Sand Filler 25-8 Screened interval 25-10
20			PID = 0		(SP) 95 % sand, 5 % fines, brown, poorly graded, fine to medium grained, wet, dense, no odor	
25			PID = 0.4		25.0	

Bottom of borehole at 25.0 feet.

ENVIRONMENTAL BH - GINT STD US LAB.GDT - 4/12/19 11:04 - \\EGNYTEDRIVE\RETTEW\SHARED\PROJECTS\114131\114132001\GE\DATA\BORE LOGS\2019_03-28 DAKOTA DRILLING\88TH AND WASHINGTON LOGS.GPJ

BORING NUMBER MW-29

LOGO RETTEW

CLIENT Flywheel Capitol
PROJECT NAME 88th and Washington
PROJECT NUMBER 114132001
PROJECT LOCATION 88th and Washington, Thorton, Colorado
DATE STARTED 3/29/19 **COMPLETED** 3/29/19
GROUND ELEVATION _____ **HOLE SIZE** 8 1/8 inches
DRILLING CONTRACTOR Dakota Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger 8' 1/8
AT TIME OF DRILLING ---
LOGGED BY Trey Hedrick **CHECKED BY** _____
AT END OF DRILLING ---
NOTES 4411708.58N, 502292.4E
AFTER DRILLING 8.34 ft

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0						Casing Type: PVC
					Dry	
					1.0	
					(SC) 90 % sand, 10 % fines, brown, poorly graded, fine grained, dry, dense, no odor	
		3			(SC) 90 % sand, 10 % fines, brown, poorly graded, fine grained, dry, medium dense, no odor	
		5				
5		5	PID = 0		5.0	Bentonite Seal 8-1
					(SM) 95 % sand, 5 % fines, brown grayish, poorly graded, fine to medium grained, dry, dense, no odor	
					▼	
10			PID = 0		10.0	
					(SP) 5 % gravel, 90 % sand, 5 % fines, brown grayish, well graded, fine to coarse grained, dry, loose, no odor	
			PID = 3.6		15.0	
15					Center Bit - No barrel	Sand Filler 25-8
						Screened interval 25-10
20					Center Bit - No barrel	
25					Bottom of borehole at 25.0 feet.	

ENVIRONMENTAL BH - GINT STD US LAB.GDT - 4/12/19 11:06 - \\EGNYTEDRIVE\RETTEW\SHARED\PROJECTS\114131\114132001\GE\DATA\BORE LOGS\2019_03-28 DAKOTA DRILLING\88TH AND WASHINGTON LOGS.GPJ

LOGO

RETTEW

BORING NUMBER MW-30

CLIENT Flywheel Capitol
PROJECT NAME 88th and Washington
PROJECT NUMBER 114132001
PROJECT LOCATION 88th and Washington, Thorton, Colorado
DATE STARTED 3/28/19 **COMPLETED** 3/28/19
GROUND ELEVATION _____ **HOLE SIZE** 8 1/8 inches
DRILLING CONTRACTOR Dakota Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger 8' 1/8
AT TIME OF DRILLING ---
LOGGED BY Trey Hedrick **CHECKED BY** _____
AT END OF DRILLING ---
NOTES 4411575.42N, 502369.5E
AFTER DRILLING 7.31 ft

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0						Casing Type: PVC
					ASPHALT 1.0	
					(SM) 90 % sand, 10 % fines, brown, poorly graded, fine to medium grained, dry, dense 3.0	
	AU	17			(SP) 95 % sand, 5 % fines, brown, poorly graded, fine to medium grained, dry, loose 5.0	
5			PID = 0.4		(SM) 90 % sand, 10 % fines, brown, poorly graded, fine to medium grained, dry, dense	Bentonite Seal 8-1
10			PID = 0.3		(SP) 95 % sand, 5 % fines, brown, poorly graded, fine grained, dry, dense 10.0	
15			PID = 0		(SP) 95 % sand, 5 % fines, light gray light brownish, poorly graded, fine grained, dry, dense	Sand Filler 25-8
						Screened interval 25-10
20			PID = 0.1		(SW) 95 % sand, 5 % fines, brown, well graded, medium to coarse grained, dry, loose 20.0	
25			PID = 0		25.0	

Bottom of borehole at 25.0 feet.

ENVIRONMENTAL BH - GINT STD US LAB.GDT - 4/12/19 11:10 - \\EGNYTEDRIVE\RETTEW\SHARED\PROJECTS\114131\114132001\GE\DATA\BORE LOGS\2019_03-28 DAKOTA DRILLING\88TH AND WASHINGTON LOGS.GPJ

LOGO

RETTEW

BORING NUMBER MW-31

CLIENT Flywheel Capitol
PROJECT NAME 88th and Washington
PROJECT NUMBER 114132001
PROJECT LOCATION 88th and Washington, Thorton, Colorado
DATE STARTED 3/28/19 **COMPLETED** 3/28/19
GROUND ELEVATION _____ **HOLE SIZE** 8 1/8 inches
DRILLING CONTRACTOR Dakota Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hollow Stem Auger 8' 1/8
AT TIME OF DRILLING ---
LOGGED BY Trey Hedrick **CHECKED BY** _____
AT END OF DRILLING ---
NOTES 4411464.47N, 502506.4E
AFTER DRILLING 8.45 ft

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0						Casing Type: PVC
					ASPHALT 1.0	
					3.0	
					(SP) 95 % sand, 5 % fines, brown, poorly graded, fine grained, dry, dense, no odor	
5		21	PID = 0.6		(SP) 95 % sand, 5 % fines, light brown, poorly graded, fine grained, dry, dense, no odor 6.0	Bentonite Seal 8-1
					(SM) 88 % sand, 12 % fines, brown, poorly graded, fine grained, dry, loose, no odor 7.0	
			PID = 0.6		(SP) 95 % sand, 5 % fines, brown, poorly graded, fine grained, dry, loose, no odor	
10					10.0	
					(SM) 88 % sand, 12 % fines, light brown, poorly graded, fine grained, dry, loose, no odor	
					12.0	
					(SW) 95 % sand, 5 % fines, light brown, poorly graded, fine to medium grained, dry, loose, no odor 13.0	
					(SM) 85 % sand, 15 % fines, light brown, poorly graded, fine grained, dry, loose, no odor	
15			PID = 2.2		(SM) 80 % sand, 20 % fines, light brown, poorly graded, fine grained, dry, loose, no odor	
					(SM) 80 % sand, 20 % fines, light brown, poorly graded, fine grained, dry, loose, no odor 17.0	Sand Filler 25-8
					(SW) 90 % sand, 10 % fines, light brown, well graded, fine to coarse grained, dry, loose, no odor 18.0	Screened interval 25-10
					(SM) 85 % sand, 15 % fines, light brown, poorly graded, fine grained, dry, loose, no odor	
20			PID = 0.2		(SM) 80 % sand, 20 % fines, light brown, poorly graded, fine grained, moist, dense, no odor	
			PID = 0.2			
25					25.0	

Bottom of borehole at 25.0 feet.

DRAFT

ENVIRONMENTAL BH - GINT STD US LAB.GDT - 4/12/19 11:11 - \\EGNYTEDRIVE\RETTEW\SHARED\PROJECTS\114131\114132001\GE\DATA\BORE LOGS\2019_03-28 DAKOTA DRILLING\88TH AND WASHINGTON LOGS.GPJ

QUANTUM WATER & ENVIRONMENT

SOIL BORING AND WELL CONSTRUCTION LOG

BOREHOLE NUMBER: MW32

PROJECT NAME/NUMBER: **412E-21**
LOCATION: **1310 Sheldon Drive, Denver, CO 80229**
DRILLING COMPANY: **DrillPro Services, Inc.**
DRILLING METHOD: **6" SSA**
GEOLOGIST: **Steve Hoffman** DRILLER: **Blake Jones**
DATE BEGUN: **10/5/2021** DATE COMPLETED: **10/5/2021**

TOTAL BORING DEPTH: **25 Feet**
TOTAL WELL DEPTH: **24 Feet**

INITIAL AND STATIC WATER LEVEL (BGS)		
Depth (ft)	NA	NA
Date	NA	NA

DEPTH	STATIC WATER	RECOVERY (ft)	PID (ppm VOC)	USCS	LITHOLOGY DESCRIPTION	LITHOLOGY	WELL CONSTRUCTION
0.0 – 25.0				CH	Asphalt Clay: Light brown, moist, high plasticity.		J plug cap CONCRETE VAULT 2" O.D. SCH 40 PVC RISER BENTONITE CHIP SEAL
				CH	Claystone: Light brown, dry, high plasticity.		SAND 10 X 20 MESH 2" O.D. SCH 40 PVC SCREEN BOTTOM CAP

SOIL BORING AND WELL CONSTRUCTION LOG

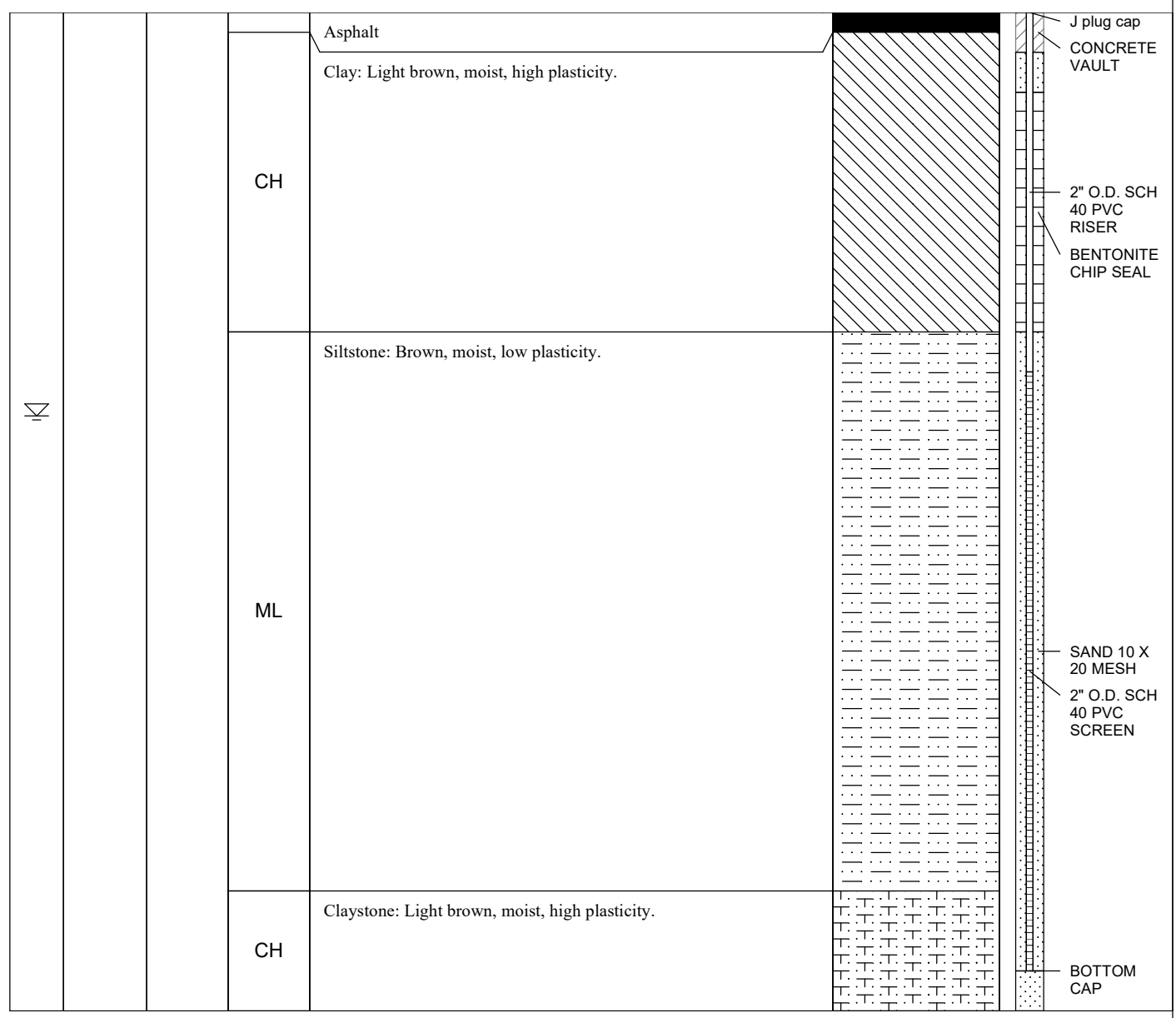
BOREHOLE NUMBER: MW33

PROJECT NAME/NUMBER: **412E-21**
LOCATION: **8661 Edison St, Denver, CO 80229**
DRILLING COMPANY: **DrillPro Services, Inc.**
DRILLING METHOD: **6" SSA**
GEOLOGIST: **Steve Hoffman** DRILLER: **Blake Jones**
DATE BEGUN: **9/16/2021** DATE COMPLETED: **9/16/2021**

TOTAL BORING DEPTH: **25 Feet**
TOTAL WELL DEPTH: **24 Feet**

INITIAL AND STATIC WATER LEVEL (BGS)		
Depth (ft)	NA	10.10
Date	NA	9/24/2021

DEPTH	STATIC WATER	RECOVERY (ft)	PID (ppm VOC)	USCS	LITHOLOGY DESCRIPTION
0.0					Asphalt
1.0					Clay: Light brown, moist, high plasticity.
2.0					
3.0					
4.0				CH	
5.0					
6.0					
7.0					
8.0					Siltstone: Brown, moist, low plasticity.
9.0					
10.0	▽				
11.0					
12.0					
13.0					
14.0					
15.0				ML	
16.0					
17.0					
18.0					
19.0					
20.0					
21.0					
22.0					Claystone: Light brown, moist, high plasticity.
23.0				CH	
24.0					
25.0					



SOIL BORING AND WELL CONSTRUCTION LOG

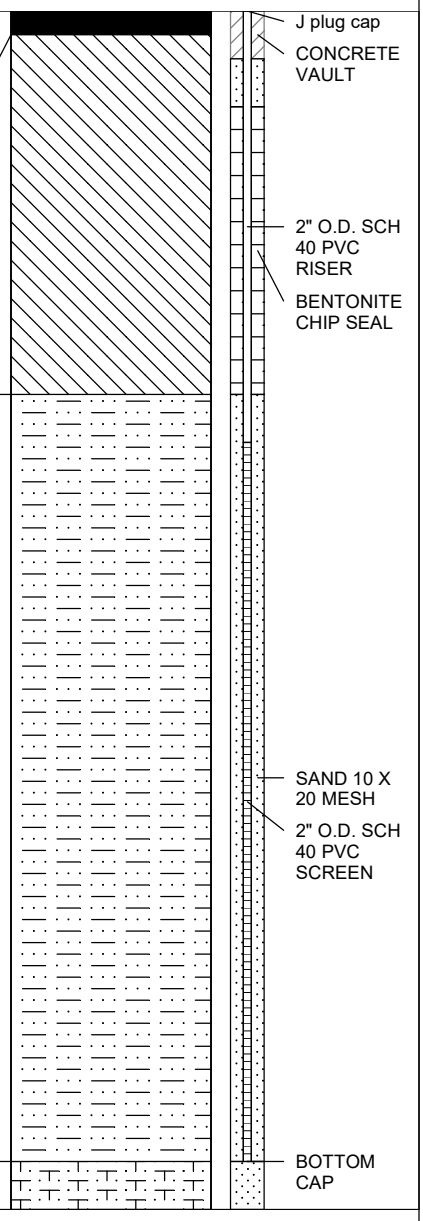
BOREHOLE NUMBER: MW34

PROJECT NAME/NUMBER: **412E-21**
LOCATION: **8741 De Soto St, Denver, CO 80229**
DRILLING COMPANY: **DrillPro Services, Inc.**
DRILLING METHOD: **6" SSA**
GEOLOGIST: **Steve Hoffman** DRILLER: **Blake Jones**
DATE BEGUN: **9/16/2021** DATE COMPLETED: **9/16/2021**

TOTAL BORING DEPTH: **25 Feet**
TOTAL WELL DEPTH: **24 Feet**

INITIAL AND STATIC WATER LEVEL (BGS)		
Depth (ft)	NA	11.62
Date	NA	9/24/2021

DEPTH	STATIC WATER	RECOVERY (ft)	PID (ppm VOC)	USCS	LITHOLOGY DESCRIPTION
0.0					Asphalt
1.0					Clay: Brown, moist, high plasticity.
2.0					
3.0					
4.0				CH	
5.0					
6.0					
7.0					
8.0					Siltstone: Light brown, dry.
9.0					
10.0					
11.0					
12.0	▽				
13.0					
14.0					
15.0					
16.0				ML	
17.0					
18.0					
19.0					
20.0					
21.0					
22.0					
23.0					
24.0				CH	Claystone: Brown, moist, high plasticity.
25.0					



SOIL BORING AND WELL CONSTRUCTION LOG

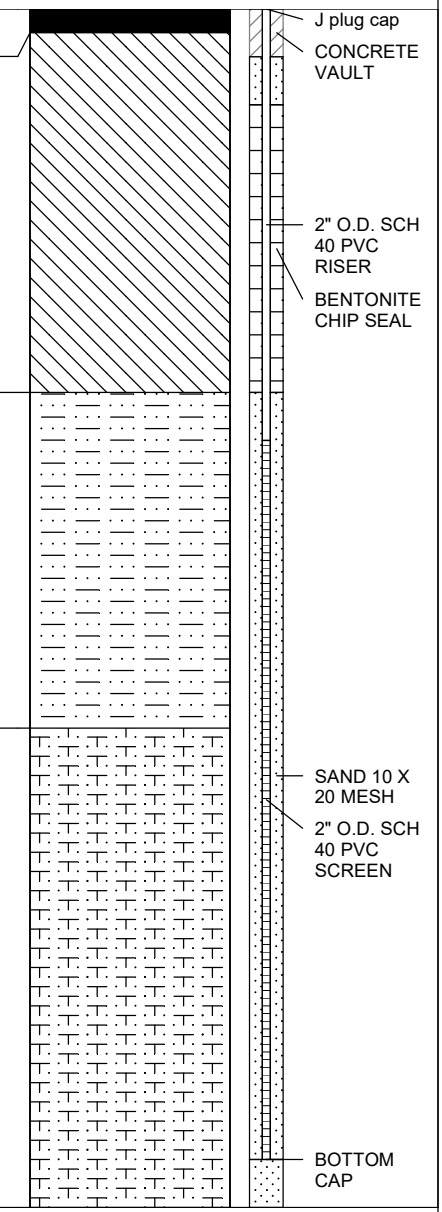
BOREHOLE NUMBER: MW35

PROJECT NAME/NUMBER: **412E-21**
LOCATION: **8761 Dawson St, Thornton, CO 80229**
DRILLING COMPANY: **DrillPro Services, Inc.**
DRILLING METHOD: **6" SSA**
GEOLOGIST: **Steve Hoffman** DRILLER: **Blake Jones**
DATE BEGUN: **9/16/2021** DATE COMPLETED: **9/16/2021**

TOTAL BORING DEPTH: **25 Feet**
TOTAL WELL DEPTH: **24 Feet**

INITIAL AND STATIC WATER LEVEL (BGS)		
Depth (ft)	NA	8.78
Date	NA	9/24/2021

DEPTH	STATIC WATER	RECOVERY (ft)	PID (ppm VOC)	USCS	LITHOLOGY DESCRIPTION
0.0					Asphalt
1.0					Clay: Brown, moist, high plasticity.
2.0					
3.0					
4.0				CH	
5.0					
6.0					
7.0					
8.0					
9.0	▽				Siltstone: Brown, dry, low plasticity.
10.0					
11.0					
12.0				ML	
13.0					
14.0					
15.0					
16.0					Claystone: Brown, moist, high plasticity.
17.0					
18.0					
19.0					
20.0				CH	
21.0					
22.0					
23.0					
24.0					
25.0					



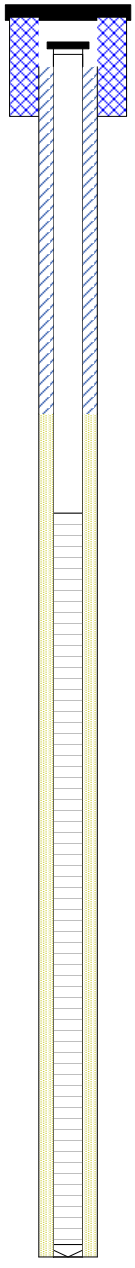
PROJECT:

Thornton Shopping Center

Log of No. MW-37

PROJECT LOCATION: 8876 Washington Street	GROUND SURFACE ELEVATION (ft):
DRILLING CONTRACTOR: Site Services Drilling, LLC.	TOP OF CASING ELEVATION (ft):
DRILLING METHOD: Direct Push/ Solid Stem Auger	NORTHING (ft.):
DRILLING EQUIPMENT: Geoprobe 7822 DT	EASTING (ft):
DRILL DATE: 2/7/2025	DEPTH TO WATER (ft btoc):
GEOLOGIST: Kate Forsmark	BORING DIAMETER (in): 4

DEPTH (feet)	SAMPLES Number	SAMPLES Interval	PID Reading	DESCRIPTION
0				Concrete
			0	Clay: stiff to very stiff, low plasticity, brown, dry
			0	
5			0	
			0	Clayey silt: medium stiff, moderate plasticity, brown, dry
			0	
	MW-39@10		0	
10			0.1	silty sand: fine grained, well graded, medium dense, brown, dry
				Refusal: SSA 10 to 25', no samples collected
15				
20				Sandstone: hard, light grey, dry
				Clay: soft, some silt, brown, very moist
25				

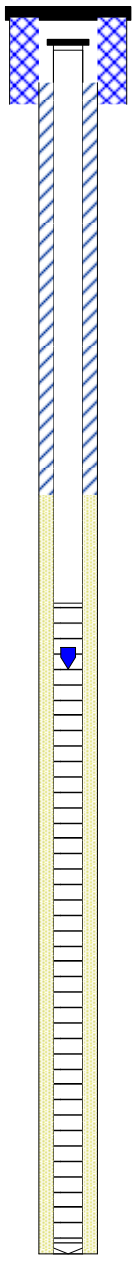


WELL CONSTRUCTION DETAILS

- Concrete seal with flushmount and j-plug
- 2" diameter Schedule 40 PVC casing
- Hydrated Bentonite
- 10-20 filter pack sand
- 2" diameter, 0.010" slot, Schedule 40 PVC screen
- 2" diameter Schedule 40 PVC end cap

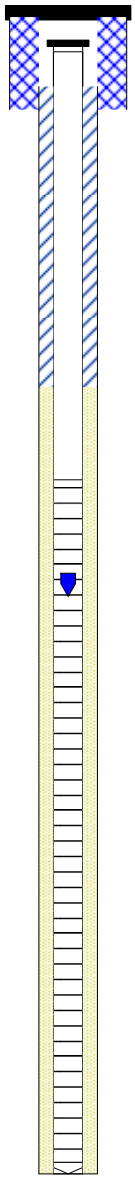
PROJECT: Thornton Shopping Center		Log of No. MW-39
PROJECT LOCATION:	Corner of East 88th Avenue and Corona Street	GROUND SURFACE ELEVATION (ft):
DRILLING CONTRACTOR:	Site Services Drilling	TOP OF CASING ELEVATION (ft): 5294.88
DRILLING METHOD:	Direct Push	NORTHING (ft.): 1190978.69
DRILLING EQUIPMENT:	Geoprobe 7822DT	EASTING (ft): 3147606.71
DRILL DATE:	1/24/2025	DEPTH TO WATER (ft btoc): 15.02
GEOLOGIST:	Craig Sovka	BORING DIAMETER (in): 6

DEPTH (feet)	SAMPLES Number	SAMPLES Interval	PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
0			0	Landscaping	Concrete seal with flushmount and j-plug
5			0	Sandy silt: Light brown, moist, fine grain	2" diameter Schedule 40 PVC casing
10			0	Silty sand: Light brown, moist, fine grain	Hydrated Bentonite
15	MW-39-14		0	Silty sand: Light brown, moist fine grain, iron staining	10-20 filter pack sand
20			0	Silty sand: Light brown, moist, fine grain, clay interbeds	2" diameter, 0.010" slot, Schedule 40 PVC screen
25			0		
30	MW-39-28		0	Silty sand: Light brown, moist, fine grain, hard at the bottom	2" diameter Schedule 40 PVC end cap
				End of Borehold - Refusal	



PROJECT: Thornton Shopping Center		Log of No. MW-40
PROJECT LOCATION:	Alley between East 89th Ave and Oak Pl	GROUND SURFACE ELEVATION (ft):
DRILLING CONTRACTOR:	Site Services Drilling	TOP OF CASING ELEVATION (ft): 5293.65
DRILLING METHOD:	Hollow Stem Auger	NORTHING (ft.): 1191353.45
DRILLING EQUIPMENT:	CHE-55	EASTING (ft): 3147680.54
DRILL DATE:	12/2/24	DEPTH TO WATER (ft btoc): 12.52
GEOLOGIST:	Josh Rosen	BORING DIAMETER (in): 3.25

DEPTH (feet)	SAMPLES Number	SAMPLES Interval	PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
0			0	Potholed	Concrete seal with flushmount and j-plug
5			0	Silty sand: Fine grain sand, silty, olive brown, moist	2" diameter Schedule 40 PVC casing Hydrated Bentonite
10			0		10-20 filter pack sand
	MW-A-13		0	Clay: Silty, some fine sand, brown, moist	
15			0		2" diameter, 0.010" slot, Schedule 40 PVC screen
	MW-A-18.5		0	Silty sand: Fine grain, silty, olive brown, moist to slightly moist, iron staining 17.5' bgs	
20			0		
25			0		2" diameter Schedule 40 PVC end cap



PROJECT: Thornton Shopping Center		Log of No. MW-41
PROJECT LOCATION:	Alley between Oak Pl and East 88th Ave	GROUND SURFACE ELEVATION (ft):
DRILLING CONTRACTOR:	Site Services Drilling	TOP OF CASING ELEVATION (ft): 5284.17
DRILLING METHOD:	Hollow Stem Auger	NORTHING (ft.): 1191087.24
DRILLING EQUIPMENT:	CHE-55	EASTING (ft): 3147921.22
DRILL DATE:	12/4/24	DEPTH TO WATER (ft btoc): 14.12
GEOLOGIST:	Josh Rosen	BORING DIAMETER (in): 3.25

DEPTH (feet)	SAMPLES Number	SAMPLES Interval	PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
0			0	Potholed	Concrete seal with flushmount and j-plug
5			0		2" diameter Schedule 40 PVC casing
			0		Hydrated Bentonite
			0	Silty sand: Fine grain sand, olive brown, slightly moist	
10			0	Clay: Some fine sand, silty, olive brown, moist	10-20 filter pack sand
	MW-A-12.5		0		
			0		
15			0		2" diameter, 0.010" slot, Schedule 40 PVC screen
	MW-B-17		0	Silty sand: Fine grain, some clay, olive brown, slightly moist	
20			0		
			0		
			0		2" diameter Schedule 40 PVC end cap
25					

PROJECT: Thornton Shopping Center		Log of No. MW-42	
PROJECT LOCATION:	Desoto Street, south of East 88th Avenue	GROUND SURFACE ELEVATION (ft):	
DRILLING CONTRACTOR:	Site Services Drilling	TOP OF CASING ELEVATION (ft):	5273.21
DRILLING METHOD:	Hollow Stem Auger	NORTHING (ft.):	1190745.15
DRILLING EQUIPMENT:	CHE-55	EASTING (ft):	3148148.53
DRILL DATE:	12/12/24	DEPTH TO WATER (ft btoc):	11.14
GEOLOGIST:	Josh Rosen	BORING DIAMETER (in):	3.25

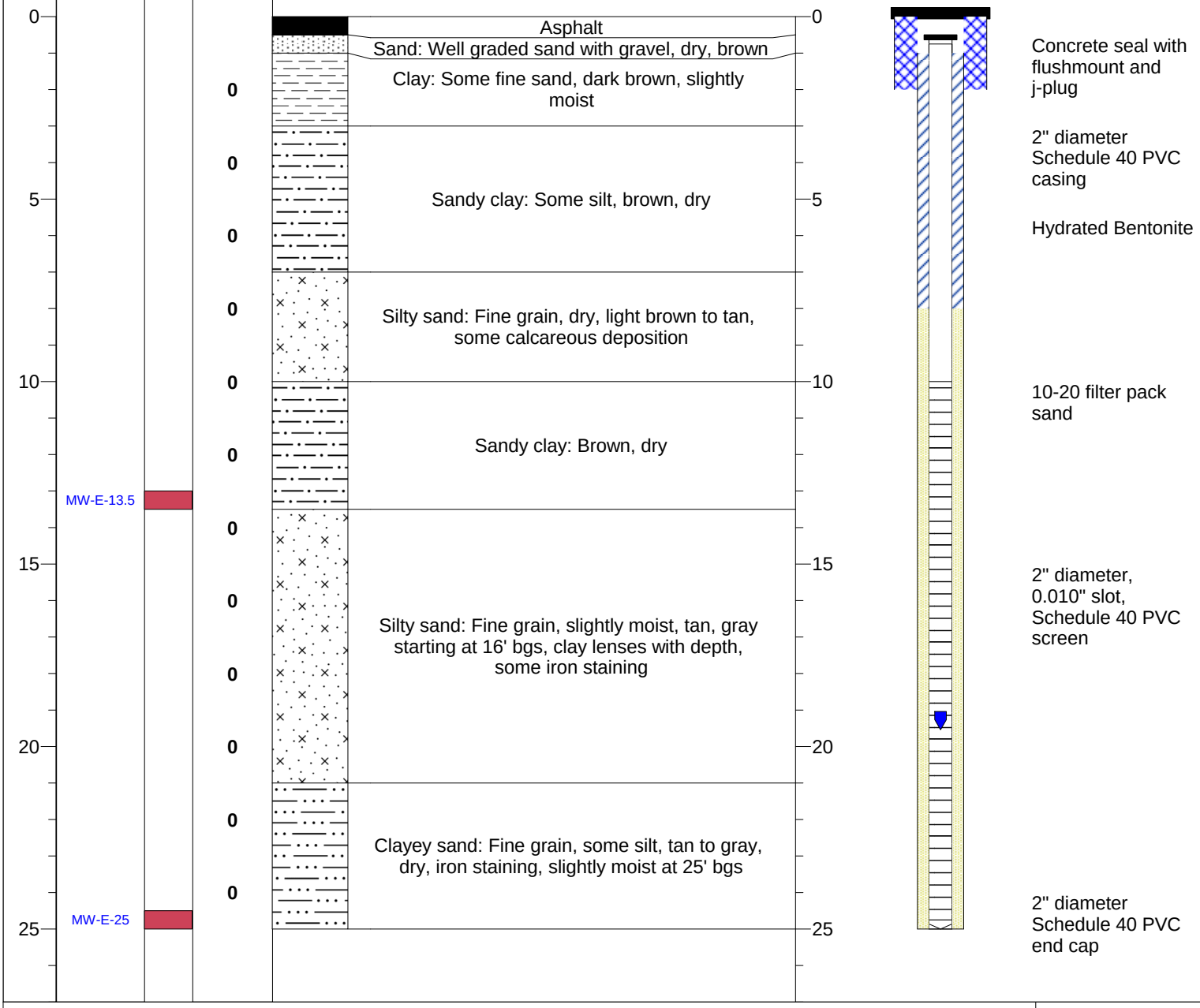
DEPTH (feet)	SAMPLES Number	SAMPLES Interval	PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
0				Asphalt	Concrete seal with flushmount and j-plug
			0	Clay: Silty, brown, moist	
			0		2" diameter Schedule 40 PVC casing
5			0	Clayey sand: Silty, brown, slightly moist	Hydrated Bentonite
			0		
			0		
10			0		10-20 filter pack sand
			0	Sand: Poorly graded fine grain sand, olive brown, slightly moist	
	MW-C-13.5		0	Clayey sand: silty, brown, slightly moist, slightly moist, iron staining	
15			0		2" diameter, 0.010" slot, Schedule 40 PVC screen
			0		
			0		
20			0	Silty sand: olive brown, slightly moist	
			0		
			0		
25	MW-C-25				2" diameter Schedule 40 PVC end cap

PROJECT: Thornton Shopping Center		Log of No. MW-43
PROJECT LOCATION:	Edison Street, south of East 88th Avenue	GROUND SURFACE ELEVATION (ft):
DRILLING CONTRACTOR:	Site Services Drilling	TOP OF CASING ELEVATION (ft): 5264.10
DRILLING METHOD:	Hollow Stem Auger	NORTHING (ft.): 1190567.67
DRILLING EQUIPMENT:	CHE-55	EASTING (ft): 3148445.82
DRILL DATE:	12/12/24	DEPTH TO WATER (ft btoc): 10.24
GEOLOGIST:	Josh Rosen	BORING DIAMETER (in): 3.25

DEPTH (feet)	SAMPLES Number	SAMPLES Interval	PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
0				Asphalt	Concrete seal with flushmount and j-plug
			0	Clay: Sandy, dark brown to black, moist	
			0	Clay: Trace fine sand and silt, brown, moist	2" diameter Schedule 40 PVC casing
5			0		Hydrated Bentonite
			0		
			0		
10			0		10-20 filter pack sand
			0		
	MW-D-13.5		0		
15			0	Silty sand: Tan to olive brown, moist to slightly moist with depth	2" diameter, 0.010" slot, Schedule 40 PVC screen
			0		
			0		
20			0		
			0		
			0		
25	MW-D-25				2" diameter Schedule 40 PVC end cap

PROJECT: Thornton Shopping Center		Log of No. MW-44	
PROJECT LOCATION:	Essex Street, easterly of MW-33	GROUND SURFACE ELEVATION (ft):	
DRILLING CONTRACTOR:	Site Services Drilling	TOP OF CASING ELEVATION (ft):	5251.92
DRILLING METHOD:	Hollow Stem Auger	NORTHING (ft.):	1190289.22
DRILLING EQUIPMENT:	CHE-55	EASTING (ft):	3148708.11
DRILL DATE:	12/13/24	DEPTH TO WATER (ft btoc):	19.54
GEOLOGIST:	Emily True	BORING DIAMETER (in):	3.25

DEPTH (feet)	SAMPLES Number	SAMPLES Interval	PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
0				Asphalt	Concrete seal with flushmount and j-plug
			0	Sand: Well graded sand with gravel, dry, brown Clay: Some fine sand, dark brown, slightly moist	
			0		2" diameter Schedule 40 PVC casing
5			0	Sandy clay: Some silt, brown, dry	Hydrated Bentonite
			0	Silty sand: Fine grain, dry, light brown to tan, some calcareous deposition	
10			0		10-20 filter pack sand
			0	Sandy clay: Brown, dry	
	MW-E-13.5		0		
15			0	Silty sand: Fine grain, slightly moist, tan, gray starting at 16' bgs, clay lenses with depth, some iron staining	2" diameter, 0.010" slot, Schedule 40 PVC screen
			0		
20			0		
			0	Clayey sand: Fine grain, some silt, tan to gray, dry, iron staining, slightly moist at 25' bgs	
			0		
25	MW-E-25				2" diameter Schedule 40 PVC end cap



PROJECT: Thornton Shopping Center		Log of No. MW-45 40'-45'
PROJECT LOCATION:	8800 North Washington Street	GROUND SURFACE ELEVATION (ft):
DRILLING CONTRACTOR:	Cascade Environmental	TOP OF CASING ELEVATION (ft): 5302.06
DRILLING METHOD:	Sonic Drilling	NORTHING (ft.): 1191373.25
DRILLING EQUIPMENT:		EASTING (ft): 3147211.95
DRILL DATE:	1/9/2025	DEPTH TO WATER (ft btoc): 12.38
GEOLOGIST:	Josh Rosen	BORING DIAMETER (in): 6

DEPTH (feet)	SAMPLES Number	SAMPLES Interval	PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
0–60				See Log of No. MW-45 55'-60'	Concrete seal with flushmount and j-plug 2" diameter Schedule 40 PVC casing Cement and Bentonite Grout Hydrated Bentonite 10-20 filter pack sand 2" diameter, 0.010" slot, Schedule 40 PVC screen 2" diameter Schedule 40 PVC end cap

PROJECT: Thornton Shopping Center		Log of No. MW-45 48'-53'
PROJECT LOCATION:	8800 North Washington Street	GROUND SURFACE ELEVATION (ft):
DRILLING CONTRACTOR:	Cascade Environmental	TOP OF CASING ELEVATION (ft): 5301.93
DRILLING METHOD:	Sonic Drilling	NORTHING (ft.): 1191376.36
DRILLING EQUIPMENT:		EASTING (ft): 3147204.65
DRILL DATE:	1/8/2025	DEPTH TO WATER (ft btoc): 41.43
GEOLOGIST:	Josh Rosen	BORING DIAMETER (in): 6

DEPTH (feet)	SAMPLES Number	SAMPLES Interval	PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
0–60				See Log of No. MW-45 55'-60'	Concrete seal with flushmount and j-plug 2" diameter Schedule 40 PVC casing Cement and Bentonite Grout Hydrated Bentonite 10-20 filter pack sand 2" diameter, 0.010" slot, Schedule 40 PVC screen 2" diameter Schedule 40 PVC end cap

PROJECT: Thornton Shopping Center		Log of No. MW-45 55'-60'
PROJECT LOCATION:	8800 North Washington Street	GROUND SURFACE ELEVATION (ft):
DRILLING CONTRACTOR:	Cascade Environmental	TOP OF CASING ELEVATION (ft): 5301.85
DRILLING METHOD:	Sonic Drilling	NORTHING (ft.): 1191370.71
DRILLING EQUIPMENT:		EASTING (ft): 3147204.59
DRILL DATE:	1/6/2025	DEPTH TO WATER (ft btoc): 54.05
GEOLOGIST:	Josh Rosen	BORING DIAMETER (in): 6

DEPTH (feet)	SAMPLES Number	SAMPLES Interval	PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
0				Asphalt	Concrete seal with flushmount and j-plug
5	MW-AD-2.5		0	Silty sand: Some clay, medium brown, moist	
10	MW-AD-7.5		0		
15	MW-AD-12.5		0		
20	MW-AD-17.5		0	Claystone: Silty, grayish brown, moist, no fractures, very iron stained from 15' to 18' bgs	2" diameter Schedule 40 PVC casing
25	MW-AD-21.5		0	Silty sand: Olive brown, slightly moist	
30	MW-AD-27.5		0	Claystone: Silty, trace fine sand, dark gray, organic	
35	MW-AD-32.5		0	Grades from silty sand to sandstone: Olive brown, slightly moist, contains pieces of hard sandstone (up to 4")	Cement and Bentonite Grout
40	MW-AD-37.5		0	Claystone: Dark gray, slightly moist, no fractures, grades to light gray at 42' bgs	
45	MW-AD-42.5		0	Silty sand: Sand to sandstone, silty olive brown, slightly moist	
50	MW-AD-47.5		2.9	Claystone: With fine grain sand, dark gray with occasional olive gray streaks, moist, iron staining, calcareous deposition at 52' bgs	Hydrated Bentonite
55	MW-AD-52.5		0	Sandstone: Fine grain, silty, trace, clay, medium gray, dry, hard, iron staining. A few horizontal fractures between 54 and 55.5' bgs	10-20 filter pack sand
60	MW-AD-60		1.5	Claystone: Trace silt and fine sand, dark gray to black, moist, soft	2" diameter, 0.010" slot, Schedule 40 PVC screen
			1.7	Denver blue sandstone: Fine grain, silty, trace clay, medium gray blue, dry, hard	2" diameter Schedule 40 PVC end cap

PROJECT: Thornton Shopping Center		Log of No. MW-46 40'-45'
PROJECT LOCATION:	8800 North Washington Street	GROUND SURFACE ELEVATION (ft):
DRILLING CONTRACTOR:	Cascade Environmental	TOP OF CASING ELEVATION (ft): 5300.99
DRILLING METHOD:	Sonic Drilling	NORTHING (ft.): 1191211.08
DRILLING EQUIPMENT:		EASTING (ft): 3147460.23
DRILL DATE:	1/12/2025	DEPTH TO WATER (ft btoc): 32.09
GEOLOGIST:	Emily True	BORING DIAMETER (in): 6

DEPTH (feet)	SAMPLES Number	SAMPLES Interval	PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
0–60				See Log of No. MW-46 48'-53'	Concrete seal with flushmount and j-plug 2" diameter Schedule 40 PVC casing Cement and Bentonite Grout Hydrated Bentonite 10-20 filter pack sand 2" diameter, 0.010" slot, Schedule 40 PVC screen 2" diameter Schedule 40 PVC end cap

PROJECT: Thornton Shopping Center		Log of No. MW-46 48'-53'
PROJECT LOCATION:	8800 North Washington Street	GROUND SURFACE ELEVATION (ft):
DRILLING CONTRACTOR:	Cascade Environmental	TOP OF CASING ELEVATION (ft): 5301.03
DRILLING METHOD:	Sonic Drilling	NORTHING (ft.): 1191218.03
DRILLING EQUIPMENT:		EASTING (ft): 3147460.26
DRILL DATE:	1/11/2025 12/13	DEPTH TO WATER (ft btoc): 27.61
GEOLOGIST:	Craig Sovka	BORING DIAMETER (in): 6

DEPTH (feet)	SAMPLES Number	SAMPLES Interval	PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
0			0	Asphalt	Concrete seal with flushmount and j-plug
5			0	Sandy silt: Fine grain, brown, moist	
			0		
			0		
10			0	Sandy silt: Brown, moist, some gypsum and iron staining, brown clay interbeds from 10' to 12.5' bgs	
			0		2" diameter Schedule 40 PVC casing
			1.1		
15			0.5	Sandy silt: Fine grain, tan to light brown, dry, some iron staining from 17.5' to 20' bgs, wet at 19' bgs	
			1.2		
			2.5		
20			1.6		
			3.1	Claystone: Weathered, blocky, sandy, brown to tan, slightly moist, orange to tan from 25' to 27.5' bgs	
			0.7		
25			4.9		Cement and Bentonite Grout
			0	Sandy claystone: Gray to brown with iron and gypsum mottling from 27.5' to 28.5' bgs, tan to brown with iron staining from 28.5' to 30' bgs	
			1.1		
30			0.5	Sandy silt: Light brown, less competent, dry, some dark brown interbeds, clayey	
			0.9	Clayey silt: More competent, moist, olive brown to tan	
35			1.4	Sandy silt: Olive gray to tan, dry, less competent, some hard brittle layers, gypsum at 28' bgs	
			2.1		
			0	Claystone: Dense, moist	
40			0	Sandy silt, less competent, light olive brown to olive gray, dry to moist, clay at 43' bgs, some gypsum from 45' to 48' bgs	Hydrated Bentonite
			0		
			0.1		10-20 filter pack sand
45			0.9		
			0.4	Sandstone: Fine grain to medium coarse, orange brown to brown, dark brown clay interbeds, dry	2" diameter, 0.010" slot, Schedule 40 PVC screen
50			3		
					2" diameter Schedule 40 PVC end cap
55					
60					

PROJECT: Thornton Shopping Center		Log of No. MW-46 55'-60'
PROJECT LOCATION:	8800 North Washington Street	GROUND SURFACE ELEVATION (ft):
DRILLING CONTRACTOR:	Cascade Environmental	TOP OF CASING ELEVATION (ft): 5300.78
DRILLING METHOD:	Sonic Drilling	NORTHING (ft.): 1191214.97
DRILLING EQUIPMENT:		EASTING (ft): 3147466.46
DRILL DATE:	1/10/2025	DEPTH TO WATER (ft btoc): 46.78
GEOLOGIST:	Josh Rosen	BORING DIAMETER (in): 6

DEPTH (feet)	SAMPLES Number	SAMPLES Interval	PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
0				Asphalt	Concrete seal with flushmount and j-plug
	MW-CD-2.5		0	Clayey sand: Silty, medium brown, moist	
5			0		
	MW-CD-7.5		0		
				Clay: Trace fine sand and silt, brown, moist	
10			1.5		
	MW-CD-12.5		0	Silty sand: Medium to olive brown, moist	
			0		
15			0		2" diameter Schedule 40 PVC casing
	MW-CD-17.5		0		
			0	Sandstone: Fine grain, reddish brown to brown, disseminated with chunks of hard sandstone, to 3" diameter, moist	
20			0		
	MW-CD-22.5		0		
			0		
25			0		
	MW-CD-27.5		0		
			0		Cement and Bentonite Grout
30			0		
	MW-CD-32.5		0		
			0	Silty sand: Fine grain, olive brown, slightly moist, iron staining	
35			1.7		
	MW-CD-38.5		9.3		
40			4.8		
	MW-CD-42.5		2.3		
			0		
45			0	Sandstone: Fine grain, very silty, trace clay, medium gray to olive gray, slightly moist, soft. Horizontal fracture at 50' bgs	Hydrated Bentonite
	MW-CD-47.5		0		
			0		
50			3.2		10-20 filter pack sand
	MW-CD-52.5		2.5		
			0	Silty sand: Fine grain, orange brown, slightly moist to moist	2" diameter, 0.010" slot, Schedule 40 PVC screen
55			0		
	MW-CD-58		1.1		
				Claystone: Weathered, dark brown, iron staining, wet and fractured at 58' bgs	
60	MW-CD-60		0		2" diameter Schedule 40 PVC end cap

PROJECT: Thornton Shopping Center		Log of No. MW-47 40'-45'
PROJECT LOCATION:	8800 North Washington Street	GROUND SURFACE ELEVATION (ft):
DRILLING CONTRACTOR:	Cascade Environmental	TOP OF CASING ELEVATION (ft): 5303.33
DRILLING METHOD:	Sonic Drilling	NORTHING (ft.): 1191102.46
DRILLING EQUIPMENT:		EASTING (ft): 3147128.14
DRILL DATE:	1/14/2025	DEPTH TO WATER (ft btoc): 18.44
GEOLOGIST:	Giovanna Mendoza	BORING DIAMETER (in): 6

DEPTH (feet)	SAMPLES Number	SAMPLES Interval	PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
0–60				See Log of No. MW-47 55'-60'	Concrete seal with flushmount and j-plug 2" diameter Schedule 40 PVC casing Cement and Bentonite Grout Hydrated Bentonite 10-20 filter pack sand 2" diameter, 0.010" slot, Schedule 40 PVC screen 2" diameter Schedule 40 PVC end cap

PROJECT: Thornton Shopping Center		Log of No. MW-47 48'-53'
PROJECT LOCATION:	8800 North Washington Street	GROUND SURFACE ELEVATION (ft):
DRILLING CONTRACTOR:	Cascade Environmental	TOP OF CASING ELEVATION (ft): 5303.405303.33
DRILLING METHOD:	Sonic Drilling	NORTHING (ft.): 1191094.9
DRILLING EQUIPMENT:		EASTING (ft): 3147128.14
DRILL DATE:	1/14/2025	DEPTH TO WATER (ft btoc): 29.68
GEOLOGIST:	Giovanna Mendoza	BORING DIAMETER (in): 6

DEPTH (feet)	SAMPLES Number	SAMPLES Interval	PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
0–60				See Log of No. MW-47 55'-60'	Concrete seal with flushmount and j-plug 2" diameter Schedule 40 PVC casing Cement and Bentonite Grout Hydrated Bentonite 10-20 filter pack sand 2" diameter, 0.010" slot, Schedule 40 PVC screen 2" diameter Schedule 40 PVC end cap

PROJECT: Thornton Shopping Center		Log of No. MW-47 55'-60'
PROJECT LOCATION:	8800 North Washington Street	GROUND SURFACE ELEVATION (ft):
DRILLING CONTRACTOR:	Cascade Environmental	TOP OF CASING ELEVATION (ft): 5303.17
DRILLING METHOD:	Sonic Drilling	NORTHING (ft.): 1191086.47
DRILLING EQUIPMENT:		EASTING (ft): 3147128.46
DRILL DATE:	1/13/2025	DEPTH TO WATER (ft btoc): Dry
GEOLOGIST:	Craig Sovka	BORING DIAMETER (in): 6

DEPTH (feet)	SAMPLES Number	SAMPLES Interval	PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
0	MW-BD-2.5		0	Potholed	Concrete seal with flushmount and j-plug
5			3.3		
	MW-BD-7.5		9.6		
			7.3	Sandy silt: Moist, iron staining, blocky	
10	MW-BD-12.5		3.1		
			0.4	Silty sand: Dry, iron staining	
15			2		2" diameter Schedule 40 PVC casing
	MW-BD-17.5		2.3	Sand: Fine grain, orange brown, hard rock layers and clay interbeds, dry, iron staining	
20			1.2		
			11.7	Sandy silt: Light brown, moist, blocky, iron staining	
	MW-BD-23		17.2		
			41.6	Clayey silt: Brown, dense, some gypsum	
25			19.5	Claystone: Dark brown, hard, iron staining along fractures	
	MW-BD-27.5		11.6	Sandy silt: Olive brown, loose, dry, iron staining at 28' bgs	
30			6.9		Cement and Bentonite Grout
	MW-BD-32.5		4.9		
			12.5	Sandstone: Fine to medium grain with rock layers, orangey brown, moist, clay interbeds from 37.5' to 40' bgs	
35			3.5		
	MW-BD-37.5		1		
40			0	Sandy silt: Fine grain, blocky, moist	
	MW-BD-42.5		0		
			1	Sand: Fine grain, rock layers, micaceous, iron staining, dry	
45			0.4		Hydrated Bentonite
	MW-BD-47.5		2	Sandy silt: Fine gray to orange, iron staining, mostly dry, some gypsum between 50' and 55' bgs	
50			0.3		10-20 filter pack sand
	MW-BD-52.5		1.9		
			2.7		2" diameter, 0.010" slot, Schedule 40 PVC screen
55			6.7		
			19.1	Denver blue siltstone: Fine grain, blue to gray, dry, clay interbeds from 58' to 60' bgs	
60	MW-BD-60		15.4		2" diameter Schedule 40 PVC end cap

Appendix C Laboratory Sheets – Soil Samples

ANALYTICAL REPORT

January 14, 2025

ERO Resources

Sample Delivery Group:	L1815876
Samples Received:	01/09/2025
Project Number:	24-260
Description:	SC-Thornton

Report To:

Jack Denman
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Entire Report Reviewed By:

J Dozier

Jordan Dozier
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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MW-AD-2.5 L1815876-01 Solid

Collected by: Emily True | Collected date/time: 01/06/25 10:48 | Received date/time: 01/09/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2432037	1	01/12/25 13:31	01/13/25 01:58	JHH	Mt. Juliet, TN

MW-AD-7.5 L1815876-02 Solid

Collected by: Emily True | Collected date/time: 01/06/25 11:28 | Received date/time: 01/09/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2432037	1	01/12/25 13:31	01/13/25 02:17	JHH	Mt. Juliet, TN

MW-AD-12.5 L1815876-03 Solid

Collected by: Emily True | Collected date/time: 01/06/25 12:02 | Received date/time: 01/09/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2432037	1	01/12/25 13:31	01/13/25 02:35	JHH	Mt. Juliet, TN

MW-AD-17.5 L1815876-04 Solid

Collected by: Emily True | Collected date/time: 01/06/25 12:24 | Received date/time: 01/09/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2432037	1	01/12/25 13:31	01/13/25 02:54	JHH	Mt. Juliet, TN

MW-AD-21.5 L1815876-05 Solid

Collected by: Emily True | Collected date/time: 01/06/25 13:55 | Received date/time: 01/09/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2432038	1	01/12/25 13:31	01/12/25 22:58	DWR	Mt. Juliet, TN

MW-AD-27.5 L1815876-06 Solid

Collected by: Emily True | Collected date/time: 01/06/25 14:20 | Received date/time: 01/09/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2432038	1	01/12/25 13:31	01/12/25 23:17	DWR	Mt. Juliet, TN

MW-AD-32.5 L1815876-07 Solid

Collected by: Emily True | Collected date/time: 01/06/25 15:00 | Received date/time: 01/09/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2432038	1	01/12/25 13:31	01/12/25 23:37	DWR	Mt. Juliet, TN

MW-AD-37.5 L1815876-08 Solid

Collected by: Emily True | Collected date/time: 01/06/25 15:35 | Received date/time: 01/09/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2432038	1	01/12/25 13:31	01/12/25 23:57	DWR	Mt. Juliet, TN

MW-AD-42.5 L1815876-09 Solid

Collected by: Emily True
Collected date/time: 01/06/25 15:55
Received date/time: 01/09/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2432038	1	01/12/25 13:31	01/13/25 00:16	DWR	Mt. Juliet, TN

MW-AD-47.5 L1815876-10 Solid

Collected by: Emily True
Collected date/time: 01/07/25 10:55
Received date/time: 01/09/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2432038	1	01/12/25 13:31	01/13/25 00:36	DWR	Mt. Juliet, TN

MW-AD-52.5 L1815876-11 Solid

Collected by: Emily True
Collected date/time: 01/07/25 11:15
Received date/time: 01/09/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2432038	1	01/12/25 13:31	01/13/25 00:55	DWR	Mt. Juliet, TN

MW-AD-60 L1815876-12 Solid

Collected by: Emily True
Collected date/time: 01/07/25 13:15
Received date/time: 01/09/25 09:15

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2432038	1	01/12/25 13:31	01/13/25 01:15	DWR	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Jordan Dozier
Project Manager

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/13/2025 01:58	WG2432037
Acrylonitrile	U		0.00361	0.0125	1	01/13/2025 01:58	WG2432037
Benzene	U		0.000467	0.00100	1	01/13/2025 01:58	WG2432037
Bromobenzene	U		0.000900	0.0125	1	01/13/2025 01:58	WG2432037
Bromodichloromethane	U		0.000725	0.00250	1	01/13/2025 01:58	WG2432037
Bromoform	U		0.00117	0.0250	1	01/13/2025 01:58	WG2432037
Bromomethane	U		0.00197	0.0125	1	01/13/2025 01:58	WG2432037
n-Butylbenzene	U		0.00525	0.0125	1	01/13/2025 01:58	WG2432037
sec-Butylbenzene	U		0.00288	0.0125	1	01/13/2025 01:58	WG2432037
tert-Butylbenzene	U		0.00195	0.00500	1	01/13/2025 01:58	WG2432037
Carbon tetrachloride	U		0.000898	0.00500	1	01/13/2025 01:58	WG2432037
Chlorobenzene	U		0.000210	0.00250	1	01/13/2025 01:58	WG2432037
Chlorodibromomethane	U		0.000612	0.00250	1	01/13/2025 01:58	WG2432037
Chloroethane	U		0.00170	0.00500	1	01/13/2025 01:58	WG2432037
Chloroform	U		0.00103	0.00250	1	01/13/2025 01:58	WG2432037
Chloromethane	U		0.00435	0.0125	1	01/13/2025 01:58	WG2432037
2-Chlorotoluene	U		0.000865	0.00250	1	01/13/2025 01:58	WG2432037
4-Chlorotoluene	U		0.000450	0.00500	1	01/13/2025 01:58	WG2432037
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/13/2025 01:58	WG2432037
1,2-Dibromoethane	U		0.000648	0.00250	1	01/13/2025 01:58	WG2432037
Dibromomethane	U		0.000750	0.00500	1	01/13/2025 01:58	WG2432037
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/13/2025 01:58	WG2432037
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/13/2025 01:58	WG2432037
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/13/2025 01:58	WG2432037
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/13/2025 01:58	WG2432037
1,1-Dichloroethane	U		0.000491	0.00250	1	01/13/2025 01:58	WG2432037
1,2-Dichloroethane	U		0.000649	0.00250	1	01/13/2025 01:58	WG2432037
1,1-Dichloroethene	U		0.000606	0.00250	1	01/13/2025 01:58	WG2432037
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/13/2025 01:58	WG2432037
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/13/2025 01:58	WG2432037
1,2-Dichloropropane	U		0.00142	0.00500	1	01/13/2025 01:58	WG2432037
1,1-Dichloropropene	U		0.000809	0.00250	1	01/13/2025 01:58	WG2432037
1,3-Dichloropropane	U		0.000501	0.00500	1	01/13/2025 01:58	WG2432037
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/13/2025 01:58	WG2432037
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/13/2025 01:58	WG2432037
2,2-Dichloropropane	U		0.00138	0.00250	1	01/13/2025 01:58	WG2432037
Di-isopropyl ether	U		0.000410	0.00100	1	01/13/2025 01:58	WG2432037
Ethylbenzene	U		0.000737	0.00250	1	01/13/2025 01:58	WG2432037
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/13/2025 01:58	WG2432037
Isopropylbenzene	U		0.000425	0.00250	1	01/13/2025 01:58	WG2432037
p-Isopropyltoluene	U		0.00255	0.00500	1	01/13/2025 01:58	WG2432037
2-Butanone (MEK)	U		0.0635	0.100	1	01/13/2025 01:58	WG2432037
Methylene Chloride	U		0.00664	0.0250	1	01/13/2025 01:58	WG2432037
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/13/2025 01:58	WG2432037
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/13/2025 01:58	WG2432037
Naphthalene	U		0.00488	0.0125	1	01/13/2025 01:58	WG2432037
n-Propylbenzene	U		0.000950	0.00500	1	01/13/2025 01:58	WG2432037
Styrene	U		0.000229	0.0125	1	01/13/2025 01:58	WG2432037
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/13/2025 01:58	WG2432037
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/13/2025 01:58	WG2432037
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/13/2025 01:58	WG2432037
Tetrachloroethene	U		0.000896	0.00250	1	01/13/2025 01:58	WG2432037
Toluene	U		0.00130	0.00500	1	01/13/2025 01:58	WG2432037
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/13/2025 01:58	WG2432037
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/13/2025 01:58	WG2432037
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/13/2025 01:58	WG2432037

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/13/2025 01:58	WG2432037
Trichloroethene	U		0.000584	0.00100	1	01/13/2025 01:58	WG2432037
Trichlorofluoromethane	U		0.000827	0.00250	1	01/13/2025 01:58	WG2432037
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/13/2025 01:58	WG2432037
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/13/2025 01:58	WG2432037
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/13/2025 01:58	WG2432037
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/13/2025 01:58	WG2432037
Vinyl chloride	U		0.00116	0.00250	1	01/13/2025 01:58	WG2432037
Xylenes, Total	U		0.000880	0.00650	1	01/13/2025 01:58	WG2432037
(S) Toluene-d8	*99.7*			*75.0-131*		*01/13/2025 01:58*	WG2432037
(S) 4-Bromofluorobenzene	*97.1*			*67.0-138*		*01/13/2025 01:58*	WG2432037
(S) 1,2-Dichloroethane-d4	*93.4*			*70.0-130*		*01/13/2025 01:58*	WG2432037

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/13/2025 02:17	WG2432037
Acrylonitrile	U		0.00361	0.0125	1	01/13/2025 02:17	WG2432037
Benzene	U		0.000467	0.00100	1	01/13/2025 02:17	WG2432037
Bromobenzene	U		0.000900	0.0125	1	01/13/2025 02:17	WG2432037
Bromodichloromethane	U		0.000725	0.00250	1	01/13/2025 02:17	WG2432037
Bromoform	U		0.00117	0.0250	1	01/13/2025 02:17	WG2432037
Bromomethane	U		0.00197	0.0125	1	01/13/2025 02:17	WG2432037
n-Butylbenzene	U		0.00525	0.0125	1	01/13/2025 02:17	WG2432037
sec-Butylbenzene	U		0.00288	0.0125	1	01/13/2025 02:17	WG2432037
tert-Butylbenzene	U		0.00195	0.00500	1	01/13/2025 02:17	WG2432037
Carbon tetrachloride	U		0.000898	0.00500	1	01/13/2025 02:17	WG2432037
Chlorobenzene	U		0.000210	0.00250	1	01/13/2025 02:17	WG2432037
Chlorodibromomethane	U		0.000612	0.00250	1	01/13/2025 02:17	WG2432037
Chloroethane	U		0.00170	0.00500	1	01/13/2025 02:17	WG2432037
Chloroform	U		0.00103	0.00250	1	01/13/2025 02:17	WG2432037
Chloromethane	U		0.00435	0.0125	1	01/13/2025 02:17	WG2432037
2-Chlorotoluene	U		0.000865	0.00250	1	01/13/2025 02:17	WG2432037
4-Chlorotoluene	U		0.000450	0.00500	1	01/13/2025 02:17	WG2432037
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/13/2025 02:17	WG2432037
1,2-Dibromoethane	U		0.000648	0.00250	1	01/13/2025 02:17	WG2432037
Dibromomethane	U		0.000750	0.00500	1	01/13/2025 02:17	WG2432037
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/13/2025 02:17	WG2432037
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/13/2025 02:17	WG2432037
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/13/2025 02:17	WG2432037
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/13/2025 02:17	WG2432037
1,1-Dichloroethane	U		0.000491	0.00250	1	01/13/2025 02:17	WG2432037
1,2-Dichloroethane	U		0.000649	0.00250	1	01/13/2025 02:17	WG2432037
1,1-Dichloroethene	U		0.000606	0.00250	1	01/13/2025 02:17	WG2432037
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/13/2025 02:17	WG2432037
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/13/2025 02:17	WG2432037
1,2-Dichloropropane	U		0.00142	0.00500	1	01/13/2025 02:17	WG2432037
1,1-Dichloropropene	U		0.000809	0.00250	1	01/13/2025 02:17	WG2432037
1,3-Dichloropropane	U		0.000501	0.00500	1	01/13/2025 02:17	WG2432037
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/13/2025 02:17	WG2432037
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/13/2025 02:17	WG2432037
2,2-Dichloropropane	U		0.00138	0.00250	1	01/13/2025 02:17	WG2432037
Di-isopropyl ether	U		0.000410	0.00100	1	01/13/2025 02:17	WG2432037
Ethylbenzene	U		0.000737	0.00250	1	01/13/2025 02:17	WG2432037
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/13/2025 02:17	WG2432037
Isopropylbenzene	U		0.000425	0.00250	1	01/13/2025 02:17	WG2432037
p-Isopropyltoluene	U		0.00255	0.00500	1	01/13/2025 02:17	WG2432037
2-Butanone (MEK)	U		0.0635	0.100	1	01/13/2025 02:17	WG2432037
Methylene Chloride	U		0.00664	0.0250	1	01/13/2025 02:17	WG2432037
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/13/2025 02:17	WG2432037
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/13/2025 02:17	WG2432037
Naphthalene	U		0.00488	0.0125	1	01/13/2025 02:17	WG2432037
n-Propylbenzene	U		0.000950	0.00500	1	01/13/2025 02:17	WG2432037
Styrene	U		0.000229	0.0125	1	01/13/2025 02:17	WG2432037
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/13/2025 02:17	WG2432037
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/13/2025 02:17	WG2432037
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/13/2025 02:17	WG2432037
Tetrachloroethene	U		0.000896	0.00250	1	01/13/2025 02:17	WG2432037
Toluene	U		0.00130	0.00500	1	01/13/2025 02:17	WG2432037
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/13/2025 02:17	WG2432037
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/13/2025 02:17	WG2432037
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/13/2025 02:17	WG2432037

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/13/2025 02:17	WG2432037
Trichloroethene	U		0.000584	0.00100	1	01/13/2025 02:17	WG2432037
Trichlorofluoromethane	U		0.000827	0.00250	1	01/13/2025 02:17	WG2432037
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/13/2025 02:17	WG2432037
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/13/2025 02:17	WG2432037
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/13/2025 02:17	WG2432037
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/13/2025 02:17	WG2432037
Vinyl chloride	U		0.00116	0.00250	1	01/13/2025 02:17	WG2432037
Xylenes, Total	U		0.000880	0.00650	1	01/13/2025 02:17	WG2432037
(S) Toluene-d8	*102*			*75.0-131*		*01/13/2025 02:17*	WG2432037
(S) 4-Bromofluorobenzene	*97.8*			*67.0-138*		*01/13/2025 02:17*	WG2432037
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*01/13/2025 02:17*	WG2432037

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/13/2025 02:35	WG2432037
Acrylonitrile	U		0.00361	0.0125	1	01/13/2025 02:35	WG2432037
Benzene	U		0.000467	0.00100	1	01/13/2025 02:35	WG2432037
Bromobenzene	U		0.000900	0.0125	1	01/13/2025 02:35	WG2432037
Bromodichloromethane	U		0.000725	0.00250	1	01/13/2025 02:35	WG2432037
Bromoform	U		0.00117	0.0250	1	01/13/2025 02:35	WG2432037
Bromomethane	U		0.00197	0.0125	1	01/13/2025 02:35	WG2432037
n-Butylbenzene	U		0.00525	0.0125	1	01/13/2025 02:35	WG2432037
sec-Butylbenzene	U		0.00288	0.0125	1	01/13/2025 02:35	WG2432037
tert-Butylbenzene	U		0.00195	0.00500	1	01/13/2025 02:35	WG2432037
Carbon tetrachloride	U		0.000898	0.00500	1	01/13/2025 02:35	WG2432037
Chlorobenzene	U		0.000210	0.00250	1	01/13/2025 02:35	WG2432037
Chlorodibromomethane	U		0.000612	0.00250	1	01/13/2025 02:35	WG2432037
Chloroethane	U		0.00170	0.00500	1	01/13/2025 02:35	WG2432037
Chloroform	U		0.00103	0.00250	1	01/13/2025 02:35	WG2432037
Chloromethane	U		0.00435	0.0125	1	01/13/2025 02:35	WG2432037
2-Chlorotoluene	U		0.000865	0.00250	1	01/13/2025 02:35	WG2432037
4-Chlorotoluene	U		0.000450	0.00500	1	01/13/2025 02:35	WG2432037
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/13/2025 02:35	WG2432037
1,2-Dibromoethane	U		0.000648	0.00250	1	01/13/2025 02:35	WG2432037
Dibromomethane	U		0.000750	0.00500	1	01/13/2025 02:35	WG2432037
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/13/2025 02:35	WG2432037
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/13/2025 02:35	WG2432037
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/13/2025 02:35	WG2432037
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/13/2025 02:35	WG2432037
1,1-Dichloroethane	U		0.000491	0.00250	1	01/13/2025 02:35	WG2432037
1,2-Dichloroethane	U		0.000649	0.00250	1	01/13/2025 02:35	WG2432037
1,1-Dichloroethene	U		0.000606	0.00250	1	01/13/2025 02:35	WG2432037
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/13/2025 02:35	WG2432037
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/13/2025 02:35	WG2432037
1,2-Dichloropropane	U		0.00142	0.00500	1	01/13/2025 02:35	WG2432037
1,1-Dichloropropene	U		0.000809	0.00250	1	01/13/2025 02:35	WG2432037
1,3-Dichloropropane	U		0.000501	0.00500	1	01/13/2025 02:35	WG2432037
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/13/2025 02:35	WG2432037
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/13/2025 02:35	WG2432037
2,2-Dichloropropane	U		0.00138	0.00250	1	01/13/2025 02:35	WG2432037
Di-isopropyl ether	U		0.000410	0.00100	1	01/13/2025 02:35	WG2432037
Ethylbenzene	U		0.000737	0.00250	1	01/13/2025 02:35	WG2432037
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/13/2025 02:35	WG2432037
Isopropylbenzene	U		0.000425	0.00250	1	01/13/2025 02:35	WG2432037
p-Isopropyltoluene	U		0.00255	0.00500	1	01/13/2025 02:35	WG2432037
2-Butanone (MEK)	U		0.0635	0.100	1	01/13/2025 02:35	WG2432037
Methylene Chloride	U		0.00664	0.0250	1	01/13/2025 02:35	WG2432037
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/13/2025 02:35	WG2432037
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/13/2025 02:35	WG2432037
Naphthalene	U		0.00488	0.0125	1	01/13/2025 02:35	WG2432037
n-Propylbenzene	U		0.000950	0.00500	1	01/13/2025 02:35	WG2432037
Styrene	U		0.000229	0.0125	1	01/13/2025 02:35	WG2432037
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/13/2025 02:35	WG2432037
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/13/2025 02:35	WG2432037
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/13/2025 02:35	WG2432037
Tetrachloroethene	U		0.000896	0.00250	1	01/13/2025 02:35	WG2432037
Toluene	U		0.00130	0.00500	1	01/13/2025 02:35	WG2432037
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/13/2025 02:35	WG2432037
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/13/2025 02:35	WG2432037
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/13/2025 02:35	WG2432037

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/13/2025 02:35	WG2432037
Trichloroethene	U		0.000584	0.00100	1	01/13/2025 02:35	WG2432037
Trichlorofluoromethane	U		0.000827	0.00250	1	01/13/2025 02:35	WG2432037
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/13/2025 02:35	WG2432037
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/13/2025 02:35	WG2432037
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/13/2025 02:35	WG2432037
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/13/2025 02:35	WG2432037
Vinyl chloride	U		0.00116	0.00250	1	01/13/2025 02:35	WG2432037
Xylenes, Total	U		0.000880	0.00650	1	01/13/2025 02:35	WG2432037
(S) Toluene-d8	*99.8*			*75.0-131*		*01/13/2025 02:35*	WG2432037
(S) 4-Bromofluorobenzene	*99.6*			*67.0-138*		*01/13/2025 02:35*	WG2432037
(S) 1,2-Dichloroethane-d4	*93.9*			*70.0-130*		*01/13/2025 02:35*	WG2432037

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/13/2025 02:54	WG2432037
Acrylonitrile	U		0.00361	0.0125	1	01/13/2025 02:54	WG2432037
Benzene	U		0.000467	0.00100	1	01/13/2025 02:54	WG2432037
Bromobenzene	U		0.000900	0.0125	1	01/13/2025 02:54	WG2432037
Bromodichloromethane	U		0.000725	0.00250	1	01/13/2025 02:54	WG2432037
Bromoform	U		0.00117	0.0250	1	01/13/2025 02:54	WG2432037
Bromomethane	U		0.00197	0.0125	1	01/13/2025 02:54	WG2432037
n-Butylbenzene	U		0.00525	0.0125	1	01/13/2025 02:54	WG2432037
sec-Butylbenzene	U		0.00288	0.0125	1	01/13/2025 02:54	WG2432037
tert-Butylbenzene	U		0.00195	0.00500	1	01/13/2025 02:54	WG2432037
Carbon tetrachloride	U		0.000898	0.00500	1	01/13/2025 02:54	WG2432037
Chlorobenzene	U		0.000210	0.00250	1	01/13/2025 02:54	WG2432037
Chlorodibromomethane	U		0.000612	0.00250	1	01/13/2025 02:54	WG2432037
Chloroethane	U		0.00170	0.00500	1	01/13/2025 02:54	WG2432037
Chloroform	U		0.00103	0.00250	1	01/13/2025 02:54	WG2432037
Chloromethane	U		0.00435	0.0125	1	01/13/2025 02:54	WG2432037
2-Chlorotoluene	U		0.000865	0.00250	1	01/13/2025 02:54	WG2432037
4-Chlorotoluene	U		0.000450	0.00500	1	01/13/2025 02:54	WG2432037
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/13/2025 02:54	WG2432037
1,2-Dibromoethane	U		0.000648	0.00250	1	01/13/2025 02:54	WG2432037
Dibromomethane	U		0.000750	0.00500	1	01/13/2025 02:54	WG2432037
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/13/2025 02:54	WG2432037
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/13/2025 02:54	WG2432037
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/13/2025 02:54	WG2432037
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/13/2025 02:54	WG2432037
1,1-Dichloroethane	U		0.000491	0.00250	1	01/13/2025 02:54	WG2432037
1,2-Dichloroethane	U		0.000649	0.00250	1	01/13/2025 02:54	WG2432037
1,1-Dichloroethene	U		0.000606	0.00250	1	01/13/2025 02:54	WG2432037
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/13/2025 02:54	WG2432037
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/13/2025 02:54	WG2432037
1,2-Dichloropropane	U		0.00142	0.00500	1	01/13/2025 02:54	WG2432037
1,1-Dichloropropene	U		0.000809	0.00250	1	01/13/2025 02:54	WG2432037
1,3-Dichloropropane	U		0.000501	0.00500	1	01/13/2025 02:54	WG2432037
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/13/2025 02:54	WG2432037
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/13/2025 02:54	WG2432037
2,2-Dichloropropane	U		0.00138	0.00250	1	01/13/2025 02:54	WG2432037
Di-isopropyl ether	U		0.000410	0.00100	1	01/13/2025 02:54	WG2432037
Ethylbenzene	U		0.000737	0.00250	1	01/13/2025 02:54	WG2432037
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/13/2025 02:54	WG2432037
Isopropylbenzene	U		0.000425	0.00250	1	01/13/2025 02:54	WG2432037
p-Isopropyltoluene	U		0.00255	0.00500	1	01/13/2025 02:54	WG2432037
2-Butanone (MEK)	U		0.0635	0.100	1	01/13/2025 02:54	WG2432037
Methylene Chloride	U		0.00664	0.0250	1	01/13/2025 02:54	WG2432037
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/13/2025 02:54	WG2432037
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/13/2025 02:54	WG2432037
Naphthalene	U		0.00488	0.0125	1	01/13/2025 02:54	WG2432037
n-Propylbenzene	U		0.000950	0.00500	1	01/13/2025 02:54	WG2432037
Styrene	U		0.000229	0.0125	1	01/13/2025 02:54	WG2432037
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/13/2025 02:54	WG2432037
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/13/2025 02:54	WG2432037
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/13/2025 02:54	WG2432037
Tetrachloroethene	U		0.000896	0.00250	1	01/13/2025 02:54	WG2432037
Toluene	U		0.00130	0.00500	1	01/13/2025 02:54	WG2432037
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/13/2025 02:54	WG2432037
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/13/2025 02:54	WG2432037
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/13/2025 02:54	WG2432037

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/13/2025 02:54	WG2432037
Trichloroethene	U		0.000584	0.00100	1	01/13/2025 02:54	WG2432037
Trichlorofluoromethane	U		0.000827	0.00250	1	01/13/2025 02:54	WG2432037
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/13/2025 02:54	WG2432037
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/13/2025 02:54	WG2432037
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/13/2025 02:54	WG2432037
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/13/2025 02:54	WG2432037
Vinyl chloride	U		0.00116	0.00250	1	01/13/2025 02:54	WG2432037
Xylenes, Total	U		0.000880	0.00650	1	01/13/2025 02:54	WG2432037
(S) Toluene-d8	*101*			*75.0-131*		*01/13/2025 02:54*	WG2432037
(S) 4-Bromofluorobenzene	*99.2*			*67.0-138*		*01/13/2025 02:54*	WG2432037
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*01/13/2025 02:54*	WG2432037

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/12/2025 22:58	WG2432038
Acrylonitrile	U		0.00361	0.0125	1	01/12/2025 22:58	WG2432038
Benzene	U		0.000467	0.00100	1	01/12/2025 22:58	WG2432038
Bromobenzene	U		0.000900	0.0125	1	01/12/2025 22:58	WG2432038
Bromodichloromethane	U		0.000725	0.00250	1	01/12/2025 22:58	WG2432038
Bromoform	U		0.00117	0.0250	1	01/12/2025 22:58	WG2432038
Bromomethane	U		0.00197	0.0125	1	01/12/2025 22:58	WG2432038
n-Butylbenzene	U		0.00525	0.0125	1	01/12/2025 22:58	WG2432038
sec-Butylbenzene	U		0.00288	0.0125	1	01/12/2025 22:58	WG2432038
tert-Butylbenzene	U		0.00195	0.00500	1	01/12/2025 22:58	WG2432038
Carbon tetrachloride	U		0.000898	0.00500	1	01/12/2025 22:58	WG2432038
Chlorobenzene	U		0.000210	0.00250	1	01/12/2025 22:58	WG2432038
Chlorodibromomethane	U		0.000612	0.00250	1	01/12/2025 22:58	WG2432038
Chloroethane	U		0.00170	0.00500	1	01/12/2025 22:58	WG2432038
Chloroform	U		0.00103	0.00250	1	01/12/2025 22:58	WG2432038
Chloromethane	U		0.00435	0.0125	1	01/12/2025 22:58	WG2432038
2-Chlorotoluene	U		0.000865	0.00250	1	01/12/2025 22:58	WG2432038
4-Chlorotoluene	U		0.000450	0.00500	1	01/12/2025 22:58	WG2432038
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/12/2025 22:58	WG2432038
1,2-Dibromoethane	U		0.000648	0.00250	1	01/12/2025 22:58	WG2432038
Dibromomethane	U		0.000750	0.00500	1	01/12/2025 22:58	WG2432038
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/12/2025 22:58	WG2432038
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/12/2025 22:58	WG2432038
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/12/2025 22:58	WG2432038
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/12/2025 22:58	WG2432038
1,1-Dichloroethane	U		0.000491	0.00250	1	01/12/2025 22:58	WG2432038
1,2-Dichloroethane	U		0.000649	0.00250	1	01/12/2025 22:58	WG2432038
1,1-Dichloroethene	U		0.000606	0.00250	1	01/12/2025 22:58	WG2432038
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/12/2025 22:58	WG2432038
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/12/2025 22:58	WG2432038
1,2-Dichloropropane	U		0.00142	0.00500	1	01/12/2025 22:58	WG2432038
1,1-Dichloropropene	U		0.000809	0.00250	1	01/12/2025 22:58	WG2432038
1,3-Dichloropropane	U		0.000501	0.00500	1	01/12/2025 22:58	WG2432038
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/12/2025 22:58	WG2432038
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/12/2025 22:58	WG2432038
2,2-Dichloropropane	U		0.00138	0.00250	1	01/12/2025 22:58	WG2432038
Di-isopropyl ether	U		0.000410	0.00100	1	01/12/2025 22:58	WG2432038
Ethylbenzene	U		0.000737	0.00250	1	01/12/2025 22:58	WG2432038
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/12/2025 22:58	WG2432038
Isopropylbenzene	U		0.000425	0.00250	1	01/12/2025 22:58	WG2432038
p-Isopropyltoluene	U		0.00255	0.00500	1	01/12/2025 22:58	WG2432038
2-Butanone (MEK)	U		0.0635	0.100	1	01/12/2025 22:58	WG2432038
Methylene Chloride	U		0.00664	0.0250	1	01/12/2025 22:58	WG2432038
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/12/2025 22:58	WG2432038
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/12/2025 22:58	WG2432038
Naphthalene	U		0.00488	0.0125	1	01/12/2025 22:58	WG2432038
n-Propylbenzene	U		0.000950	0.00500	1	01/12/2025 22:58	WG2432038
Styrene	U		0.000229	0.0125	1	01/12/2025 22:58	WG2432038
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/12/2025 22:58	WG2432038
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/12/2025 22:58	WG2432038
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/12/2025 22:58	WG2432038
Tetrachloroethene	U		0.000896	0.00250	1	01/12/2025 22:58	WG2432038
Toluene	U		0.00130	0.00500	1	01/12/2025 22:58	WG2432038
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/12/2025 22:58	WG2432038
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/12/2025 22:58	WG2432038
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/12/2025 22:58	WG2432038

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/12/2025 22:58	WG2432038
Trichloroethene	U		0.000584	0.00100	1	01/12/2025 22:58	WG2432038
Trichlorofluoromethane	U		0.000827	0.00250	1	01/12/2025 22:58	WG2432038
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/12/2025 22:58	WG2432038
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/12/2025 22:58	WG2432038
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/12/2025 22:58	WG2432038
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/12/2025 22:58	WG2432038
Vinyl chloride	U		0.00116	0.00250	1	01/12/2025 22:58	WG2432038
Xylenes, Total	U		0.000880	0.00650	1	01/12/2025 22:58	WG2432038
(S) Toluene-d8	*97.5*			*75.0-131*		*01/12/2025 22:58*	WG2432038
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*01/12/2025 22:58*	WG2432038
(S) 1,2-Dichloroethane-d4	*97.6*			*70.0-130*		*01/12/2025 22:58*	WG2432038

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/12/2025 23:17	WG2432038
Acrylonitrile	U		0.00361	0.0125	1	01/12/2025 23:17	WG2432038
Benzene	U		0.000467	0.00100	1	01/12/2025 23:17	WG2432038
Bromobenzene	U		0.000900	0.0125	1	01/12/2025 23:17	WG2432038
Bromodichloromethane	U		0.000725	0.00250	1	01/12/2025 23:17	WG2432038
Bromoform	U		0.00117	0.0250	1	01/12/2025 23:17	WG2432038
Bromomethane	U		0.00197	0.0125	1	01/12/2025 23:17	WG2432038
n-Butylbenzene	U		0.00525	0.0125	1	01/12/2025 23:17	WG2432038
sec-Butylbenzene	U		0.00288	0.0125	1	01/12/2025 23:17	WG2432038
tert-Butylbenzene	U		0.00195	0.00500	1	01/12/2025 23:17	WG2432038
Carbon tetrachloride	U		0.000898	0.00500	1	01/12/2025 23:17	WG2432038
Chlorobenzene	U		0.000210	0.00250	1	01/12/2025 23:17	WG2432038
Chlorodibromomethane	U		0.000612	0.00250	1	01/12/2025 23:17	WG2432038
Chloroethane	U		0.00170	0.00500	1	01/12/2025 23:17	WG2432038
Chloroform	U		0.00103	0.00250	1	01/12/2025 23:17	WG2432038
Chloromethane	U		0.00435	0.0125	1	01/12/2025 23:17	WG2432038
2-Chlorotoluene	U		0.000865	0.00250	1	01/12/2025 23:17	WG2432038
4-Chlorotoluene	U		0.000450	0.00500	1	01/12/2025 23:17	WG2432038
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/12/2025 23:17	WG2432038
1,2-Dibromoethane	U		0.000648	0.00250	1	01/12/2025 23:17	WG2432038
Dibromomethane	U		0.000750	0.00500	1	01/12/2025 23:17	WG2432038
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/12/2025 23:17	WG2432038
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/12/2025 23:17	WG2432038
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/12/2025 23:17	WG2432038
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/12/2025 23:17	WG2432038
1,1-Dichloroethane	U		0.000491	0.00250	1	01/12/2025 23:17	WG2432038
1,2-Dichloroethane	U		0.000649	0.00250	1	01/12/2025 23:17	WG2432038
1,1-Dichloroethene	U		0.000606	0.00250	1	01/12/2025 23:17	WG2432038
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/12/2025 23:17	WG2432038
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/12/2025 23:17	WG2432038
1,2-Dichloropropane	U		0.00142	0.00500	1	01/12/2025 23:17	WG2432038
1,1-Dichloropropene	U		0.000809	0.00250	1	01/12/2025 23:17	WG2432038
1,3-Dichloropropane	U		0.000501	0.00500	1	01/12/2025 23:17	WG2432038
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/12/2025 23:17	WG2432038
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/12/2025 23:17	WG2432038
2,2-Dichloropropane	U		0.00138	0.00250	1	01/12/2025 23:17	WG2432038
Di-isopropyl ether	U		0.000410	0.00100	1	01/12/2025 23:17	WG2432038
Ethylbenzene	U		0.000737	0.00250	1	01/12/2025 23:17	WG2432038
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/12/2025 23:17	WG2432038
Isopropylbenzene	U		0.000425	0.00250	1	01/12/2025 23:17	WG2432038
p-Isopropyltoluene	U		0.00255	0.00500	1	01/12/2025 23:17	WG2432038
2-Butanone (MEK)	U		0.0635	0.100	1	01/12/2025 23:17	WG2432038
Methylene Chloride	U		0.00664	0.0250	1	01/12/2025 23:17	WG2432038
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/12/2025 23:17	WG2432038
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/12/2025 23:17	WG2432038
Naphthalene	U		0.00488	0.0125	1	01/12/2025 23:17	WG2432038
n-Propylbenzene	U		0.000950	0.00500	1	01/12/2025 23:17	WG2432038
Styrene	U		0.000229	0.0125	1	01/12/2025 23:17	WG2432038
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/12/2025 23:17	WG2432038
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/12/2025 23:17	WG2432038
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/12/2025 23:17	WG2432038
Tetrachloroethene	U		0.000896	0.00250	1	01/12/2025 23:17	WG2432038
Toluene	U		0.00130	0.00500	1	01/12/2025 23:17	WG2432038
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/12/2025 23:17	WG2432038
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/12/2025 23:17	WG2432038
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/12/2025 23:17	WG2432038

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/12/2025 23:17	WG2432038
Trichloroethene	U		0.000584	0.00100	1	01/12/2025 23:17	WG2432038
Trichlorofluoromethane	U		0.000827	0.00250	1	01/12/2025 23:17	WG2432038
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/12/2025 23:17	WG2432038
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/12/2025 23:17	WG2432038
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/12/2025 23:17	WG2432038
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/12/2025 23:17	WG2432038
Vinyl chloride	U		0.00116	0.00250	1	01/12/2025 23:17	WG2432038
Xylenes, Total	U		0.000880	0.00650	1	01/12/2025 23:17	WG2432038
(S) Toluene-d8	*98.3*			*75.0-131*		*01/12/2025 23:17*	WG2432038
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*01/12/2025 23:17*	WG2432038
(S) 1,2-Dichloroethane-d4	*99.2*			*70.0-130*		*01/12/2025 23:17*	WG2432038

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/12/2025 23:37	WG2432038
Acrylonitrile	U		0.00361	0.0125	1	01/12/2025 23:37	WG2432038
Benzene	U		0.000467	0.00100	1	01/12/2025 23:37	WG2432038
Bromobenzene	U		0.000900	0.0125	1	01/12/2025 23:37	WG2432038
Bromodichloromethane	U		0.000725	0.00250	1	01/12/2025 23:37	WG2432038
Bromoform	U		0.00117	0.0250	1	01/12/2025 23:37	WG2432038
Bromomethane	U		0.00197	0.0125	1	01/12/2025 23:37	WG2432038
n-Butylbenzene	U		0.00525	0.0125	1	01/12/2025 23:37	WG2432038
sec-Butylbenzene	U		0.00288	0.0125	1	01/12/2025 23:37	WG2432038
tert-Butylbenzene	U		0.00195	0.00500	1	01/12/2025 23:37	WG2432038
Carbon tetrachloride	U		0.000898	0.00500	1	01/12/2025 23:37	WG2432038
Chlorobenzene	U		0.000210	0.00250	1	01/12/2025 23:37	WG2432038
Chlorodibromomethane	U		0.000612	0.00250	1	01/12/2025 23:37	WG2432038
Chloroethane	U		0.00170	0.00500	1	01/12/2025 23:37	WG2432038
Chloroform	U		0.00103	0.00250	1	01/12/2025 23:37	WG2432038
Chloromethane	U		0.00435	0.0125	1	01/12/2025 23:37	WG2432038
2-Chlorotoluene	U		0.000865	0.00250	1	01/12/2025 23:37	WG2432038
4-Chlorotoluene	U		0.000450	0.00500	1	01/12/2025 23:37	WG2432038
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/12/2025 23:37	WG2432038
1,2-Dibromoethane	U		0.000648	0.00250	1	01/12/2025 23:37	WG2432038
Dibromomethane	U		0.000750	0.00500	1	01/12/2025 23:37	WG2432038
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/12/2025 23:37	WG2432038
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/12/2025 23:37	WG2432038
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/12/2025 23:37	WG2432038
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/12/2025 23:37	WG2432038
1,1-Dichloroethane	U		0.000491	0.00250	1	01/12/2025 23:37	WG2432038
1,2-Dichloroethane	U		0.000649	0.00250	1	01/12/2025 23:37	WG2432038
1,1-Dichloroethene	U		0.000606	0.00250	1	01/12/2025 23:37	WG2432038
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/12/2025 23:37	WG2432038
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/12/2025 23:37	WG2432038
1,2-Dichloropropane	U		0.00142	0.00500	1	01/12/2025 23:37	WG2432038
1,1-Dichloropropene	U		0.000809	0.00250	1	01/12/2025 23:37	WG2432038
1,3-Dichloropropane	U		0.000501	0.00500	1	01/12/2025 23:37	WG2432038
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/12/2025 23:37	WG2432038
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/12/2025 23:37	WG2432038
2,2-Dichloropropane	U		0.00138	0.00250	1	01/12/2025 23:37	WG2432038
Di-isopropyl ether	U		0.000410	0.00100	1	01/12/2025 23:37	WG2432038
Ethylbenzene	U		0.000737	0.00250	1	01/12/2025 23:37	WG2432038
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/12/2025 23:37	WG2432038
Isopropylbenzene	U		0.000425	0.00250	1	01/12/2025 23:37	WG2432038
p-Isopropyltoluene	U		0.00255	0.00500	1	01/12/2025 23:37	WG2432038
2-Butanone (MEK)	U		0.0635	0.100	1	01/12/2025 23:37	WG2432038
Methylene Chloride	U		0.00664	0.0250	1	01/12/2025 23:37	WG2432038
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/12/2025 23:37	WG2432038
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/12/2025 23:37	WG2432038
Naphthalene	U		0.00488	0.0125	1	01/12/2025 23:37	WG2432038
n-Propylbenzene	U		0.000950	0.00500	1	01/12/2025 23:37	WG2432038
Styrene	U		0.000229	0.0125	1	01/12/2025 23:37	WG2432038
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/12/2025 23:37	WG2432038
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/12/2025 23:37	WG2432038
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/12/2025 23:37	WG2432038
Tetrachloroethene	U		0.000896	0.00250	1	01/12/2025 23:37	WG2432038
Toluene	U		0.00130	0.00500	1	01/12/2025 23:37	WG2432038
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/12/2025 23:37	WG2432038
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/12/2025 23:37	WG2432038
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/12/2025 23:37	WG2432038

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/12/2025 23:37	WG2432038
Trichloroethene	U		0.000584	0.00100	1	01/12/2025 23:37	WG2432038
Trichlorofluoromethane	U		0.000827	0.00250	1	01/12/2025 23:37	WG2432038
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/12/2025 23:37	WG2432038
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/12/2025 23:37	WG2432038
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/12/2025 23:37	WG2432038
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/12/2025 23:37	WG2432038
Vinyl chloride	U		0.00116	0.00250	1	01/12/2025 23:37	WG2432038
Xylenes, Total	U		0.000880	0.00650	1	01/12/2025 23:37	WG2432038
(S) Toluene-d8	*97.8*			*75.0-131*		*01/12/2025 23:37*	WG2432038
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*01/12/2025 23:37*	WG2432038
(S) 1,2-Dichloroethane-d4	*95.6*			*70.0-130*		*01/12/2025 23:37*	WG2432038

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/12/2025 23:57	WG2432038
Acrylonitrile	U		0.00361	0.0125	1	01/12/2025 23:57	WG2432038
Benzene	U		0.000467	0.00100	1	01/12/2025 23:57	WG2432038
Bromobenzene	U		0.000900	0.0125	1	01/12/2025 23:57	WG2432038
Bromodichloromethane	U		0.000725	0.00250	1	01/12/2025 23:57	WG2432038
Bromoform	U		0.00117	0.0250	1	01/12/2025 23:57	WG2432038
Bromomethane	U		0.00197	0.0125	1	01/12/2025 23:57	WG2432038
n-Butylbenzene	U		0.00525	0.0125	1	01/12/2025 23:57	WG2432038
sec-Butylbenzene	U		0.00288	0.0125	1	01/12/2025 23:57	WG2432038
tert-Butylbenzene	U		0.00195	0.00500	1	01/12/2025 23:57	WG2432038
Carbon tetrachloride	U		0.000898	0.00500	1	01/12/2025 23:57	WG2432038
Chlorobenzene	U		0.000210	0.00250	1	01/12/2025 23:57	WG2432038
Chlorodibromomethane	U		0.000612	0.00250	1	01/12/2025 23:57	WG2432038
Chloroethane	U		0.00170	0.00500	1	01/12/2025 23:57	WG2432038
Chloroform	U		0.00103	0.00250	1	01/12/2025 23:57	WG2432038
Chloromethane	U		0.00435	0.0125	1	01/12/2025 23:57	WG2432038
2-Chlorotoluene	U		0.000865	0.00250	1	01/12/2025 23:57	WG2432038
4-Chlorotoluene	U		0.000450	0.00500	1	01/12/2025 23:57	WG2432038
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/12/2025 23:57	WG2432038
1,2-Dibromoethane	U		0.000648	0.00250	1	01/12/2025 23:57	WG2432038
Dibromomethane	U		0.000750	0.00500	1	01/12/2025 23:57	WG2432038
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/12/2025 23:57	WG2432038
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/12/2025 23:57	WG2432038
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/12/2025 23:57	WG2432038
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/12/2025 23:57	WG2432038
1,1-Dichloroethane	U		0.000491	0.00250	1	01/12/2025 23:57	WG2432038
1,2-Dichloroethane	U		0.000649	0.00250	1	01/12/2025 23:57	WG2432038
1,1-Dichloroethene	U		0.000606	0.00250	1	01/12/2025 23:57	WG2432038
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/12/2025 23:57	WG2432038
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/12/2025 23:57	WG2432038
1,2-Dichloropropane	U		0.00142	0.00500	1	01/12/2025 23:57	WG2432038
1,1-Dichloropropene	U		0.000809	0.00250	1	01/12/2025 23:57	WG2432038
1,3-Dichloropropane	U		0.000501	0.00500	1	01/12/2025 23:57	WG2432038
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/12/2025 23:57	WG2432038
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/12/2025 23:57	WG2432038
2,2-Dichloropropane	U		0.00138	0.00250	1	01/12/2025 23:57	WG2432038
Di-isopropyl ether	U		0.000410	0.00100	1	01/12/2025 23:57	WG2432038
Ethylbenzene	U		0.000737	0.00250	1	01/12/2025 23:57	WG2432038
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/12/2025 23:57	WG2432038
Isopropylbenzene	U		0.000425	0.00250	1	01/12/2025 23:57	WG2432038
p-Isopropyltoluene	U		0.00255	0.00500	1	01/12/2025 23:57	WG2432038
2-Butanone (MEK)	U		0.0635	0.100	1	01/12/2025 23:57	WG2432038
Methylene Chloride	U		0.00664	0.0250	1	01/12/2025 23:57	WG2432038
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/12/2025 23:57	WG2432038
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/12/2025 23:57	WG2432038
Naphthalene	U		0.00488	0.0125	1	01/12/2025 23:57	WG2432038
n-Propylbenzene	U		0.000950	0.00500	1	01/12/2025 23:57	WG2432038
Styrene	U		0.000229	0.0125	1	01/12/2025 23:57	WG2432038
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/12/2025 23:57	WG2432038
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/12/2025 23:57	WG2432038
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/12/2025 23:57	WG2432038
Tetrachloroethene	U		0.000896	0.00250	1	01/12/2025 23:57	WG2432038
Toluene	U		0.00130	0.00500	1	01/12/2025 23:57	WG2432038
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/12/2025 23:57	WG2432038
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/12/2025 23:57	WG2432038
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/12/2025 23:57	WG2432038

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/12/2025 23:57	WG2432038
Trichloroethene	U		0.000584	0.00100	1	01/12/2025 23:57	WG2432038
Trichlorofluoromethane	U		0.000827	0.00250	1	01/12/2025 23:57	WG2432038
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/12/2025 23:57	WG2432038
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/12/2025 23:57	WG2432038
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/12/2025 23:57	WG2432038
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/12/2025 23:57	WG2432038
Vinyl chloride	U		0.00116	0.00250	1	01/12/2025 23:57	WG2432038
Xylenes, Total	U		0.000880	0.00650	1	01/12/2025 23:57	WG2432038
(S) Toluene-d8	*98.0*			*75.0-131*		*01/12/2025 23:57*	WG2432038
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*01/12/2025 23:57*	WG2432038
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*01/12/2025 23:57*	WG2432038

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0365	0.0500	1	01/13/2025 00:16	WG2432038
Acrylonitrile	U		0.00361	0.0125	1	01/13/2025 00:16	WG2432038
Benzene	U		0.000467	0.00100	1	01/13/2025 00:16	WG2432038
Bromobenzene	U		0.000900	0.0125	1	01/13/2025 00:16	WG2432038
Bromodichloromethane	U		0.000725	0.00250	1	01/13/2025 00:16	WG2432038
Bromoform	U		0.00117	0.0250	1	01/13/2025 00:16	WG2432038
Bromomethane	U		0.00197	0.0125	1	01/13/2025 00:16	WG2432038
n-Butylbenzene	U		0.00525	0.0125	1	01/13/2025 00:16	WG2432038
sec-Butylbenzene	U		0.00288	0.0125	1	01/13/2025 00:16	WG2432038
tert-Butylbenzene	U		0.00195	0.00500	1	01/13/2025 00:16	WG2432038
Carbon tetrachloride	U		0.000898	0.00500	1	01/13/2025 00:16	WG2432038
Chlorobenzene	U		0.000210	0.00250	1	01/13/2025 00:16	WG2432038
Chlorodibromomethane	U		0.000612	0.00250	1	01/13/2025 00:16	WG2432038
Chloroethane	U		0.00170	0.00500	1	01/13/2025 00:16	WG2432038
Chloroform	U		0.00103	0.00250	1	01/13/2025 00:16	WG2432038
Chloromethane	U		0.00435	0.0125	1	01/13/2025 00:16	WG2432038
2-Chlorotoluene	U		0.000865	0.00250	1	01/13/2025 00:16	WG2432038
4-Chlorotoluene	U		0.000450	0.00500	1	01/13/2025 00:16	WG2432038
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/13/2025 00:16	WG2432038
1,2-Dibromoethane	U		0.000648	0.00250	1	01/13/2025 00:16	WG2432038
Dibromomethane	U		0.000750	0.00500	1	01/13/2025 00:16	WG2432038
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/13/2025 00:16	WG2432038
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/13/2025 00:16	WG2432038
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/13/2025 00:16	WG2432038
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/13/2025 00:16	WG2432038
1,1-Dichloroethane	U		0.000491	0.00250	1	01/13/2025 00:16	WG2432038
1,2-Dichloroethane	U		0.000649	0.00250	1	01/13/2025 00:16	WG2432038
1,1-Dichloroethene	U		0.000606	0.00250	1	01/13/2025 00:16	WG2432038
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/13/2025 00:16	WG2432038
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/13/2025 00:16	WG2432038
1,2-Dichloropropane	U		0.00142	0.00500	1	01/13/2025 00:16	WG2432038
1,1-Dichloropropene	U		0.000809	0.00250	1	01/13/2025 00:16	WG2432038
1,3-Dichloropropane	U		0.000501	0.00500	1	01/13/2025 00:16	WG2432038
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/13/2025 00:16	WG2432038
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/13/2025 00:16	WG2432038
2,2-Dichloropropane	U		0.00138	0.00250	1	01/13/2025 00:16	WG2432038
Di-isopropyl ether	U		0.000410	0.00100	1	01/13/2025 00:16	WG2432038
Ethylbenzene	U		0.000737	0.00250	1	01/13/2025 00:16	WG2432038
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/13/2025 00:16	WG2432038
Isopropylbenzene	U		0.000425	0.00250	1	01/13/2025 00:16	WG2432038
p-Isopropyltoluene	U		0.00255	0.00500	1	01/13/2025 00:16	WG2432038
2-Butanone (MEK)	U		0.0635	0.100	1	01/13/2025 00:16	WG2432038
Methylene Chloride	U		0.00664	0.0250	1	01/13/2025 00:16	WG2432038
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/13/2025 00:16	WG2432038
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/13/2025 00:16	WG2432038
Naphthalene	U		0.00488	0.0125	1	01/13/2025 00:16	WG2432038
n-Propylbenzene	U		0.000950	0.00500	1	01/13/2025 00:16	WG2432038
Styrene	U		0.000229	0.0125	1	01/13/2025 00:16	WG2432038
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/13/2025 00:16	WG2432038
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/13/2025 00:16	WG2432038
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/13/2025 00:16	WG2432038
Tetrachloroethene	U		0.000896	0.00250	1	01/13/2025 00:16	WG2432038
Toluene	U		0.00130	0.00500	1	01/13/2025 00:16	WG2432038
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/13/2025 00:16	WG2432038
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/13/2025 00:16	WG2432038
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/13/2025 00:16	WG2432038

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/13/2025 00:16	WG2432038
Trichloroethene	U		0.000584	0.00100	1	01/13/2025 00:16	WG2432038
Trichlorofluoromethane	U		0.000827	0.00250	1	01/13/2025 00:16	WG2432038
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/13/2025 00:16	WG2432038
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/13/2025 00:16	WG2432038
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/13/2025 00:16	WG2432038
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/13/2025 00:16	WG2432038
Vinyl chloride	U		0.00116	0.00250	1	01/13/2025 00:16	WG2432038
Xylenes, Total	U		0.000880	0.00650	1	01/13/2025 00:16	WG2432038
(S) Toluene-d8	*98.0*			*75.0-131*		*01/13/2025 00:16*	WG2432038
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*01/13/2025 00:16*	WG2432038
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*01/13/2025 00:16*	WG2432038

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/13/2025 00:36	WG2432038
Acrylonitrile	U		0.00361	0.0125	1	01/13/2025 00:36	WG2432038
Benzene	U		0.000467	0.00100	1	01/13/2025 00:36	WG2432038
Bromobenzene	U		0.000900	0.0125	1	01/13/2025 00:36	WG2432038
Bromodichloromethane	U		0.000725	0.00250	1	01/13/2025 00:36	WG2432038
Bromoform	U		0.00117	0.0250	1	01/13/2025 00:36	WG2432038
Bromomethane	U		0.00197	0.0125	1	01/13/2025 00:36	WG2432038
n-Butylbenzene	U		0.00525	0.0125	1	01/13/2025 00:36	WG2432038
sec-Butylbenzene	U		0.00288	0.0125	1	01/13/2025 00:36	WG2432038
tert-Butylbenzene	U		0.00195	0.00500	1	01/13/2025 00:36	WG2432038
Carbon tetrachloride	U		0.000898	0.00500	1	01/13/2025 00:36	WG2432038
Chlorobenzene	U		0.000210	0.00250	1	01/13/2025 00:36	WG2432038
Chlorodibromomethane	U		0.000612	0.00250	1	01/13/2025 00:36	WG2432038
Chloroethane	U		0.00170	0.00500	1	01/13/2025 00:36	WG2432038
Chloroform	U		0.00103	0.00250	1	01/13/2025 00:36	WG2432038
Chloromethane	U		0.00435	0.0125	1	01/13/2025 00:36	WG2432038
2-Chlorotoluene	U		0.000865	0.00250	1	01/13/2025 00:36	WG2432038
4-Chlorotoluene	U		0.000450	0.00500	1	01/13/2025 00:36	WG2432038
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/13/2025 00:36	WG2432038
1,2-Dibromoethane	U		0.000648	0.00250	1	01/13/2025 00:36	WG2432038
Dibromomethane	U		0.000750	0.00500	1	01/13/2025 00:36	WG2432038
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/13/2025 00:36	WG2432038
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/13/2025 00:36	WG2432038
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/13/2025 00:36	WG2432038
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/13/2025 00:36	WG2432038
1,1-Dichloroethane	U		0.000491	0.00250	1	01/13/2025 00:36	WG2432038
1,2-Dichloroethane	U		0.000649	0.00250	1	01/13/2025 00:36	WG2432038
1,1-Dichloroethene	U		0.000606	0.00250	1	01/13/2025 00:36	WG2432038
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/13/2025 00:36	WG2432038
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/13/2025 00:36	WG2432038
1,2-Dichloropropane	U		0.00142	0.00500	1	01/13/2025 00:36	WG2432038
1,1-Dichloropropene	U		0.000809	0.00250	1	01/13/2025 00:36	WG2432038
1,3-Dichloropropane	U		0.000501	0.00500	1	01/13/2025 00:36	WG2432038
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/13/2025 00:36	WG2432038
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/13/2025 00:36	WG2432038
2,2-Dichloropropane	U		0.00138	0.00250	1	01/13/2025 00:36	WG2432038
Di-isopropyl ether	U		0.000410	0.00100	1	01/13/2025 00:36	WG2432038
Ethylbenzene	U		0.000737	0.00250	1	01/13/2025 00:36	WG2432038
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/13/2025 00:36	WG2432038
Isopropylbenzene	U		0.000425	0.00250	1	01/13/2025 00:36	WG2432038
p-Isopropyltoluene	U		0.00255	0.00500	1	01/13/2025 00:36	WG2432038
2-Butanone (MEK)	U		0.0635	0.100	1	01/13/2025 00:36	WG2432038
Methylene Chloride	U		0.00664	0.0250	1	01/13/2025 00:36	WG2432038
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/13/2025 00:36	WG2432038
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/13/2025 00:36	WG2432038
Naphthalene	U		0.00488	0.0125	1	01/13/2025 00:36	WG2432038
n-Propylbenzene	U		0.000950	0.00500	1	01/13/2025 00:36	WG2432038
Styrene	U		0.000229	0.0125	1	01/13/2025 00:36	WG2432038
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/13/2025 00:36	WG2432038
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/13/2025 00:36	WG2432038
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/13/2025 00:36	WG2432038
Tetrachloroethene	U		0.000896	0.00250	1	01/13/2025 00:36	WG2432038
Toluene	U		0.00130	0.00500	1	01/13/2025 00:36	WG2432038
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/13/2025 00:36	WG2432038
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/13/2025 00:36	WG2432038
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/13/2025 00:36	WG2432038

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/13/2025 00:36	WG2432038
Trichloroethene	U		0.000584	0.00100	1	01/13/2025 00:36	WG2432038
Trichlorofluoromethane	U		0.000827	0.00250	1	01/13/2025 00:36	WG2432038
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/13/2025 00:36	WG2432038
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/13/2025 00:36	WG2432038
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/13/2025 00:36	WG2432038
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/13/2025 00:36	WG2432038
Vinyl chloride	U		0.00116	0.00250	1	01/13/2025 00:36	WG2432038
Xylenes, Total	U		0.000880	0.00650	1	01/13/2025 00:36	WG2432038
(S) Toluene-d8	*99.1*			*75.0-131*		*01/13/2025 00:36*	WG2432038
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*01/13/2025 00:36*	WG2432038
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*01/13/2025 00:36*	WG2432038

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/13/2025 00:55	WG2432038
Acrylonitrile	U		0.00361	0.0125	1	01/13/2025 00:55	WG2432038
Benzene	U		0.000467	0.00100	1	01/13/2025 00:55	WG2432038
Bromobenzene	U		0.000900	0.0125	1	01/13/2025 00:55	WG2432038
Bromodichloromethane	U		0.000725	0.00250	1	01/13/2025 00:55	WG2432038
Bromoform	U		0.00117	0.0250	1	01/13/2025 00:55	WG2432038
Bromomethane	U		0.00197	0.0125	1	01/13/2025 00:55	WG2432038
n-Butylbenzene	U		0.00525	0.0125	1	01/13/2025 00:55	WG2432038
sec-Butylbenzene	U		0.00288	0.0125	1	01/13/2025 00:55	WG2432038
tert-Butylbenzene	U		0.00195	0.00500	1	01/13/2025 00:55	WG2432038
Carbon tetrachloride	U		0.000898	0.00500	1	01/13/2025 00:55	WG2432038
Chlorobenzene	U		0.000210	0.00250	1	01/13/2025 00:55	WG2432038
Chlorodibromomethane	U		0.000612	0.00250	1	01/13/2025 00:55	WG2432038
Chloroethane	U		0.00170	0.00500	1	01/13/2025 00:55	WG2432038
Chloroform	U		0.00103	0.00250	1	01/13/2025 00:55	WG2432038
Chloromethane	U		0.00435	0.0125	1	01/13/2025 00:55	WG2432038
2-Chlorotoluene	U		0.000865	0.00250	1	01/13/2025 00:55	WG2432038
4-Chlorotoluene	U		0.000450	0.00500	1	01/13/2025 00:55	WG2432038
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/13/2025 00:55	WG2432038
1,2-Dibromoethane	U		0.000648	0.00250	1	01/13/2025 00:55	WG2432038
Dibromomethane	U		0.000750	0.00500	1	01/13/2025 00:55	WG2432038
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/13/2025 00:55	WG2432038
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/13/2025 00:55	WG2432038
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/13/2025 00:55	WG2432038
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/13/2025 00:55	WG2432038
1,1-Dichloroethane	U		0.000491	0.00250	1	01/13/2025 00:55	WG2432038
1,2-Dichloroethane	U		0.000649	0.00250	1	01/13/2025 00:55	WG2432038
1,1-Dichloroethene	U		0.000606	0.00250	1	01/13/2025 00:55	WG2432038
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/13/2025 00:55	WG2432038
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/13/2025 00:55	WG2432038
1,2-Dichloropropane	U		0.00142	0.00500	1	01/13/2025 00:55	WG2432038
1,1-Dichloropropene	U		0.000809	0.00250	1	01/13/2025 00:55	WG2432038
1,3-Dichloropropane	U		0.000501	0.00500	1	01/13/2025 00:55	WG2432038
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/13/2025 00:55	WG2432038
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/13/2025 00:55	WG2432038
2,2-Dichloropropane	U		0.00138	0.00250	1	01/13/2025 00:55	WG2432038
Di-isopropyl ether	U		0.000410	0.00100	1	01/13/2025 00:55	WG2432038
Ethylbenzene	U		0.000737	0.00250	1	01/13/2025 00:55	WG2432038
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/13/2025 00:55	WG2432038
Isopropylbenzene	U		0.000425	0.00250	1	01/13/2025 00:55	WG2432038
p-Isopropyltoluene	U		0.00255	0.00500	1	01/13/2025 00:55	WG2432038
2-Butanone (MEK)	U		0.0635	0.100	1	01/13/2025 00:55	WG2432038
Methylene Chloride	U		0.00664	0.0250	1	01/13/2025 00:55	WG2432038
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/13/2025 00:55	WG2432038
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/13/2025 00:55	WG2432038
Naphthalene	U		0.00488	0.0125	1	01/13/2025 00:55	WG2432038
n-Propylbenzene	U		0.000950	0.00500	1	01/13/2025 00:55	WG2432038
Styrene	U		0.000229	0.0125	1	01/13/2025 00:55	WG2432038
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/13/2025 00:55	WG2432038
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/13/2025 00:55	WG2432038
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/13/2025 00:55	WG2432038
Tetrachloroethene	U		0.000896	0.00250	1	01/13/2025 00:55	WG2432038
Toluene	U		0.00130	0.00500	1	01/13/2025 00:55	WG2432038
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/13/2025 00:55	WG2432038
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/13/2025 00:55	WG2432038
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/13/2025 00:55	WG2432038

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/13/2025 00:55	WG2432038
Trichloroethene	U		0.000584	0.00100	1	01/13/2025 00:55	WG2432038
Trichlorofluoromethane	U		0.000827	0.00250	1	01/13/2025 00:55	WG2432038
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/13/2025 00:55	WG2432038
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/13/2025 00:55	WG2432038
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/13/2025 00:55	WG2432038
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/13/2025 00:55	WG2432038
Vinyl chloride	U		0.00116	0.00250	1	01/13/2025 00:55	WG2432038
Xylenes, Total	U		0.000880	0.00650	1	01/13/2025 00:55	WG2432038
(S) Toluene-d8	*97.9*			*75.0-131*		*01/13/2025 00:55*	WG2432038
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*01/13/2025 00:55*	WG2432038
(S) 1,2-Dichloroethane-d4	*95.1*			*70.0-130*		*01/13/2025 00:55*	WG2432038

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/13/2025 01:15	WG2432038
Acrylonitrile	U		0.00361	0.0125	1	01/13/2025 01:15	WG2432038
Benzene	U		0.000467	0.00100	1	01/13/2025 01:15	WG2432038
Bromobenzene	U		0.000900	0.0125	1	01/13/2025 01:15	WG2432038
Bromodichloromethane	U		0.000725	0.00250	1	01/13/2025 01:15	WG2432038
Bromoform	U		0.00117	0.0250	1	01/13/2025 01:15	WG2432038
Bromomethane	U		0.00197	0.0125	1	01/13/2025 01:15	WG2432038
n-Butylbenzene	U		0.00525	0.0125	1	01/13/2025 01:15	WG2432038
sec-Butylbenzene	U		0.00288	0.0125	1	01/13/2025 01:15	WG2432038
tert-Butylbenzene	U		0.00195	0.00500	1	01/13/2025 01:15	WG2432038
Carbon tetrachloride	U		0.000898	0.00500	1	01/13/2025 01:15	WG2432038
Chlorobenzene	U		0.000210	0.00250	1	01/13/2025 01:15	WG2432038
Chlorodibromomethane	U		0.000612	0.00250	1	01/13/2025 01:15	WG2432038
Chloroethane	U		0.00170	0.00500	1	01/13/2025 01:15	WG2432038
Chloroform	U		0.00103	0.00250	1	01/13/2025 01:15	WG2432038
Chloromethane	U		0.00435	0.0125	1	01/13/2025 01:15	WG2432038
2-Chlorotoluene	U		0.000865	0.00250	1	01/13/2025 01:15	WG2432038
4-Chlorotoluene	U		0.000450	0.00500	1	01/13/2025 01:15	WG2432038
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/13/2025 01:15	WG2432038
1,2-Dibromoethane	U		0.000648	0.00250	1	01/13/2025 01:15	WG2432038
Dibromomethane	U		0.000750	0.00500	1	01/13/2025 01:15	WG2432038
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/13/2025 01:15	WG2432038
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/13/2025 01:15	WG2432038
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/13/2025 01:15	WG2432038
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/13/2025 01:15	WG2432038
1,1-Dichloroethane	U		0.000491	0.00250	1	01/13/2025 01:15	WG2432038
1,2-Dichloroethane	U		0.000649	0.00250	1	01/13/2025 01:15	WG2432038
1,1-Dichloroethene	U		0.000606	0.00250	1	01/13/2025 01:15	WG2432038
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/13/2025 01:15	WG2432038
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/13/2025 01:15	WG2432038
1,2-Dichloropropane	U		0.00142	0.00500	1	01/13/2025 01:15	WG2432038
1,1-Dichloropropene	U		0.000809	0.00250	1	01/13/2025 01:15	WG2432038
1,3-Dichloropropane	U		0.000501	0.00500	1	01/13/2025 01:15	WG2432038
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/13/2025 01:15	WG2432038
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/13/2025 01:15	WG2432038
2,2-Dichloropropane	U		0.00138	0.00250	1	01/13/2025 01:15	WG2432038
Di-isopropyl ether	U		0.000410	0.00100	1	01/13/2025 01:15	WG2432038
Ethylbenzene	U		0.000737	0.00250	1	01/13/2025 01:15	WG2432038
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/13/2025 01:15	WG2432038
Isopropylbenzene	U		0.000425	0.00250	1	01/13/2025 01:15	WG2432038
p-Isopropyltoluene	U		0.00255	0.00500	1	01/13/2025 01:15	WG2432038
2-Butanone (MEK)	U		0.0635	0.100	1	01/13/2025 01:15	WG2432038
Methylene Chloride	U		0.00664	0.0250	1	01/13/2025 01:15	WG2432038
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/13/2025 01:15	WG2432038
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/13/2025 01:15	WG2432038
Naphthalene	U		0.00488	0.0125	1	01/13/2025 01:15	WG2432038
n-Propylbenzene	U		0.000950	0.00500	1	01/13/2025 01:15	WG2432038
Styrene	U		0.000229	0.0125	1	01/13/2025 01:15	WG2432038
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/13/2025 01:15	WG2432038
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/13/2025 01:15	WG2432038
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/13/2025 01:15	WG2432038
Tetrachloroethene	U		0.000896	0.00250	1	01/13/2025 01:15	WG2432038
Toluene	U		0.00130	0.00500	1	01/13/2025 01:15	WG2432038
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/13/2025 01:15	WG2432038
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/13/2025 01:15	WG2432038
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/13/2025 01:15	WG2432038

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/13/2025 01:15	WG2432038
Trichloroethene	U		0.000584	0.00100	1	01/13/2025 01:15	WG2432038
Trichlorofluoromethane	U		0.000827	0.00250	1	01/13/2025 01:15	WG2432038
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/13/2025 01:15	WG2432038
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/13/2025 01:15	WG2432038
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/13/2025 01:15	WG2432038
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/13/2025 01:15	WG2432038
Vinyl chloride	U		0.00116	0.00250	1	01/13/2025 01:15	WG2432038
Xylenes, Total	U		0.000880	0.00650	1	01/13/2025 01:15	WG2432038
(S) Toluene-d8	*97.4*			*75.0-131*		*01/13/2025 01:15*	WG2432038
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*01/13/2025 01:15*	WG2432038
(S) 1,2-Dichloroethane-d4	*93.5*			*70.0-130*		*01/13/2025 01:15*	WG2432038

Method Blank (MB)

(MB) R4166332-2 01/12/25 20:01

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4166332-2 01/12/25 20:01

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,2,3-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*99.4*			*75.0-131*
(S) 4-Bromofluorobenzene	*97.1*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4166332-1 01/12/25 18:45

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.625	0.446	71.4	10.0-160	
Acrylonitrile	0.625	0.471	75.4	45.0-153	
Benzene	0.125	0.124	99.2	70.0-123	
Bromobenzene	0.125	0.132	106	73.0-121	
Bromodichloromethane	0.125	0.130	104	73.0-121	

Laboratory Control Sample (LCS)

(LCS) R4166332-1 01/12/25 18:45

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromoform	0.125	0.112	89.6	64.0-132	
Bromomethane	0.125	0.128	102	56.0-147	
n-Butylbenzene	0.125	0.126	101	68.0-135	
sec-Butylbenzene	0.125	0.137	110	74.0-130	
tert-Butylbenzene	0.125	0.143	114	75.0-127	
Carbon tetrachloride	0.125	0.135	108	66.0-128	
Chlorobenzene	0.125	0.121	96.8	76.0-128	
Chlorodibromomethane	0.125	0.125	100	74.0-127	
Chloroethane	0.125	0.121	96.8	61.0-134	
Chloroform	0.125	0.113	90.4	72.0-123	
Chloromethane	0.125	0.125	100	51.0-138	
2-Chlorotoluene	0.125	0.137	110	75.0-124	
4-Chlorotoluene	0.125	0.128	102	75.0-124	
1,2-Dibromo-3-Chloropropane	0.125	0.107	85.6	59.0-130	
1,2-Dibromoethane	0.125	0.127	102	74.0-128	
Dibromomethane	0.125	0.119	95.2	75.0-122	
1,2-Dichlorobenzene	0.125	0.122	97.6	76.0-124	
1,3-Dichlorobenzene	0.125	0.131	105	76.0-125	
1,4-Dichlorobenzene	0.125	0.118	94.4	77.0-121	
Dichlorodifluoromethane	0.125	0.133	106	43.0-156	
1,1-Dichloroethane	0.125	0.128	102	70.0-127	
1,2-Dichloroethane	0.125	0.132	106	65.0-131	
1,1-Dichloroethene	0.125	0.121	96.8	65.0-131	
cis-1,2-Dichloroethene	0.125	0.117	93.6	73.0-125	
trans-1,2-Dichloroethene	0.125	0.118	94.4	71.0-125	
1,2-Dichloropropane	0.125	0.138	110	74.0-125	
1,1-Dichloropropene	0.125	0.134	107	73.0-125	
1,3-Dichloropropane	0.125	0.130	104	80.0-125	
cis-1,3-Dichloropropene	0.125	0.140	112	76.0-127	
trans-1,3-Dichloropropene	0.125	0.134	107	73.0-127	
2,2-Dichloropropane	0.125	0.157	126	59.0-135	
Di-isopropyl ether	0.125	0.127	102	60.0-136	
Ethylbenzene	0.125	0.115	92.0	74.0-126	
Hexachloro-1,3-butadiene	0.125	0.114	91.2	57.0-150	
Isopropylbenzene	0.125	0.131	105	72.0-127	
p-Isopropyltoluene	0.125	0.139	111	72.0-133	
2-Butanone (MEK)	0.625	0.627	100	30.0-160	
Methylene Chloride	0.125	0.106	84.8	68.0-123	
4-Methyl-2-pentanone (MIBK)	0.625	0.618	98.9	56.0-143	
Methyl tert-butyl ether	0.125	0.122	97.6	66.0-132	

Laboratory Control Sample (LCS)

(LCS) R4166332-1 01/12/25 18:45

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Naphthalene	0.125	0.107	85.6	59.0-130	
n-Propylbenzene	0.125	0.135	108	74.0-126	
Styrene	0.125	0.131	105	72.0-127	
1,1,1,2-Tetrachloroethane	0.125	0.124	99.2	74.0-129	
1,1,2,2-Tetrachloroethane	0.125	0.129	103	68.0-128	
1,1,2-Trichlorotrifluoroethane	0.125	0.117	93.6	61.0-139	
Tetrachloroethene	0.125	0.128	102	70.0-136	
Toluene	0.125	0.123	98.4	75.0-121	
1,2,3-Trichlorobenzene	0.125	0.111	88.8	59.0-139	
1,2,4-Trichlorobenzene	0.125	0.122	97.6	62.0-137	
1,1,1-Trichloroethane	0.125	0.131	105	69.0-126	
1,1,2-Trichloroethane	0.125	0.125	100	78.0-123	
Trichloroethene	0.125	0.128	102	76.0-126	
Trichlorofluoromethane	0.125	0.127	102	61.0-142	
1,2,3-Trichloropropane	0.125	0.139	111	67.0-129	
1,2,4-Trimethylbenzene	0.125	0.136	109	70.0-126	
1,2,3-Trimethylbenzene	0.125	0.121	96.8	74.0-124	
1,3,5-Trimethylbenzene	0.125	0.132	106	73.0-127	
Vinyl chloride	0.125	0.125	100	63.0-134	
Xylenes, Total	0.375	0.376	100	72.0-127	
(S) Toluene-d8			*100*	*75.0-131*	
(S) 4-Bromofluorobenzene			*98.1*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*98.1*	*70.0-130*	

Method Blank (MB)

(MB) R4166505-2 01/12/25 20:07

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	0.00105	J	0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4166505-2 01/12/25 20:07

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,2,3-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*98.5*			*75.0-131*
(S) 4-Bromofluorobenzene	*107*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*97.7*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4166505-1 01/12/25 18:49

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.625	0.526	84.2	10.0-160	
Acrylonitrile	0.625	0.479	76.6	45.0-153	
Benzene	0.125	0.115	92.0	70.0-123	
Bromobenzene	0.125	0.104	83.2	73.0-121	
Bromodichloromethane	0.125	0.118	94.4	73.0-121	

Laboratory Control Sample (LCS)

(LCS) R4166505-1 01/12/25 18:49

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromoform	0.125	0.101	80.8	64.0-132	
Bromomethane	0.125	0.104	83.2	56.0-147	
n-Butylbenzene	0.125	0.116	92.8	68.0-135	
sec-Butylbenzene	0.125	0.122	97.6	74.0-130	
tert-Butylbenzene	0.125	0.113	90.4	75.0-127	
Carbon tetrachloride	0.125	0.110	88.0	66.0-128	
Chlorobenzene	0.125	0.107	85.6	76.0-128	
Chlorodibromomethane	0.125	0.106	84.8	74.0-127	
Chloroethane	0.125	0.120	96.0	61.0-134	
Chloroform	0.125	0.109	87.2	72.0-123	
Chloromethane	0.125	0.133	106	51.0-138	
2-Chlorotoluene	0.125	0.109	87.2	75.0-124	
4-Chlorotoluene	0.125	0.105	84.0	75.0-124	
1,2-Dibromo-3-Chloropropane	0.125	0.119	95.2	59.0-130	
1,2-Dibromoethane	0.125	0.112	89.6	74.0-128	
Dibromomethane	0.125	0.112	89.6	75.0-122	
1,2-Dichlorobenzene	0.125	0.116	92.8	76.0-124	
1,3-Dichlorobenzene	0.125	0.109	87.2	76.0-125	
1,4-Dichlorobenzene	0.125	0.101	80.8	77.0-121	
Dichlorodifluoromethane	0.125	0.117	93.6	43.0-156	
1,1-Dichloroethane	0.125	0.116	92.8	70.0-127	
1,2-Dichloroethane	0.125	0.103	82.4	65.0-131	
1,1-Dichloroethene	0.125	0.103	82.4	65.0-131	
cis-1,2-Dichloroethene	0.125	0.117	93.6	73.0-125	
trans-1,2-Dichloroethene	0.125	0.113	90.4	71.0-125	
1,2-Dichloropropane	0.125	0.124	99.2	74.0-125	
1,1-Dichloropropene	0.125	0.111	88.8	73.0-125	
1,3-Dichloropropane	0.125	0.108	86.4	80.0-125	
cis-1,3-Dichloropropene	0.125	0.120	96.0	76.0-127	
trans-1,3-Dichloropropene	0.125	0.116	92.8	73.0-127	
2,2-Dichloropropane	0.125	0.138	110	59.0-135	
Di-isopropyl ether	0.125	0.114	91.2	60.0-136	
Ethylbenzene	0.125	0.115	92.0	74.0-126	
Hexachloro-1,3-butadiene	0.125	0.122	97.6	57.0-150	
Isopropylbenzene	0.125	0.122	97.6	72.0-127	
p-Isopropyltoluene	0.125	0.113	90.4	72.0-133	
2-Butanone (MEK)	0.625	0.540	86.4	30.0-160	
Methylene Chloride	0.125	0.102	81.6	68.0-123	
4-Methyl-2-pentanone (MIBK)	0.625	0.585	93.6	56.0-143	
Methyl tert-butyl ether	0.125	0.109	87.2	66.0-132	

Laboratory Control Sample (LCS)

(LCS) R4166505-1 01/12/25 18:49

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Naphthalene	0.125	0.152	122	59.0-130	
n-Propylbenzene	0.125	0.112	89.6	74.0-126	
Styrene	0.125	0.114	91.2	72.0-127	
1,1,1,2-Tetrachloroethane	0.125	0.120	96.0	74.0-129	
1,1,2,2-Tetrachloroethane	0.125	0.106	84.8	68.0-128	
1,1,2-Trichlorotrifluoroethane	0.125	0.110	88.0	61.0-139	
Tetrachloroethene	0.125	0.109	87.2	70.0-136	
Toluene	0.125	0.109	87.2	75.0-121	
1,2,3-Trichlorobenzene	0.125	0.152	122	59.0-139	
1,2,4-Trichlorobenzene	0.125	0.139	111	62.0-137	
1,1,1-Trichloroethane	0.125	0.117	93.6	69.0-126	
1,1,2-Trichloroethane	0.125	0.113	90.4	78.0-123	
Trichloroethene	0.125	0.119	95.2	76.0-126	
Trichlorofluoromethane	0.125	0.106	84.8	61.0-142	
1,2,3-Trichloropropane	0.125	0.116	92.8	67.0-129	
1,2,4-Trimethylbenzene	0.125	0.114	91.2	70.0-126	
1,2,3-Trimethylbenzene	0.125	0.117	93.6	74.0-124	
1,3,5-Trimethylbenzene	0.125	0.117	93.6	73.0-127	
Vinyl chloride	0.125	0.113	90.4	63.0-134	
Xylenes, Total	0.375	0.346	92.3	72.0-127	
(S) Toluene-d8			*98.3*	*75.0-131*	
(S) 4-Bromofluorobenzene			*106*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*104*	*70.0-130*	

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
ERO Resources

1626 Cole Blvd.
Suite 100
Lakewood. CO 80401

Billing Information:
ERO Resources
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Pres Chk

Report to: **Jack Denman**

Email To: **jdenman@eroresources.com;smitchell@eroreso**

Project Description: **SC-Thornton**

City/State Collected: Thornton, CO

Please Circle: PT (MT) CT ET

Phone: **720-812-3576**

Client Project # 24-260

Lab Project # **ERORESDCO-TSCTHORN**

Collected by (print): Emily True

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Std. TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No of Cntrs	VOCs 8260 4ozClr-NoPres										
MW-AD-2.5	Grab	SS	2.5	1-6-25	1043	1	X										-01
MW-AD-7.5		SS	7.5		1128	1	X										-02
MW-AD-12.5		SS	12.5		1202	1	X										-03
MW-AD-17.5		SS	17.5		1224	1	X										-04
MW-AD-21.5		SS	21.5		1355	1	X										-05
MW-AD-27.5		SS	27.5		1420	1	X										-06
MW-AD-32.5		SS	32.5		1500	1	X										-07
MW-AD-37.5		SS	37.5		1535	1	X										-08
MW-AD-42.5		SS	42.5		1555	1	X										-09
MW-AD-47.5		SS	47.5	1-7-25	1065	1	X										-10

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

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MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L[illegible]

Table # **D224**

Acctnum: **ERORESDCO**
Template: **T266000**
Prelogin: **P1122790**
PM: **3768 - Jordan Dozier**
PB:

Shipped Via: **FedEX Ground**

Remarks | Sample # (lab only)

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 4257 0936 1001

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	1-7-25	1355	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	1/7/25	1800	FedEx
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / (No)
HCL / MeoH
TBR

Temp: °C Bottles Received:
MJA9 2.0 +0 =20 12

Date: 1-9-25 Time: 0915

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Company Name/Address:
ERO Resources

1626 Cole Blvd.
Suite 100
Lakewood. CO 80401

Billing Information:
ERO Resources
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Pres Chk

Report to: **Jack Denman**

Email To: **jdenman@eroresources.com;smitchell@eroreso**

Project Description: **SC-Thornton**

City/State Collected: Thornton, CO

Please Circle: PT (MT) CT ET

Phone: **720-812-3576**

Client Project # 24-260

Lab Project # **ERORESDCO-TSCTHORN**

Collected by (print): Emily Ivie

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Std. TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOCs 8260 4ozClr-NoPres												
MW-AD-52.5	Grab	SS	52.5	1-7-25	1115	1	X												11
MW-AD-60	Grab	SS	60.0	1-7-25	1315	1	X												12
		SS																	
		SS																	
		SS																	
		SS																	
		SS																	
		SS																	
		SS																	
		SS																	

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

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MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1515876

Table #

Acctnum: **ERORESDCO**
Template: **T266000**
Prelogin: **P1122790**
PM: **3768 - Jordan Dozier**
PB:

Shipped Via: **FedEX Ground**

Remarks	Sample # (lab only)

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 4257 0736 1001

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	1-7-25	1355	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	1/7/25	1800	FedEx
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: °C Bottles Received:
MJM9 2.0 +0:2.0 12

If preservation required by Login: Date/Time

Date: 1-9-25 Time: 0915

Hold:

Condition: NCF / OK

1-9-25

ANALYTICAL REPORT

January 22, 2025

ERO Resources

Sample Delivery Group:	L1816980
Samples Received:	01/15/2025
Project Number:	24-260
Description:	SC-Thornton

Report To: Jack Denman
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Entire Report Reviewed By: J Dozier

Jordan Dozier
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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MW-BD-12.5 L1816980-01 Solid

Collected by: Emily True | Collected date/time: 01/13/25 09:15 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435200	1	01/16/25 22:10	01/17/25 15:05	JAH	Mt. Juliet, TN

MW-BD-17.5 L1816980-02 Solid

Collected by: Emily True | Collected date/time: 01/13/25 09:25 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435200	1	01/16/25 22:10	01/17/25 15:24	JAH	Mt. Juliet, TN

MW-BD-23 L1816980-03 Solid

Collected by: Emily True | Collected date/time: 01/13/25 10:15 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435200	1	01/16/25 22:10	01/17/25 15:42	JAH	Mt. Juliet, TN

MW-BD-27.5 L1816980-04 Solid

Collected by: Emily True | Collected date/time: 01/13/25 10:25 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435200	1	01/16/25 22:10	01/17/25 16:01	JAH	Mt. Juliet, TN

MW-BD-32.5 L1816980-05 Solid

Collected by: Emily True | Collected date/time: 01/13/25 10:43 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435200	1	01/16/25 22:10	01/17/25 16:20	JAH	Mt. Juliet, TN

MW-BD-37.5 L1816980-06 Solid

Collected by: Emily True | Collected date/time: 01/13/25 11:10 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435200	1	01/16/25 22:10	01/17/25 16:38	JAH	Mt. Juliet, TN

MW-BD-42.5 L1816980-07 Solid

Collected by: Emily True | Collected date/time: 01/13/25 11:55 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435200	1	01/16/25 22:10	01/17/25 16:56	JAH	Mt. Juliet, TN

MW-BD-47.5 L1816980-08 Solid

Collected by: Emily True | Collected date/time: 01/13/25 12:05 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435200	1	01/16/25 22:10	01/17/25 17:15	JAH	Mt. Juliet, TN

MW-BD-52.5 L1816980-09 Solid

Collected by: Emily True | Collected date/time: 01/13/25 12:20 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435301	1	01/16/25 22:10	01/17/25 16:10	DWR	Mt. Juliet, TN

MW-BD-60 L1816980-10 Solid

Collected by: Emily True | Collected date/time: 01/13/25 12:45 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435301	1	01/16/25 22:10	01/17/25 16:30	DWR	Mt. Juliet, TN

MW-CD-2.5 L1816980-11 Solid

Collected by: Emily True | Collected date/time: 01/13/25 14:55 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435301	1	01/16/25 22:10	01/17/25 16:49	DWR	Mt. Juliet, TN

MW-CD-7.5 L1816980-12 Solid

Collected by: Emily True | Collected date/time: 01/13/25 15:30 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435301	1	01/16/25 22:10	01/17/25 17:08	DWR	Mt. Juliet, TN

MW-CD-12.5 L1816980-13 Solid

Collected by: Emily True | Collected date/time: 01/13/25 09:10 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2436909	2	01/16/25 22:10	01/21/25 20:22	DWR	Mt. Juliet, TN

MW-CD-17.5 L1816980-14 Solid

Collected by: Emily True | Collected date/time: 01/13/25 09:30 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435374	1	01/16/25 22:10	01/17/25 17:44	JTO	Mt. Juliet, TN

MW-CD-22.5 L1816980-15 Solid

Collected by: Emily True | Collected date/time: 01/13/25 10:05 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435374	1	01/16/25 22:10	01/17/25 18:04	JTO	Mt. Juliet, TN

MW-CD-27.5 L1816980-16 Solid

Collected by: Emily True | Collected date/time: 01/13/25 10:30 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435374	1	01/16/25 22:10	01/17/25 18:24	JTO	Mt. Juliet, TN

MW-CD-32.5 L1816980-17 Solid

Collected by: Emily True | Collected date/time: 01/13/25 10:45 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435374	1	01/16/25 22:10	01/17/25 18:44	JTO	Mt. Juliet, TN

MW-CD-38.5 L1816980-18 Solid

Collected by: Emily True | Collected date/time: 01/13/25 11:45 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435374	1	01/16/25 22:10	01/17/25 19:04	JTO	Mt. Juliet, TN

MW-CD-42.5 L1816980-19 Solid

Collected by: Emily True | Collected date/time: 01/13/25 12:05 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435374	1	01/16/25 22:10	01/17/25 19:24	JTO	Mt. Juliet, TN

MW-CD-47.5 L1816980-20 Solid

Collected by: Emily True | Collected date/time: 01/13/25 12:50 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435374	1	01/16/25 22:10	01/17/25 19:44	JTO	Mt. Juliet, TN

MW-CD-52.5 L1816980-21 Solid

Collected by: Emily True | Collected date/time: 01/13/25 14:00 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435374	1	01/16/25 22:10	01/17/25 20:05	JTO	Mt. Juliet, TN

MW-CD-60 L1816980-22 Solid

Collected by: Emily True | Collected date/time: 01/13/25 16:45 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435374	1	01/16/25 22:10	01/17/25 20:25	JTO	Mt. Juliet, TN

MW-CD-58 L1816980-23 Solid

Collected by: Emily True | Collected date/time: 01/13/25 17:00 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435374	1	01/16/25 22:10	01/17/25 20:45	JTO	Mt. Juliet, TN

MW-BD-2.5 L1816980-24 Solid

Collected by: Emily True | Collected date/time: 01/13/25 13:40 | Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435374	1	01/16/25 22:10	01/17/25 21:05	JTO	Mt. Juliet, TN

SAMPLE SUMMARY

MW-BD-7.5 L1816980-25 Solid

Collected by: Emily True
Collected date/time: 01/13/25 09:00
Received date/time: 01/15/25 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2435374	1	01/16/25 22:10	01/17/25 21:25	JTO	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Jordan Dozier
Project Manager

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	0.0836	C5 J4	0.0365	0.0500	1	01/17/2025 15:05	WG2435200
Acrylonitrile	U		0.00361	0.0125	1	01/17/2025 15:05	WG2435200
Benzene	U		0.000467	0.00100	1	01/17/2025 15:05	WG2435200
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 15:05	WG2435200
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 15:05	WG2435200
Bromoform	U		0.00117	0.0250	1	01/17/2025 15:05	WG2435200
Bromomethane	U		0.00197	0.0125	1	01/17/2025 15:05	WG2435200
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 15:05	WG2435200
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 15:05	WG2435200
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 15:05	WG2435200
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 15:05	WG2435200
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 15:05	WG2435200
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 15:05	WG2435200
Chloroethane	U		0.00170	0.00500	1	01/17/2025 15:05	WG2435200
Chloroform	U		0.00103	0.00250	1	01/17/2025 15:05	WG2435200
Chloromethane	U		0.00435	0.0125	1	01/17/2025 15:05	WG2435200
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 15:05	WG2435200
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 15:05	WG2435200
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 15:05	WG2435200
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 15:05	WG2435200
Dibromomethane	U	J4	0.000750	0.00500	1	01/17/2025 15:05	WG2435200
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 15:05	WG2435200
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 15:05	WG2435200
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 15:05	WG2435200
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 15:05	WG2435200
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 15:05	WG2435200
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 15:05	WG2435200
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 15:05	WG2435200
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 15:05	WG2435200
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 15:05	WG2435200
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 15:05	WG2435200
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 15:05	WG2435200
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 15:05	WG2435200
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 15:05	WG2435200
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 15:05	WG2435200
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 15:05	WG2435200
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 15:05	WG2435200
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 15:05	WG2435200
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 15:05	WG2435200
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 15:05	WG2435200
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 15:05	WG2435200
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 15:05	WG2435200
Methylene Chloride	0.00943	J	0.00664	0.0250	1	01/17/2025 15:05	WG2435200
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 15:05	WG2435200
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 15:05	WG2435200
Naphthalene	U		0.00488	0.0125	1	01/17/2025 15:05	WG2435200
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 15:05	WG2435200
Styrene	0.00288	J	0.000229	0.0125	1	01/17/2025 15:05	WG2435200
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 15:05	WG2435200
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 15:05	WG2435200
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 15:05	WG2435200
Tetrachloroethene	U		0.000896	0.00250	1	01/17/2025 15:05	WG2435200
Toluene	U		0.00130	0.00500	1	01/17/2025 15:05	WG2435200
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/17/2025 15:05	WG2435200
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 15:05	WG2435200
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 15:05	WG2435200

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 15:05	WG2435200
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 15:05	WG2435200
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 15:05	WG2435200
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 15:05	WG2435200
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 15:05	WG2435200
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 15:05	WG2435200
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 15:05	WG2435200
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 15:05	WG2435200
Xylenes, Total	0.00231	J	0.000880	0.00650	1	01/17/2025 15:05	WG2435200
(S) Toluene-d8	*96.2*			*75.0-131*		*01/17/2025 15:05*	WG2435200
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*01/17/2025 15:05*	WG2435200
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*01/17/2025 15:05*	WG2435200

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0365	0.0500	1	01/17/2025 15:24	WG2435200
Acrylonitrile	U		0.00361	0.0125	1	01/17/2025 15:24	WG2435200
Benzene	U		0.000467	0.00100	1	01/17/2025 15:24	WG2435200
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 15:24	WG2435200
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 15:24	WG2435200
Bromoform	U		0.00117	0.0250	1	01/17/2025 15:24	WG2435200
Bromomethane	U		0.00197	0.0125	1	01/17/2025 15:24	WG2435200
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 15:24	WG2435200
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 15:24	WG2435200
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 15:24	WG2435200
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 15:24	WG2435200
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 15:24	WG2435200
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 15:24	WG2435200
Chloroethane	U		0.00170	0.00500	1	01/17/2025 15:24	WG2435200
Chloroform	U		0.00103	0.00250	1	01/17/2025 15:24	WG2435200
Chloromethane	U		0.00435	0.0125	1	01/17/2025 15:24	WG2435200
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 15:24	WG2435200
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 15:24	WG2435200
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 15:24	WG2435200
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 15:24	WG2435200
Dibromomethane	U	J4	0.000750	0.00500	1	01/17/2025 15:24	WG2435200
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 15:24	WG2435200
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 15:24	WG2435200
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 15:24	WG2435200
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 15:24	WG2435200
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 15:24	WG2435200
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 15:24	WG2435200
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 15:24	WG2435200
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 15:24	WG2435200
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 15:24	WG2435200
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 15:24	WG2435200
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 15:24	WG2435200
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 15:24	WG2435200
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 15:24	WG2435200
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 15:24	WG2435200
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 15:24	WG2435200
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 15:24	WG2435200
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 15:24	WG2435200
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 15:24	WG2435200
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 15:24	WG2435200
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 15:24	WG2435200
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 15:24	WG2435200
Methylene Chloride	0.00985	J	0.00664	0.0250	1	01/17/2025 15:24	WG2435200
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 15:24	WG2435200
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 15:24	WG2435200
Naphthalene	U		0.00488	0.0125	1	01/17/2025 15:24	WG2435200
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 15:24	WG2435200
Styrene	0.00275	J	0.000229	0.0125	1	01/17/2025 15:24	WG2435200
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 15:24	WG2435200
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 15:24	WG2435200
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 15:24	WG2435200
Tetrachloroethene	U		0.000896	0.00250	1	01/17/2025 15:24	WG2435200
Toluene	U		0.00130	0.00500	1	01/17/2025 15:24	WG2435200
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/17/2025 15:24	WG2435200
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 15:24	WG2435200
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 15:24	WG2435200

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 15:24	WG2435200
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 15:24	WG2435200
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 15:24	WG2435200
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 15:24	WG2435200
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 15:24	WG2435200
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 15:24	WG2435200
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 15:24	WG2435200
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 15:24	WG2435200
Xylenes, Total	0.00125	J	0.000880	0.00650	1	01/17/2025 15:24	WG2435200
(S) Toluene-d8	*98.3*			*75.0-131*		*01/17/2025 15:24*	WG2435200
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*01/17/2025 15:24*	WG2435200
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*01/17/2025 15:24*	WG2435200

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0365	0.0500	1	01/17/2025 15:42	WG2435200
Acrylonitrile	U		0.00361	0.0125	1	01/17/2025 15:42	WG2435200
Benzene	U		0.000467	0.00100	1	01/17/2025 15:42	WG2435200
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 15:42	WG2435200
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 15:42	WG2435200
Bromoform	U		0.00117	0.0250	1	01/17/2025 15:42	WG2435200
Bromomethane	U		0.00197	0.0125	1	01/17/2025 15:42	WG2435200
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 15:42	WG2435200
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 15:42	WG2435200
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 15:42	WG2435200
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 15:42	WG2435200
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 15:42	WG2435200
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 15:42	WG2435200
Chloroethane	U		0.00170	0.00500	1	01/17/2025 15:42	WG2435200
Chloroform	U		0.00103	0.00250	1	01/17/2025 15:42	WG2435200
Chloromethane	U		0.00435	0.0125	1	01/17/2025 15:42	WG2435200
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 15:42	WG2435200
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 15:42	WG2435200
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 15:42	WG2435200
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 15:42	WG2435200
Dibromomethane	U	J4	0.000750	0.00500	1	01/17/2025 15:42	WG2435200
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 15:42	WG2435200
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 15:42	WG2435200
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 15:42	WG2435200
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 15:42	WG2435200
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 15:42	WG2435200
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 15:42	WG2435200
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 15:42	WG2435200
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 15:42	WG2435200
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 15:42	WG2435200
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 15:42	WG2435200
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 15:42	WG2435200
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 15:42	WG2435200
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 15:42	WG2435200
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 15:42	WG2435200
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 15:42	WG2435200
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 15:42	WG2435200
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 15:42	WG2435200
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 15:42	WG2435200
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 15:42	WG2435200
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 15:42	WG2435200
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 15:42	WG2435200
Methylene Chloride	0.00852	J	0.00664	0.0250	1	01/17/2025 15:42	WG2435200
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 15:42	WG2435200
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 15:42	WG2435200
Naphthalene	U		0.00488	0.0125	1	01/17/2025 15:42	WG2435200
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 15:42	WG2435200
Styrene	0.000275	J	0.000229	0.0125	1	01/17/2025 15:42	WG2435200
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 15:42	WG2435200
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 15:42	WG2435200
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 15:42	WG2435200
Tetrachloroethene	0.0105		0.000896	0.00250	1	01/17/2025 15:42	WG2435200
Toluene	U		0.00130	0.00500	1	01/17/2025 15:42	WG2435200
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/17/2025 15:42	WG2435200
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 15:42	WG2435200
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 15:42	WG2435200

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 15:42	WG2435200
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 15:42	WG2435200
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 15:42	WG2435200
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 15:42	WG2435200
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 15:42	WG2435200
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 15:42	WG2435200
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 15:42	WG2435200
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 15:42	WG2435200
Xylenes, Total	U		0.000880	0.00650	1	01/17/2025 15:42	WG2435200
(S) Toluene-d8	*96.6*			*75.0-131*		*01/17/2025 15:42*	WG2435200
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*01/17/2025 15:42*	WG2435200
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*01/17/2025 15:42*	WG2435200

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	0.0872	C5 J4	0.0365	0.0500	1	01/17/2025 16:01	WG2435200
Acrylonitrile	U		0.00361	0.0125	1	01/17/2025 16:01	WG2435200
Benzene	U		0.000467	0.00100	1	01/17/2025 16:01	WG2435200
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 16:01	WG2435200
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 16:01	WG2435200
Bromoform	U		0.00117	0.0250	1	01/17/2025 16:01	WG2435200
Bromomethane	U		0.00197	0.0125	1	01/17/2025 16:01	WG2435200
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 16:01	WG2435200
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 16:01	WG2435200
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 16:01	WG2435200
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 16:01	WG2435200
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 16:01	WG2435200
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 16:01	WG2435200
Chloroethane	U		0.00170	0.00500	1	01/17/2025 16:01	WG2435200
Chloroform	U		0.00103	0.00250	1	01/17/2025 16:01	WG2435200
Chloromethane	U		0.00435	0.0125	1	01/17/2025 16:01	WG2435200
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 16:01	WG2435200
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 16:01	WG2435200
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 16:01	WG2435200
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 16:01	WG2435200
Dibromomethane	U	J4	0.000750	0.00500	1	01/17/2025 16:01	WG2435200
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 16:01	WG2435200
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 16:01	WG2435200
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 16:01	WG2435200
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 16:01	WG2435200
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 16:01	WG2435200
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 16:01	WG2435200
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 16:01	WG2435200
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 16:01	WG2435200
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 16:01	WG2435200
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 16:01	WG2435200
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 16:01	WG2435200
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 16:01	WG2435200
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 16:01	WG2435200
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 16:01	WG2435200
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 16:01	WG2435200
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 16:01	WG2435200
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 16:01	WG2435200
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 16:01	WG2435200
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 16:01	WG2435200
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 16:01	WG2435200
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 16:01	WG2435200
Methylene Chloride	0.00908	J	0.00664	0.0250	1	01/17/2025 16:01	WG2435200
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 16:01	WG2435200
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 16:01	WG2435200
Naphthalene	U		0.00488	0.0125	1	01/17/2025 16:01	WG2435200
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 16:01	WG2435200
Styrene	0.000725	J	0.000229	0.0125	1	01/17/2025 16:01	WG2435200
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 16:01	WG2435200
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 16:01	WG2435200
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 16:01	WG2435200
Tetrachloroethene	U		0.000896	0.00250	1	01/17/2025 16:01	WG2435200
Toluene	U		0.00130	0.00500	1	01/17/2025 16:01	WG2435200
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/17/2025 16:01	WG2435200
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 16:01	WG2435200
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 16:01	WG2435200

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 16:01	WG2435200
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 16:01	WG2435200
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 16:01	WG2435200
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 16:01	WG2435200
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 16:01	WG2435200
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 16:01	WG2435200
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 16:01	WG2435200
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 16:01	WG2435200
Xylenes, Total	U		0.000880	0.00650	1	01/17/2025 16:01	WG2435200
(S) Toluene-d8	*97.2*			*75.0-131*		*01/17/2025 16:01*	WG2435200
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*01/17/2025 16:01*	WG2435200
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*01/17/2025 16:01*	WG2435200

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0365	0.0500	1	01/17/2025 16:20	WG2435200
Acrylonitrile	U		0.00361	0.0125	1	01/17/2025 16:20	WG2435200
Benzene	U		0.000467	0.00100	1	01/17/2025 16:20	WG2435200
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 16:20	WG2435200
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 16:20	WG2435200
Bromoform	U		0.00117	0.0250	1	01/17/2025 16:20	WG2435200
Bromomethane	U		0.00197	0.0125	1	01/17/2025 16:20	WG2435200
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 16:20	WG2435200
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 16:20	WG2435200
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 16:20	WG2435200
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 16:20	WG2435200
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 16:20	WG2435200
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 16:20	WG2435200
Chloroethane	U		0.00170	0.00500	1	01/17/2025 16:20	WG2435200
Chloroform	U		0.00103	0.00250	1	01/17/2025 16:20	WG2435200
Chloromethane	U		0.00435	0.0125	1	01/17/2025 16:20	WG2435200
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 16:20	WG2435200
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 16:20	WG2435200
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 16:20	WG2435200
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 16:20	WG2435200
Dibromomethane	U	J4	0.000750	0.00500	1	01/17/2025 16:20	WG2435200
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 16:20	WG2435200
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 16:20	WG2435200
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 16:20	WG2435200
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 16:20	WG2435200
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 16:20	WG2435200
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 16:20	WG2435200
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 16:20	WG2435200
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 16:20	WG2435200
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 16:20	WG2435200
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 16:20	WG2435200
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 16:20	WG2435200
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 16:20	WG2435200
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 16:20	WG2435200
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 16:20	WG2435200
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 16:20	WG2435200
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 16:20	WG2435200
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 16:20	WG2435200
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 16:20	WG2435200
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 16:20	WG2435200
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 16:20	WG2435200
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 16:20	WG2435200
Methylene Chloride	0.00955	J	0.00664	0.0250	1	01/17/2025 16:20	WG2435200
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 16:20	WG2435200
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 16:20	WG2435200
Naphthalene	U		0.00488	0.0125	1	01/17/2025 16:20	WG2435200
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 16:20	WG2435200
Styrene	U		0.000229	0.0125	1	01/17/2025 16:20	WG2435200
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 16:20	WG2435200
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 16:20	WG2435200
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 16:20	WG2435200
Tetrachloroethene	U		0.000896	0.00250	1	01/17/2025 16:20	WG2435200
Toluene	U		0.00130	0.00500	1	01/17/2025 16:20	WG2435200
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/17/2025 16:20	WG2435200
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 16:20	WG2435200
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 16:20	WG2435200

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 16:20	WG2435200
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 16:20	WG2435200
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 16:20	WG2435200
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 16:20	WG2435200
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 16:20	WG2435200
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 16:20	WG2435200
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 16:20	WG2435200
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 16:20	WG2435200
Xylenes, Total	U		0.000880	0.00650	1	01/17/2025 16:20	WG2435200
(S) Toluene-d8	*97.3*			*75.0-131*		*01/17/2025 16:20*	WG2435200
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*01/17/2025 16:20*	WG2435200
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*01/17/2025 16:20*	WG2435200

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0365	0.0500	1	01/17/2025 16:38	WG2435200
Acrylonitrile	U		0.00361	0.0125	1	01/17/2025 16:38	WG2435200
Benzene	U		0.000467	0.00100	1	01/17/2025 16:38	WG2435200
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 16:38	WG2435200
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 16:38	WG2435200
Bromoform	U		0.00117	0.0250	1	01/17/2025 16:38	WG2435200
Bromomethane	U		0.00197	0.0125	1	01/17/2025 16:38	WG2435200
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 16:38	WG2435200
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 16:38	WG2435200
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 16:38	WG2435200
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 16:38	WG2435200
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 16:38	WG2435200
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 16:38	WG2435200
Chloroethane	U		0.00170	0.00500	1	01/17/2025 16:38	WG2435200
Chloroform	U		0.00103	0.00250	1	01/17/2025 16:38	WG2435200
Chloromethane	U		0.00435	0.0125	1	01/17/2025 16:38	WG2435200
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 16:38	WG2435200
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 16:38	WG2435200
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 16:38	WG2435200
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 16:38	WG2435200
Dibromomethane	U	J4	0.000750	0.00500	1	01/17/2025 16:38	WG2435200
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 16:38	WG2435200
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 16:38	WG2435200
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 16:38	WG2435200
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 16:38	WG2435200
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 16:38	WG2435200
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 16:38	WG2435200
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 16:38	WG2435200
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 16:38	WG2435200
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 16:38	WG2435200
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 16:38	WG2435200
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 16:38	WG2435200
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 16:38	WG2435200
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 16:38	WG2435200
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 16:38	WG2435200
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 16:38	WG2435200
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 16:38	WG2435200
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 16:38	WG2435200
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 16:38	WG2435200
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 16:38	WG2435200
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 16:38	WG2435200
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 16:38	WG2435200
Methylene Chloride	0.0111	J	0.00664	0.0250	1	01/17/2025 16:38	WG2435200
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 16:38	WG2435200
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 16:38	WG2435200
Naphthalene	U		0.00488	0.0125	1	01/17/2025 16:38	WG2435200
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 16:38	WG2435200
Styrene	U		0.000229	0.0125	1	01/17/2025 16:38	WG2435200
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 16:38	WG2435200
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 16:38	WG2435200
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 16:38	WG2435200
Tetrachloroethene	U		0.000896	0.00250	1	01/17/2025 16:38	WG2435200
Toluene	U		0.00130	0.00500	1	01/17/2025 16:38	WG2435200
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/17/2025 16:38	WG2435200
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 16:38	WG2435200
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 16:38	WG2435200

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 16:38	WG2435200
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 16:38	WG2435200
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 16:38	WG2435200
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 16:38	WG2435200
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 16:38	WG2435200
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 16:38	WG2435200
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 16:38	WG2435200
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 16:38	WG2435200
Xylenes, Total	U		0.000880	0.00650	1	01/17/2025 16:38	WG2435200
(S) Toluene-d8	*94.8*			*75.0-131*		*01/17/2025 16:38*	WG2435200
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*01/17/2025 16:38*	WG2435200
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*01/17/2025 16:38*	WG2435200

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0365	0.0500	1	01/17/2025 16:56	WG2435200
Acrylonitrile	U		0.00361	0.0125	1	01/17/2025 16:56	WG2435200
Benzene	U		0.000467	0.00100	1	01/17/2025 16:56	WG2435200
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 16:56	WG2435200
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 16:56	WG2435200
Bromoform	U		0.00117	0.0250	1	01/17/2025 16:56	WG2435200
Bromomethane	U		0.00197	0.0125	1	01/17/2025 16:56	WG2435200
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 16:56	WG2435200
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 16:56	WG2435200
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 16:56	WG2435200
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 16:56	WG2435200
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 16:56	WG2435200
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 16:56	WG2435200
Chloroethane	U		0.00170	0.00500	1	01/17/2025 16:56	WG2435200
Chloroform	U		0.00103	0.00250	1	01/17/2025 16:56	WG2435200
Chloromethane	U		0.00435	0.0125	1	01/17/2025 16:56	WG2435200
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 16:56	WG2435200
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 16:56	WG2435200
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 16:56	WG2435200
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 16:56	WG2435200
Dibromomethane	U	J4	0.000750	0.00500	1	01/17/2025 16:56	WG2435200
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 16:56	WG2435200
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 16:56	WG2435200
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 16:56	WG2435200
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 16:56	WG2435200
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 16:56	WG2435200
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 16:56	WG2435200
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 16:56	WG2435200
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 16:56	WG2435200
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 16:56	WG2435200
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 16:56	WG2435200
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 16:56	WG2435200
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 16:56	WG2435200
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 16:56	WG2435200
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 16:56	WG2435200
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 16:56	WG2435200
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 16:56	WG2435200
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 16:56	WG2435200
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 16:56	WG2435200
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 16:56	WG2435200
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 16:56	WG2435200
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 16:56	WG2435200
Methylene Chloride	0.0106	J	0.00664	0.0250	1	01/17/2025 16:56	WG2435200
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 16:56	WG2435200
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 16:56	WG2435200
Naphthalene	U		0.00488	0.0125	1	01/17/2025 16:56	WG2435200
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 16:56	WG2435200
Styrene	U		0.000229	0.0125	1	01/17/2025 16:56	WG2435200
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 16:56	WG2435200
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 16:56	WG2435200
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 16:56	WG2435200
Tetrachloroethene	U		0.000896	0.00250	1	01/17/2025 16:56	WG2435200
Toluene	U		0.00130	0.00500	1	01/17/2025 16:56	WG2435200
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/17/2025 16:56	WG2435200
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 16:56	WG2435200
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 16:56	WG2435200

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 16:56	WG2435200
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 16:56	WG2435200
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 16:56	WG2435200
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 16:56	WG2435200
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 16:56	WG2435200
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 16:56	WG2435200
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 16:56	WG2435200
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 16:56	WG2435200
Xylenes, Total	U		0.000880	0.00650	1	01/17/2025 16:56	WG2435200
(S) Toluene-d8	*96.6*			*75.0-131*		*01/17/2025 16:56*	WG2435200
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*01/17/2025 16:56*	WG2435200
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*01/17/2025 16:56*	WG2435200

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0365	0.0500	1	01/17/2025 17:15	WG2435200
Acrylonitrile	U		0.00361	0.0125	1	01/17/2025 17:15	WG2435200
Benzene	U		0.000467	0.00100	1	01/17/2025 17:15	WG2435200
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 17:15	WG2435200
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 17:15	WG2435200
Bromoform	U		0.00117	0.0250	1	01/17/2025 17:15	WG2435200
Bromomethane	U		0.00197	0.0125	1	01/17/2025 17:15	WG2435200
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 17:15	WG2435200
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 17:15	WG2435200
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 17:15	WG2435200
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 17:15	WG2435200
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 17:15	WG2435200
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 17:15	WG2435200
Chloroethane	U		0.00170	0.00500	1	01/17/2025 17:15	WG2435200
Chloroform	U		0.00103	0.00250	1	01/17/2025 17:15	WG2435200
Chloromethane	U		0.00435	0.0125	1	01/17/2025 17:15	WG2435200
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 17:15	WG2435200
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 17:15	WG2435200
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 17:15	WG2435200
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 17:15	WG2435200
Dibromomethane	U	J4	0.000750	0.00500	1	01/17/2025 17:15	WG2435200
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 17:15	WG2435200
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 17:15	WG2435200
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 17:15	WG2435200
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 17:15	WG2435200
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 17:15	WG2435200
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 17:15	WG2435200
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 17:15	WG2435200
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 17:15	WG2435200
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 17:15	WG2435200
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 17:15	WG2435200
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 17:15	WG2435200
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 17:15	WG2435200
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 17:15	WG2435200
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 17:15	WG2435200
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 17:15	WG2435200
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 17:15	WG2435200
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 17:15	WG2435200
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 17:15	WG2435200
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 17:15	WG2435200
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 17:15	WG2435200
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 17:15	WG2435200
Methylene Chloride	0.0102	J	0.00664	0.0250	1	01/17/2025 17:15	WG2435200
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 17:15	WG2435200
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 17:15	WG2435200
Naphthalene	U		0.00488	0.0125	1	01/17/2025 17:15	WG2435200
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 17:15	WG2435200
Styrene	0.000325	J	0.000229	0.0125	1	01/17/2025 17:15	WG2435200
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 17:15	WG2435200
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 17:15	WG2435200
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 17:15	WG2435200
Tetrachloroethene	U		0.000896	0.00250	1	01/17/2025 17:15	WG2435200
Toluene	U		0.00130	0.00500	1	01/17/2025 17:15	WG2435200
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/17/2025 17:15	WG2435200
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 17:15	WG2435200
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 17:15	WG2435200

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 17:15	WG2435200
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 17:15	WG2435200
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 17:15	WG2435200
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 17:15	WG2435200
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 17:15	WG2435200
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 17:15	WG2435200
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 17:15	WG2435200
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 17:15	WG2435200
Xylenes, Total	U		0.000880	0.00650	1	01/17/2025 17:15	WG2435200
(S) Toluene-d8	*96.3*			*75.0-131*		*01/17/2025 17:15*	WG2435200
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*01/17/2025 17:15*	WG2435200
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*01/17/2025 17:15*	WG2435200

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/17/2025 16:10	WG2435301
Acrylonitrile	U	J3	0.00361	0.0125	1	01/17/2025 16:10	WG2435301
Benzene	U		0.000467	0.00100	1	01/17/2025 16:10	WG2435301
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 16:10	WG2435301
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 16:10	WG2435301
Bromoform	U		0.00117	0.0250	1	01/17/2025 16:10	WG2435301
Bromomethane	U		0.00197	0.0125	1	01/17/2025 16:10	WG2435301
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 16:10	WG2435301
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 16:10	WG2435301
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 16:10	WG2435301
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 16:10	WG2435301
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 16:10	WG2435301
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 16:10	WG2435301
Chloroethane	U		0.00170	0.00500	1	01/17/2025 16:10	WG2435301
Chloroform	U		0.00103	0.00250	1	01/17/2025 16:10	WG2435301
Chloromethane	U		0.00435	0.0125	1	01/17/2025 16:10	WG2435301
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 16:10	WG2435301
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 16:10	WG2435301
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 16:10	WG2435301
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 16:10	WG2435301
Dibromomethane	U		0.000750	0.00500	1	01/17/2025 16:10	WG2435301
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 16:10	WG2435301
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 16:10	WG2435301
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 16:10	WG2435301
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 16:10	WG2435301
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 16:10	WG2435301
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 16:10	WG2435301
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 16:10	WG2435301
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 16:10	WG2435301
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 16:10	WG2435301
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 16:10	WG2435301
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 16:10	WG2435301
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 16:10	WG2435301
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 16:10	WG2435301
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 16:10	WG2435301
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 16:10	WG2435301
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 16:10	WG2435301
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 16:10	WG2435301
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 16:10	WG2435301
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 16:10	WG2435301
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 16:10	WG2435301
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 16:10	WG2435301
Methylene Chloride	0.00958	J	0.00664	0.0250	1	01/17/2025 16:10	WG2435301
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 16:10	WG2435301
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 16:10	WG2435301
Naphthalene	U		0.00488	0.0125	1	01/17/2025 16:10	WG2435301
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 16:10	WG2435301
Styrene	U		0.000229	0.0125	1	01/17/2025 16:10	WG2435301
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 16:10	WG2435301
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 16:10	WG2435301
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 16:10	WG2435301
Tetrachloroethene	U		0.000896	0.00250	1	01/17/2025 16:10	WG2435301
Toluene	U		0.00130	0.00500	1	01/17/2025 16:10	WG2435301
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/17/2025 16:10	WG2435301
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 16:10	WG2435301
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 16:10	WG2435301

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 16:10	WG2435301
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 16:10	WG2435301
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 16:10	WG2435301
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 16:10	WG2435301
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 16:10	WG2435301
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 16:10	WG2435301
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 16:10	WG2435301
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 16:10	WG2435301
Xylenes, Total	U		0.000880	0.00650	1	01/17/2025 16:10	WG2435301
(S) Toluene-d8	*100*			*75.0-131*		*01/17/2025 16:10*	WG2435301
(S) 4-Bromofluorobenzene	*97.6*			*67.0-138*		*01/17/2025 16:10*	WG2435301
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*01/17/2025 16:10*	WG2435301

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/17/2025 16:30	WG2435301
Acrylonitrile	U	J3	0.00361	0.0125	1	01/17/2025 16:30	WG2435301
Benzene	U		0.000467	0.00100	1	01/17/2025 16:30	WG2435301
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 16:30	WG2435301
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 16:30	WG2435301
Bromoform	U		0.00117	0.0250	1	01/17/2025 16:30	WG2435301
Bromomethane	U		0.00197	0.0125	1	01/17/2025 16:30	WG2435301
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 16:30	WG2435301
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 16:30	WG2435301
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 16:30	WG2435301
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 16:30	WG2435301
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 16:30	WG2435301
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 16:30	WG2435301
Chloroethane	U		0.00170	0.00500	1	01/17/2025 16:30	WG2435301
Chloroform	U		0.00103	0.00250	1	01/17/2025 16:30	WG2435301
Chloromethane	U		0.00435	0.0125	1	01/17/2025 16:30	WG2435301
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 16:30	WG2435301
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 16:30	WG2435301
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 16:30	WG2435301
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 16:30	WG2435301
Dibromomethane	U		0.000750	0.00500	1	01/17/2025 16:30	WG2435301
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 16:30	WG2435301
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 16:30	WG2435301
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 16:30	WG2435301
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 16:30	WG2435301
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 16:30	WG2435301
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 16:30	WG2435301
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 16:30	WG2435301
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 16:30	WG2435301
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 16:30	WG2435301
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 16:30	WG2435301
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 16:30	WG2435301
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 16:30	WG2435301
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 16:30	WG2435301
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 16:30	WG2435301
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 16:30	WG2435301
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 16:30	WG2435301
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 16:30	WG2435301
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 16:30	WG2435301
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 16:30	WG2435301
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 16:30	WG2435301
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 16:30	WG2435301
Methylene Chloride	0.00895	J	0.00664	0.0250	1	01/17/2025 16:30	WG2435301
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 16:30	WG2435301
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 16:30	WG2435301
Naphthalene	U		0.00488	0.0125	1	01/17/2025 16:30	WG2435301
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 16:30	WG2435301
Styrene	0.000500	J	0.000229	0.0125	1	01/17/2025 16:30	WG2435301
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 16:30	WG2435301
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 16:30	WG2435301
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 16:30	WG2435301
Tetrachloroethene	U		0.000896	0.00250	1	01/17/2025 16:30	WG2435301
Toluene	U		0.00130	0.00500	1	01/17/2025 16:30	WG2435301
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/17/2025 16:30	WG2435301
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 16:30	WG2435301
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 16:30	WG2435301

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 16:30	WG2435301
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 16:30	WG2435301
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 16:30	WG2435301
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 16:30	WG2435301
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 16:30	WG2435301
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 16:30	WG2435301
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 16:30	WG2435301
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 16:30	WG2435301
Xylenes, Total	U		0.000880	0.00650	1	01/17/2025 16:30	WG2435301
(S) Toluene-d8	*103*			*75.0-131*		*01/17/2025 16:30*	WG2435301
(S) 4-Bromofluorobenzene	*99.8*			*67.0-138*		*01/17/2025 16:30*	WG2435301
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*01/17/2025 16:30*	WG2435301

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/17/2025 16:49	WG2435301
Acrylonitrile	U	J3	0.00361	0.0125	1	01/17/2025 16:49	WG2435301
Benzene	U		0.000467	0.00100	1	01/17/2025 16:49	WG2435301
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 16:49	WG2435301
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 16:49	WG2435301
Bromoform	U		0.00117	0.0250	1	01/17/2025 16:49	WG2435301
Bromomethane	U		0.00197	0.0125	1	01/17/2025 16:49	WG2435301
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 16:49	WG2435301
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 16:49	WG2435301
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 16:49	WG2435301
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 16:49	WG2435301
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 16:49	WG2435301
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 16:49	WG2435301
Chloroethane	U		0.00170	0.00500	1	01/17/2025 16:49	WG2435301
Chloroform	U		0.00103	0.00250	1	01/17/2025 16:49	WG2435301
Chloromethane	U		0.00435	0.0125	1	01/17/2025 16:49	WG2435301
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 16:49	WG2435301
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 16:49	WG2435301
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 16:49	WG2435301
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 16:49	WG2435301
Dibromomethane	U		0.000750	0.00500	1	01/17/2025 16:49	WG2435301
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 16:49	WG2435301
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 16:49	WG2435301
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 16:49	WG2435301
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 16:49	WG2435301
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 16:49	WG2435301
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 16:49	WG2435301
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 16:49	WG2435301
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 16:49	WG2435301
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 16:49	WG2435301
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 16:49	WG2435301
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 16:49	WG2435301
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 16:49	WG2435301
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 16:49	WG2435301
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 16:49	WG2435301
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 16:49	WG2435301
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 16:49	WG2435301
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 16:49	WG2435301
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 16:49	WG2435301
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 16:49	WG2435301
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 16:49	WG2435301
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 16:49	WG2435301
Methylene Chloride	U		0.00664	0.0250	1	01/17/2025 16:49	WG2435301
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 16:49	WG2435301
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 16:49	WG2435301
Naphthalene	U		0.00488	0.0125	1	01/17/2025 16:49	WG2435301
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 16:49	WG2435301
Styrene	0.000500	J	0.000229	0.0125	1	01/17/2025 16:49	WG2435301
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 16:49	WG2435301
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 16:49	WG2435301
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 16:49	WG2435301
Tetrachloroethene	U		0.000896	0.00250	1	01/17/2025 16:49	WG2435301
Toluene	U		0.00130	0.00500	1	01/17/2025 16:49	WG2435301
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/17/2025 16:49	WG2435301
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 16:49	WG2435301
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 16:49	WG2435301

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 16:49	WG2435301
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 16:49	WG2435301
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 16:49	WG2435301
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 16:49	WG2435301
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 16:49	WG2435301
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 16:49	WG2435301
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 16:49	WG2435301
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 16:49	WG2435301
Xylenes, Total	U		0.000880	0.00650	1	01/17/2025 16:49	WG2435301
(S) Toluene-d8	*102*			*75.0-131*		*01/17/2025 16:49*	WG2435301
(S) 4-Bromofluorobenzene	*98.9*			*67.0-138*		*01/17/2025 16:49*	WG2435301
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*01/17/2025 16:49*	WG2435301

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	U		0.0365	0.0500	1	01/17/2025 17:08	WG2435301
Acrylonitrile	U	J3	0.00361	0.0125	1	01/17/2025 17:08	WG2435301
Benzene	U		0.000467	0.00100	1	01/17/2025 17:08	WG2435301
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 17:08	WG2435301
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 17:08	WG2435301
Bromoform	U		0.00117	0.0250	1	01/17/2025 17:08	WG2435301
Bromomethane	U		0.00197	0.0125	1	01/17/2025 17:08	WG2435301
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 17:08	WG2435301
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 17:08	WG2435301
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 17:08	WG2435301
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 17:08	WG2435301
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 17:08	WG2435301
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 17:08	WG2435301
Chloroethane	U		0.00170	0.00500	1	01/17/2025 17:08	WG2435301
Chloroform	U		0.00103	0.00250	1	01/17/2025 17:08	WG2435301
Chloromethane	U		0.00435	0.0125	1	01/17/2025 17:08	WG2435301
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 17:08	WG2435301
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 17:08	WG2435301
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 17:08	WG2435301
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 17:08	WG2435301
Dibromomethane	U		0.000750	0.00500	1	01/17/2025 17:08	WG2435301
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 17:08	WG2435301
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 17:08	WG2435301
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 17:08	WG2435301
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 17:08	WG2435301
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 17:08	WG2435301
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 17:08	WG2435301
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 17:08	WG2435301
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 17:08	WG2435301
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 17:08	WG2435301
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 17:08	WG2435301
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 17:08	WG2435301
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 17:08	WG2435301
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 17:08	WG2435301
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 17:08	WG2435301
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 17:08	WG2435301
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 17:08	WG2435301
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 17:08	WG2435301
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 17:08	WG2435301
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 17:08	WG2435301
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 17:08	WG2435301
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 17:08	WG2435301
Methylene Chloride	0.00960	J	0.00664	0.0250	1	01/17/2025 17:08	WG2435301
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 17:08	WG2435301
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 17:08	WG2435301
Naphthalene	U		0.00488	0.0125	1	01/17/2025 17:08	WG2435301
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 17:08	WG2435301
Styrene	0.000550	J	0.000229	0.0125	1	01/17/2025 17:08	WG2435301
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 17:08	WG2435301
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 17:08	WG2435301
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 17:08	WG2435301
Tetrachloroethene	U		0.000896	0.00250	1	01/17/2025 17:08	WG2435301
Toluene	U		0.00130	0.00500	1	01/17/2025 17:08	WG2435301
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/17/2025 17:08	WG2435301
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 17:08	WG2435301
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 17:08	WG2435301

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 17:08	WG2435301
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 17:08	WG2435301
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 17:08	WG2435301
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 17:08	WG2435301
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 17:08	WG2435301
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 17:08	WG2435301
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 17:08	WG2435301
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 17:08	WG2435301
Xylenes, Total	U		0.000880	0.00650	1	01/17/2025 17:08	WG2435301
(S) Toluene-d8	*103*			*75.0-131*		*01/17/2025 17:08*	WG2435301
(S) 4-Bromofluorobenzene	*95.9*			*67.0-138*		*01/17/2025 17:08*	WG2435301
(S) 1,2-Dichloroethane-d4	*95.6*			*70.0-130*		*01/17/2025 17:08*	WG2435301

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0730	0.100	2	01/21/2025 20:22	WG2436909
Acrylonitrile	U		0.00722	0.0250	2	01/21/2025 20:22	WG2436909
Benzene	U		0.000934	0.00200	2	01/21/2025 20:22	WG2436909
Bromobenzene	U		0.00180	0.0250	2	01/21/2025 20:22	WG2436909
Bromodichloromethane	U		0.00145	0.00500	2	01/21/2025 20:22	WG2436909
Bromoform	U		0.00234	0.0500	2	01/21/2025 20:22	WG2436909
Bromomethane	U	C3	0.00394	0.0250	2	01/21/2025 20:22	WG2436909
n-Butylbenzene	U		0.0105	0.0250	2	01/21/2025 20:22	WG2436909
sec-Butylbenzene	U		0.00576	0.0250	2	01/21/2025 20:22	WG2436909
tert-Butylbenzene	U		0.00390	0.0100	2	01/21/2025 20:22	WG2436909
Carbon tetrachloride	U		0.00180	0.0100	2	01/21/2025 20:22	WG2436909
Chlorobenzene	U		0.000420	0.00500	2	01/21/2025 20:22	WG2436909
Chlorodibromomethane	U		0.00122	0.00500	2	01/21/2025 20:22	WG2436909
Chloroethane	U		0.00340	0.0100	2	01/21/2025 20:22	WG2436909
Chloroform	U		0.00206	0.00500	2	01/21/2025 20:22	WG2436909
Chloromethane	U		0.00870	0.0250	2	01/21/2025 20:22	WG2436909
2-Chlorotoluene	U		0.00173	0.00500	2	01/21/2025 20:22	WG2436909
4-Chlorotoluene	U		0.000900	0.0100	2	01/21/2025 20:22	WG2436909
1,2-Dibromo-3-Chloropropane	U		0.00780	0.0500	2	01/21/2025 20:22	WG2436909
1,2-Dibromoethane	U		0.00130	0.00500	2	01/21/2025 20:22	WG2436909
Dibromomethane	U		0.00150	0.0100	2	01/21/2025 20:22	WG2436909
1,2-Dichlorobenzene	U		0.000850	0.0100	2	01/21/2025 20:22	WG2436909
1,3-Dichlorobenzene	U		0.00120	0.0100	2	01/21/2025 20:22	WG2436909
1,4-Dichlorobenzene	U		0.00140	0.0100	2	01/21/2025 20:22	WG2436909
Dichlorodifluoromethane	U		0.00322	0.0100	2	01/21/2025 20:22	WG2436909
1,1-Dichloroethane	U		0.000982	0.00500	2	01/21/2025 20:22	WG2436909
1,2-Dichloroethane	U		0.00130	0.00500	2	01/21/2025 20:22	WG2436909
1,1-Dichloroethene	U		0.00121	0.00500	2	01/21/2025 20:22	WG2436909
cis-1,2-Dichloroethene	U		0.00147	0.00500	2	01/21/2025 20:22	WG2436909
trans-1,2-Dichloroethene	U		0.00208	0.0100	2	01/21/2025 20:22	WG2436909
1,2-Dichloropropane	U		0.00284	0.0100	2	01/21/2025 20:22	WG2436909
1,1-Dichloropropene	U		0.00162	0.00500	2	01/21/2025 20:22	WG2436909
1,3-Dichloropropane	U		0.00100	0.0100	2	01/21/2025 20:22	WG2436909
cis-1,3-Dichloropropene	U		0.00151	0.00500	2	01/21/2025 20:22	WG2436909
trans-1,3-Dichloropropene	U		0.00228	0.0100	2	01/21/2025 20:22	WG2436909
2,2-Dichloropropane	U		0.00276	0.00500	2	01/21/2025 20:22	WG2436909
Di-isopropyl ether	U		0.000820	0.00200	2	01/21/2025 20:22	WG2436909
Ethylbenzene	U		0.00147	0.00500	2	01/21/2025 20:22	WG2436909
Hexachloro-1,3-butadiene	U	C3	0.0120	0.0500	2	01/21/2025 20:22	WG2436909
Isopropylbenzene	U		0.000850	0.00500	2	01/21/2025 20:22	WG2436909
p-Isopropyltoluene	U		0.00510	0.0100	2	01/21/2025 20:22	WG2436909
2-Butanone (MEK)	U		0.127	0.200	2	01/21/2025 20:22	WG2436909
Methylene Chloride	U		0.0133	0.0500	2	01/21/2025 20:22	WG2436909
4-Methyl-2-pentanone (MIBK)	U		0.00456	0.0500	2	01/21/2025 20:22	WG2436909
Methyl tert-butyl ether	U		0.000700	0.00200	2	01/21/2025 20:22	WG2436909
Naphthalene	U		0.00976	0.0250	2	01/21/2025 20:22	WG2436909
n-Propylbenzene	U		0.00190	0.0100	2	01/21/2025 20:22	WG2436909
Styrene	U		0.000458	0.0250	2	01/21/2025 20:22	WG2436909
1,1,1,2-Tetrachloroethane	U		0.00190	0.00500	2	01/21/2025 20:22	WG2436909
1,1,2,2-Tetrachloroethane	U		0.00139	0.00500	2	01/21/2025 20:22	WG2436909
1,1,2-Trichlorotrifluoroethane	U		0.00151	0.00500	2	01/21/2025 20:22	WG2436909
Tetrachloroethene	U		0.00179	0.00500	2	01/21/2025 20:22	WG2436909
Toluene	U		0.00260	0.0100	2	01/21/2025 20:22	WG2436909
1,2,3-Trichlorobenzene	U		0.0147	0.0250	2	01/21/2025 20:22	WG2436909
1,2,4-Trichlorobenzene	U		0.00880	0.0250	2	01/21/2025 20:22	WG2436909
1,1,1-Trichloroethane	U		0.00185	0.00500	2	01/21/2025 20:22	WG2436909

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.00119	0.00500	2	01/21/2025 20:22	WG2436909
Trichloroethene	U		0.00117	0.00200	2	01/21/2025 20:22	WG2436909
Trichlorofluoromethane	U		0.00165	0.00500	2	01/21/2025 20:22	WG2436909
1,2,3-Trichloropropane	U		0.00324	0.0250	2	01/21/2025 20:22	WG2436909
1,2,4-Trimethylbenzene	U		0.00316	0.0100	2	01/21/2025 20:22	WG2436909
1,2,3-Trimethylbenzene	U		0.00316	0.0100	2	01/21/2025 20:22	WG2436909
1,3,5-Trimethylbenzene	U		0.00400	0.0100	2	01/21/2025 20:22	WG2436909
Vinyl chloride	U		0.00232	0.00500	2	01/21/2025 20:22	WG2436909
Xylenes, Total	U		0.00176	0.0130	2	01/21/2025 20:22	WG2436909
(S) Toluene-d8	*97.9*			*75.0-131*		*01/21/2025 20:22*	WG2436909
(S) 4-Bromofluorobenzene	*95.5*			*67.0-138*		*01/21/2025 20:22*	WG2436909
(S) 1,2-Dichloroethane-d4	*97.1*			*70.0-130*		*01/21/2025 20:22*	WG2436909

Sample Narrative:

L1816980-13 WG2436909: Lowest possible dilution due to sample foaming.

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/17/2025 17:44	WG2435374
Acrylonitrile	U		0.00361	0.0125	1	01/17/2025 17:44	WG2435374
Benzene	U		0.000467	0.00100	1	01/17/2025 17:44	WG2435374
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 17:44	WG2435374
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 17:44	WG2435374
Bromoform	U		0.00117	0.0250	1	01/17/2025 17:44	WG2435374
Bromomethane	U	J4	0.00197	0.0125	1	01/17/2025 17:44	WG2435374
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 17:44	WG2435374
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 17:44	WG2435374
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 17:44	WG2435374
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 17:44	WG2435374
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 17:44	WG2435374
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 17:44	WG2435374
Chloroethane	U		0.00170	0.00500	1	01/17/2025 17:44	WG2435374
Chloroform	U		0.00103	0.00250	1	01/17/2025 17:44	WG2435374
Chloromethane	U		0.00435	0.0125	1	01/17/2025 17:44	WG2435374
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 17:44	WG2435374
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 17:44	WG2435374
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 17:44	WG2435374
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 17:44	WG2435374
Dibromomethane	U		0.000750	0.00500	1	01/17/2025 17:44	WG2435374
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 17:44	WG2435374
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 17:44	WG2435374
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 17:44	WG2435374
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 17:44	WG2435374
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 17:44	WG2435374
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 17:44	WG2435374
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 17:44	WG2435374
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 17:44	WG2435374
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 17:44	WG2435374
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 17:44	WG2435374
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 17:44	WG2435374
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 17:44	WG2435374
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 17:44	WG2435374
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 17:44	WG2435374
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 17:44	WG2435374
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 17:44	WG2435374
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 17:44	WG2435374
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 17:44	WG2435374
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 17:44	WG2435374
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 17:44	WG2435374
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 17:44	WG2435374
Methylene Chloride	0.00935	J	0.00664	0.0250	1	01/17/2025 17:44	WG2435374
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 17:44	WG2435374
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 17:44	WG2435374
Naphthalene	U	C3	0.00488	0.0125	1	01/17/2025 17:44	WG2435374
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 17:44	WG2435374
Styrene	U		0.000229	0.0125	1	01/17/2025 17:44	WG2435374
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 17:44	WG2435374
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 17:44	WG2435374
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 17:44	WG2435374
Tetrachloroethene	U		0.000896	0.00250	1	01/17/2025 17:44	WG2435374
Toluene	U		0.00130	0.00500	1	01/17/2025 17:44	WG2435374
1,2,3-Trichlorobenzene	U	C3	0.00733	0.0125	1	01/17/2025 17:44	WG2435374
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 17:44	WG2435374
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 17:44	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 17:44	WG2435374
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 17:44	WG2435374
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 17:44	WG2435374
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 17:44	WG2435374
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 17:44	WG2435374
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 17:44	WG2435374
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 17:44	WG2435374
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 17:44	WG2435374
Xylenes, Total	U		0.000880	0.00650	1	01/17/2025 17:44	WG2435374
(S) Toluene-d8	*110*			*75.0-131*		*01/17/2025 17:44*	WG2435374
(S) 4-Bromofluorobenzene	*98.3*			*67.0-138*		*01/17/2025 17:44*	WG2435374
(S) 1,2-Dichloroethane-d4	*94.2*			*70.0-130*		*01/17/2025 17:44*	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/17/2025 18:04	WG2435374
Acrylonitrile	U		0.00361	0.0125	1	01/17/2025 18:04	WG2435374
Benzene	U		0.000467	0.00100	1	01/17/2025 18:04	WG2435374
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 18:04	WG2435374
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 18:04	WG2435374
Bromoform	U		0.00117	0.0250	1	01/17/2025 18:04	WG2435374
Bromomethane	U	J4	0.00197	0.0125	1	01/17/2025 18:04	WG2435374
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 18:04	WG2435374
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 18:04	WG2435374
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 18:04	WG2435374
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 18:04	WG2435374
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 18:04	WG2435374
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 18:04	WG2435374
Chloroethane	U		0.00170	0.00500	1	01/17/2025 18:04	WG2435374
Chloroform	U		0.00103	0.00250	1	01/17/2025 18:04	WG2435374
Chloromethane	U		0.00435	0.0125	1	01/17/2025 18:04	WG2435374
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 18:04	WG2435374
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 18:04	WG2435374
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 18:04	WG2435374
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 18:04	WG2435374
Dibromomethane	U		0.000750	0.00500	1	01/17/2025 18:04	WG2435374
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 18:04	WG2435374
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 18:04	WG2435374
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 18:04	WG2435374
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 18:04	WG2435374
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 18:04	WG2435374
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 18:04	WG2435374
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 18:04	WG2435374
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 18:04	WG2435374
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 18:04	WG2435374
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 18:04	WG2435374
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 18:04	WG2435374
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 18:04	WG2435374
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 18:04	WG2435374
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 18:04	WG2435374
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 18:04	WG2435374
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 18:04	WG2435374
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 18:04	WG2435374
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 18:04	WG2435374
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 18:04	WG2435374
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 18:04	WG2435374
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 18:04	WG2435374
Methylene Chloride	0.00918	J	0.00664	0.0250	1	01/17/2025 18:04	WG2435374
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 18:04	WG2435374
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 18:04	WG2435374
Naphthalene	U	C3	0.00488	0.0125	1	01/17/2025 18:04	WG2435374
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 18:04	WG2435374
Styrene	U		0.000229	0.0125	1	01/17/2025 18:04	WG2435374
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 18:04	WG2435374
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 18:04	WG2435374
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 18:04	WG2435374
Tetrachloroethene	0.00115	J	0.000896	0.00250	1	01/17/2025 18:04	WG2435374
Toluene	U		0.00130	0.00500	1	01/17/2025 18:04	WG2435374
1,2,3-Trichlorobenzene	U	C3	0.00733	0.0125	1	01/17/2025 18:04	WG2435374
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 18:04	WG2435374
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 18:04	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 18:04	WG2435374
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 18:04	WG2435374
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 18:04	WG2435374
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 18:04	WG2435374
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 18:04	WG2435374
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 18:04	WG2435374
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 18:04	WG2435374
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 18:04	WG2435374
Xylenes, Total	U		0.000880	0.00650	1	01/17/2025 18:04	WG2435374
(S) Toluene-d8	*96.4*			*75.0-131*		*01/17/2025 18:04*	WG2435374
(S) 4-Bromofluorobenzene	*95.8*			*67.0-138*		*01/17/2025 18:04*	WG2435374
(S) 1,2-Dichloroethane-d4	*99.4*			*70.0-130*		*01/17/2025 18:04*	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/17/2025 18:24	WG2435374
Acrylonitrile	U		0.00361	0.0125	1	01/17/2025 18:24	WG2435374
Benzene	U		0.000467	0.00100	1	01/17/2025 18:24	WG2435374
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 18:24	WG2435374
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 18:24	WG2435374
Bromoform	U		0.00117	0.0250	1	01/17/2025 18:24	WG2435374
Bromomethane	U	J4	0.00197	0.0125	1	01/17/2025 18:24	WG2435374
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 18:24	WG2435374
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 18:24	WG2435374
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 18:24	WG2435374
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 18:24	WG2435374
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 18:24	WG2435374
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 18:24	WG2435374
Chloroethane	U		0.00170	0.00500	1	01/17/2025 18:24	WG2435374
Chloroform	U		0.00103	0.00250	1	01/17/2025 18:24	WG2435374
Chloromethane	U		0.00435	0.0125	1	01/17/2025 18:24	WG2435374
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 18:24	WG2435374
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 18:24	WG2435374
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 18:24	WG2435374
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 18:24	WG2435374
Dibromomethane	U		0.000750	0.00500	1	01/17/2025 18:24	WG2435374
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 18:24	WG2435374
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 18:24	WG2435374
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 18:24	WG2435374
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 18:24	WG2435374
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 18:24	WG2435374
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 18:24	WG2435374
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 18:24	WG2435374
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 18:24	WG2435374
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 18:24	WG2435374
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 18:24	WG2435374
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 18:24	WG2435374
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 18:24	WG2435374
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 18:24	WG2435374
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 18:24	WG2435374
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 18:24	WG2435374
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 18:24	WG2435374
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 18:24	WG2435374
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 18:24	WG2435374
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 18:24	WG2435374
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 18:24	WG2435374
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 18:24	WG2435374
Methylene Chloride	0.00877	J	0.00664	0.0250	1	01/17/2025 18:24	WG2435374
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 18:24	WG2435374
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 18:24	WG2435374
Naphthalene	U	C3	0.00488	0.0125	1	01/17/2025 18:24	WG2435374
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 18:24	WG2435374
Styrene	U		0.000229	0.0125	1	01/17/2025 18:24	WG2435374
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 18:24	WG2435374
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 18:24	WG2435374
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 18:24	WG2435374
Tetrachloroethene	0.00140	J	0.000896	0.00250	1	01/17/2025 18:24	WG2435374
Toluene	U		0.00130	0.00500	1	01/17/2025 18:24	WG2435374
1,2,3-Trichlorobenzene	U	C3	0.00733	0.0125	1	01/17/2025 18:24	WG2435374
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 18:24	WG2435374
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 18:24	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 18:24	WG2435374
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 18:24	WG2435374
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 18:24	WG2435374
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 18:24	WG2435374
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 18:24	WG2435374
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 18:24	WG2435374
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 18:24	WG2435374
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 18:24	WG2435374
Xylenes, Total	U		0.000880	0.00650	1	01/17/2025 18:24	WG2435374
(S) Toluene-d8	*110*			*75.0-131*		*01/17/2025 18:24*	WG2435374
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*01/17/2025 18:24*	WG2435374
(S) 1,2-Dichloroethane-d4	*96.3*			*70.0-130*		*01/17/2025 18:24*	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/17/2025 18:44	WG2435374
Acrylonitrile	U		0.00361	0.0125	1	01/17/2025 18:44	WG2435374
Benzene	U		0.000467	0.00100	1	01/17/2025 18:44	WG2435374
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 18:44	WG2435374
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 18:44	WG2435374
Bromoform	U		0.00117	0.0250	1	01/17/2025 18:44	WG2435374
Bromomethane	U	J4	0.00197	0.0125	1	01/17/2025 18:44	WG2435374
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 18:44	WG2435374
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 18:44	WG2435374
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 18:44	WG2435374
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 18:44	WG2435374
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 18:44	WG2435374
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 18:44	WG2435374
Chloroethane	U		0.00170	0.00500	1	01/17/2025 18:44	WG2435374
Chloroform	U		0.00103	0.00250	1	01/17/2025 18:44	WG2435374
Chloromethane	U		0.00435	0.0125	1	01/17/2025 18:44	WG2435374
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 18:44	WG2435374
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 18:44	WG2435374
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 18:44	WG2435374
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 18:44	WG2435374
Dibromomethane	U		0.000750	0.00500	1	01/17/2025 18:44	WG2435374
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 18:44	WG2435374
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 18:44	WG2435374
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 18:44	WG2435374
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 18:44	WG2435374
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 18:44	WG2435374
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 18:44	WG2435374
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 18:44	WG2435374
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 18:44	WG2435374
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 18:44	WG2435374
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 18:44	WG2435374
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 18:44	WG2435374
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 18:44	WG2435374
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 18:44	WG2435374
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 18:44	WG2435374
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 18:44	WG2435374
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 18:44	WG2435374
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 18:44	WG2435374
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 18:44	WG2435374
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 18:44	WG2435374
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 18:44	WG2435374
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 18:44	WG2435374
Methylene Chloride	0.0106	J	0.00664	0.0250	1	01/17/2025 18:44	WG2435374
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 18:44	WG2435374
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 18:44	WG2435374
Naphthalene	U	C3	0.00488	0.0125	1	01/17/2025 18:44	WG2435374
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 18:44	WG2435374
Styrene	U		0.000229	0.0125	1	01/17/2025 18:44	WG2435374
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 18:44	WG2435374
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 18:44	WG2435374
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 18:44	WG2435374
Tetrachloroethene	U		0.000896	0.00250	1	01/17/2025 18:44	WG2435374
Toluene	U		0.00130	0.00500	1	01/17/2025 18:44	WG2435374
1,2,3-Trichlorobenzene	U	C3	0.00733	0.0125	1	01/17/2025 18:44	WG2435374
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 18:44	WG2435374
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 18:44	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 18:44	WG2435374
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 18:44	WG2435374
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 18:44	WG2435374
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 18:44	WG2435374
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 18:44	WG2435374
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 18:44	WG2435374
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 18:44	WG2435374
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 18:44	WG2435374
Xylenes, Total	U		0.000880	0.00650	1	01/17/2025 18:44	WG2435374
(S) Toluene-d8	*93.9*			*75.0-131*		*01/17/2025 18:44*	WG2435374
(S) 4-Bromofluorobenzene	*96.5*			*67.0-138*		*01/17/2025 18:44*	WG2435374
(S) 1,2-Dichloroethane-d4	*99.0*			*70.0-130*		*01/17/2025 18:44*	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/17/2025 19:04	WG2435374
Acrylonitrile	U		0.00361	0.0125	1	01/17/2025 19:04	WG2435374
Benzene	U		0.000467	0.00100	1	01/17/2025 19:04	WG2435374
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 19:04	WG2435374
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 19:04	WG2435374
Bromoform	U		0.00117	0.0250	1	01/17/2025 19:04	WG2435374
Bromomethane	U	J4	0.00197	0.0125	1	01/17/2025 19:04	WG2435374
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 19:04	WG2435374
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 19:04	WG2435374
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 19:04	WG2435374
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 19:04	WG2435374
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 19:04	WG2435374
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 19:04	WG2435374
Chloroethane	U		0.00170	0.00500	1	01/17/2025 19:04	WG2435374
Chloroform	U		0.00103	0.00250	1	01/17/2025 19:04	WG2435374
Chloromethane	U		0.00435	0.0125	1	01/17/2025 19:04	WG2435374
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 19:04	WG2435374
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 19:04	WG2435374
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 19:04	WG2435374
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 19:04	WG2435374
Dibromomethane	U		0.000750	0.00500	1	01/17/2025 19:04	WG2435374
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 19:04	WG2435374
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 19:04	WG2435374
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 19:04	WG2435374
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 19:04	WG2435374
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 19:04	WG2435374
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 19:04	WG2435374
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 19:04	WG2435374
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 19:04	WG2435374
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 19:04	WG2435374
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 19:04	WG2435374
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 19:04	WG2435374
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 19:04	WG2435374
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 19:04	WG2435374
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 19:04	WG2435374
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 19:04	WG2435374
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 19:04	WG2435374
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 19:04	WG2435374
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 19:04	WG2435374
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 19:04	WG2435374
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 19:04	WG2435374
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 19:04	WG2435374
Methylene Chloride	0.0101	J	0.00664	0.0250	1	01/17/2025 19:04	WG2435374
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 19:04	WG2435374
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 19:04	WG2435374
Naphthalene	U	C3	0.00488	0.0125	1	01/17/2025 19:04	WG2435374
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 19:04	WG2435374
Styrene	U		0.000229	0.0125	1	01/17/2025 19:04	WG2435374
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 19:04	WG2435374
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 19:04	WG2435374
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 19:04	WG2435374
Tetrachloroethene	U		0.000896	0.00250	1	01/17/2025 19:04	WG2435374
Toluene	U		0.00130	0.00500	1	01/17/2025 19:04	WG2435374
1,2,3-Trichlorobenzene	U	C3	0.00733	0.0125	1	01/17/2025 19:04	WG2435374
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 19:04	WG2435374
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 19:04	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 19:04	WG2435374
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 19:04	WG2435374
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 19:04	WG2435374
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 19:04	WG2435374
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 19:04	WG2435374
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 19:04	WG2435374
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 19:04	WG2435374
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 19:04	WG2435374
Xylenes, Total	U		0.000880	0.00650	1	01/17/2025 19:04	WG2435374
(S) Toluene-d8	*108*			*75.0-131*		*01/17/2025 19:04*	WG2435374
(S) 4-Bromofluorobenzene	*99.9*			*67.0-138*		*01/17/2025 19:04*	WG2435374
(S) 1,2-Dichloroethane-d4	*92.0*			*70.0-130*		*01/17/2025 19:04*	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/17/2025 19:24	WG2435374
Acrylonitrile	U		0.00361	0.0125	1	01/17/2025 19:24	WG2435374
Benzene	U		0.000467	0.00100	1	01/17/2025 19:24	WG2435374
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 19:24	WG2435374
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 19:24	WG2435374
Bromoform	U		0.00117	0.0250	1	01/17/2025 19:24	WG2435374
Bromomethane	U	J4	0.00197	0.0125	1	01/17/2025 19:24	WG2435374
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 19:24	WG2435374
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 19:24	WG2435374
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 19:24	WG2435374
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 19:24	WG2435374
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 19:24	WG2435374
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 19:24	WG2435374
Chloroethane	U		0.00170	0.00500	1	01/17/2025 19:24	WG2435374
Chloroform	U		0.00103	0.00250	1	01/17/2025 19:24	WG2435374
Chloromethane	U		0.00435	0.0125	1	01/17/2025 19:24	WG2435374
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 19:24	WG2435374
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 19:24	WG2435374
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 19:24	WG2435374
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 19:24	WG2435374
Dibromomethane	U		0.000750	0.00500	1	01/17/2025 19:24	WG2435374
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 19:24	WG2435374
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 19:24	WG2435374
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 19:24	WG2435374
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 19:24	WG2435374
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 19:24	WG2435374
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 19:24	WG2435374
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 19:24	WG2435374
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 19:24	WG2435374
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 19:24	WG2435374
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 19:24	WG2435374
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 19:24	WG2435374
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 19:24	WG2435374
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 19:24	WG2435374
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 19:24	WG2435374
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 19:24	WG2435374
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 19:24	WG2435374
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 19:24	WG2435374
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 19:24	WG2435374
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 19:24	WG2435374
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 19:24	WG2435374
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 19:24	WG2435374
Methylene Chloride	0.0103	J	0.00664	0.0250	1	01/17/2025 19:24	WG2435374
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 19:24	WG2435374
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 19:24	WG2435374
Naphthalene	U	C3	0.00488	0.0125	1	01/17/2025 19:24	WG2435374
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 19:24	WG2435374
Styrene	U		0.000229	0.0125	1	01/17/2025 19:24	WG2435374
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 19:24	WG2435374
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 19:24	WG2435374
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 19:24	WG2435374
Tetrachloroethene	U		0.000896	0.00250	1	01/17/2025 19:24	WG2435374
Toluene	U		0.00130	0.00500	1	01/17/2025 19:24	WG2435374
1,2,3-Trichlorobenzene	U	C3	0.00733	0.0125	1	01/17/2025 19:24	WG2435374
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 19:24	WG2435374
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 19:24	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 19:24	WG2435374
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 19:24	WG2435374
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 19:24	WG2435374
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 19:24	WG2435374
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 19:24	WG2435374
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 19:24	WG2435374
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 19:24	WG2435374
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 19:24	WG2435374
Xylenes, Total	U		0.000880	0.00650	1	01/17/2025 19:24	WG2435374
(S) Toluene-d8	*102*			*75.0-131*		*01/17/2025 19:24*	WG2435374
(S) 4-Bromofluorobenzene	*99.4*			*67.0-138*		*01/17/2025 19:24*	WG2435374
(S) 1,2-Dichloroethane-d4	*96.1*			*70.0-130*		*01/17/2025 19:24*	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/17/2025 19:44	WG2435374
Acrylonitrile	U		0.00361	0.0125	1	01/17/2025 19:44	WG2435374
Benzene	U		0.000467	0.00100	1	01/17/2025 19:44	WG2435374
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 19:44	WG2435374
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 19:44	WG2435374
Bromoform	U		0.00117	0.0250	1	01/17/2025 19:44	WG2435374
Bromomethane	U	J4	0.00197	0.0125	1	01/17/2025 19:44	WG2435374
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 19:44	WG2435374
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 19:44	WG2435374
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 19:44	WG2435374
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 19:44	WG2435374
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 19:44	WG2435374
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 19:44	WG2435374
Chloroethane	U		0.00170	0.00500	1	01/17/2025 19:44	WG2435374
Chloroform	U		0.00103	0.00250	1	01/17/2025 19:44	WG2435374
Chloromethane	U		0.00435	0.0125	1	01/17/2025 19:44	WG2435374
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 19:44	WG2435374
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 19:44	WG2435374
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 19:44	WG2435374
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 19:44	WG2435374
Dibromomethane	U		0.000750	0.00500	1	01/17/2025 19:44	WG2435374
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 19:44	WG2435374
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 19:44	WG2435374
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 19:44	WG2435374
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 19:44	WG2435374
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 19:44	WG2435374
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 19:44	WG2435374
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 19:44	WG2435374
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 19:44	WG2435374
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 19:44	WG2435374
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 19:44	WG2435374
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 19:44	WG2435374
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 19:44	WG2435374
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 19:44	WG2435374
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 19:44	WG2435374
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 19:44	WG2435374
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 19:44	WG2435374
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 19:44	WG2435374
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 19:44	WG2435374
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 19:44	WG2435374
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 19:44	WG2435374
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 19:44	WG2435374
Methylene Chloride	0.00955	J	0.00664	0.0250	1	01/17/2025 19:44	WG2435374
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 19:44	WG2435374
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 19:44	WG2435374
Naphthalene	U	C3	0.00488	0.0125	1	01/17/2025 19:44	WG2435374
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 19:44	WG2435374
Styrene	U		0.000229	0.0125	1	01/17/2025 19:44	WG2435374
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 19:44	WG2435374
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 19:44	WG2435374
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 19:44	WG2435374
Tetrachloroethene	U		0.000896	0.00250	1	01/17/2025 19:44	WG2435374
Toluene	U		0.00130	0.00500	1	01/17/2025 19:44	WG2435374
1,2,3-Trichlorobenzene	U	C3	0.00733	0.0125	1	01/17/2025 19:44	WG2435374
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 19:44	WG2435374
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 19:44	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 19:44	WG2435374
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 19:44	WG2435374
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 19:44	WG2435374
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 19:44	WG2435374
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 19:44	WG2435374
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 19:44	WG2435374
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 19:44	WG2435374
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 19:44	WG2435374
Xylenes, Total	U		0.000880	0.00650	1	01/17/2025 19:44	WG2435374
(S) Toluene-d8	*102*			*75.0-131*		*01/17/2025 19:44*	WG2435374
(S) 4-Bromofluorobenzene	*97.8*			*67.0-138*		*01/17/2025 19:44*	WG2435374
(S) 1,2-Dichloroethane-d4	*99.6*			*70.0-130*		*01/17/2025 19:44*	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/17/2025 20:05	WG2435374
Acrylonitrile	U		0.00361	0.0125	1	01/17/2025 20:05	WG2435374
Benzene	U		0.000467	0.00100	1	01/17/2025 20:05	WG2435374
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 20:05	WG2435374
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 20:05	WG2435374
Bromoform	U		0.00117	0.0250	1	01/17/2025 20:05	WG2435374
Bromomethane	U	J4	0.00197	0.0125	1	01/17/2025 20:05	WG2435374
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 20:05	WG2435374
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 20:05	WG2435374
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 20:05	WG2435374
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 20:05	WG2435374
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 20:05	WG2435374
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 20:05	WG2435374
Chloroethane	U		0.00170	0.00500	1	01/17/2025 20:05	WG2435374
Chloroform	U		0.00103	0.00250	1	01/17/2025 20:05	WG2435374
Chloromethane	U		0.00435	0.0125	1	01/17/2025 20:05	WG2435374
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 20:05	WG2435374
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 20:05	WG2435374
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 20:05	WG2435374
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 20:05	WG2435374
Dibromomethane	U		0.000750	0.00500	1	01/17/2025 20:05	WG2435374
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 20:05	WG2435374
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 20:05	WG2435374
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 20:05	WG2435374
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 20:05	WG2435374
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 20:05	WG2435374
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 20:05	WG2435374
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 20:05	WG2435374
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 20:05	WG2435374
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 20:05	WG2435374
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 20:05	WG2435374
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 20:05	WG2435374
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 20:05	WG2435374
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 20:05	WG2435374
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 20:05	WG2435374
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 20:05	WG2435374
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 20:05	WG2435374
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 20:05	WG2435374
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 20:05	WG2435374
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 20:05	WG2435374
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 20:05	WG2435374
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 20:05	WG2435374
Methylene Chloride	0.00970	J	0.00664	0.0250	1	01/17/2025 20:05	WG2435374
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 20:05	WG2435374
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 20:05	WG2435374
Naphthalene	U	C3	0.00488	0.0125	1	01/17/2025 20:05	WG2435374
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 20:05	WG2435374
Styrene	U		0.000229	0.0125	1	01/17/2025 20:05	WG2435374
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 20:05	WG2435374
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 20:05	WG2435374
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 20:05	WG2435374
Tetrachloroethene	U		0.000896	0.00250	1	01/17/2025 20:05	WG2435374
Toluene	U		0.00130	0.00500	1	01/17/2025 20:05	WG2435374
1,2,3-Trichlorobenzene	U	C3	0.00733	0.0125	1	01/17/2025 20:05	WG2435374
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 20:05	WG2435374
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 20:05	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 20:05	WG2435374
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 20:05	WG2435374
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 20:05	WG2435374
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 20:05	WG2435374
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 20:05	WG2435374
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 20:05	WG2435374
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 20:05	WG2435374
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 20:05	WG2435374
Xylenes, Total	U		0.000880	0.00650	1	01/17/2025 20:05	WG2435374
(S) Toluene-d8	*101*			*75.0-131*		*01/17/2025 20:05*	WG2435374
(S) 4-Bromofluorobenzene	*95.9*			*67.0-138*		*01/17/2025 20:05*	WG2435374
(S) 1,2-Dichloroethane-d4	*98.8*			*70.0-130*		*01/17/2025 20:05*	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/17/2025 20:25	WG2435374
Acrylonitrile	U		0.00361	0.0125	1	01/17/2025 20:25	WG2435374
Benzene	U		0.000467	0.00100	1	01/17/2025 20:25	WG2435374
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 20:25	WG2435374
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 20:25	WG2435374
Bromoform	U		0.00117	0.0250	1	01/17/2025 20:25	WG2435374
Bromomethane	U	J4	0.00197	0.0125	1	01/17/2025 20:25	WG2435374
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 20:25	WG2435374
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 20:25	WG2435374
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 20:25	WG2435374
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 20:25	WG2435374
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 20:25	WG2435374
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 20:25	WG2435374
Chloroethane	U		0.00170	0.00500	1	01/17/2025 20:25	WG2435374
Chloroform	U		0.00103	0.00250	1	01/17/2025 20:25	WG2435374
Chloromethane	U		0.00435	0.0125	1	01/17/2025 20:25	WG2435374
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 20:25	WG2435374
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 20:25	WG2435374
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 20:25	WG2435374
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 20:25	WG2435374
Dibromomethane	U		0.000750	0.00500	1	01/17/2025 20:25	WG2435374
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 20:25	WG2435374
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 20:25	WG2435374
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 20:25	WG2435374
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 20:25	WG2435374
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 20:25	WG2435374
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 20:25	WG2435374
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 20:25	WG2435374
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 20:25	WG2435374
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 20:25	WG2435374
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 20:25	WG2435374
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 20:25	WG2435374
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 20:25	WG2435374
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 20:25	WG2435374
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 20:25	WG2435374
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 20:25	WG2435374
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 20:25	WG2435374
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 20:25	WG2435374
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 20:25	WG2435374
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 20:25	WG2435374
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 20:25	WG2435374
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 20:25	WG2435374
Methylene Chloride	0.00940	J	0.00664	0.0250	1	01/17/2025 20:25	WG2435374
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 20:25	WG2435374
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 20:25	WG2435374
Naphthalene	U	C3	0.00488	0.0125	1	01/17/2025 20:25	WG2435374
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 20:25	WG2435374
Styrene	U		0.000229	0.0125	1	01/17/2025 20:25	WG2435374
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 20:25	WG2435374
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 20:25	WG2435374
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 20:25	WG2435374
Tetrachloroethene	U		0.000896	0.00250	1	01/17/2025 20:25	WG2435374
Toluene	U		0.00130	0.00500	1	01/17/2025 20:25	WG2435374
1,2,3-Trichlorobenzene	U	C3	0.00733	0.0125	1	01/17/2025 20:25	WG2435374
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 20:25	WG2435374
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 20:25	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 20:25	WG2435374
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 20:25	WG2435374
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 20:25	WG2435374
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 20:25	WG2435374
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 20:25	WG2435374
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 20:25	WG2435374
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 20:25	WG2435374
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 20:25	WG2435374
Xylenes, Total	U		0.000880	0.00650	1	01/17/2025 20:25	WG2435374
(S) Toluene-d8	*101*			*75.0-131*		*01/17/2025 20:25*	WG2435374
(S) 4-Bromofluorobenzene	*96.7*			*67.0-138*		*01/17/2025 20:25*	WG2435374
(S) 1,2-Dichloroethane-d4	*98.9*			*70.0-130*		*01/17/2025 20:25*	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/17/2025 20:45	WG2435374
Acrylonitrile	U		0.00361	0.0125	1	01/17/2025 20:45	WG2435374
Benzene	U		0.000467	0.00100	1	01/17/2025 20:45	WG2435374
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 20:45	WG2435374
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 20:45	WG2435374
Bromoform	U		0.00117	0.0250	1	01/17/2025 20:45	WG2435374
Bromomethane	U	J4	0.00197	0.0125	1	01/17/2025 20:45	WG2435374
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 20:45	WG2435374
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 20:45	WG2435374
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 20:45	WG2435374
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 20:45	WG2435374
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 20:45	WG2435374
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 20:45	WG2435374
Chloroethane	U		0.00170	0.00500	1	01/17/2025 20:45	WG2435374
Chloroform	U		0.00103	0.00250	1	01/17/2025 20:45	WG2435374
Chloromethane	U		0.00435	0.0125	1	01/17/2025 20:45	WG2435374
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 20:45	WG2435374
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 20:45	WG2435374
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 20:45	WG2435374
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 20:45	WG2435374
Dibromomethane	U		0.000750	0.00500	1	01/17/2025 20:45	WG2435374
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 20:45	WG2435374
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 20:45	WG2435374
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 20:45	WG2435374
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 20:45	WG2435374
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 20:45	WG2435374
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 20:45	WG2435374
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 20:45	WG2435374
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 20:45	WG2435374
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 20:45	WG2435374
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 20:45	WG2435374
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 20:45	WG2435374
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 20:45	WG2435374
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 20:45	WG2435374
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 20:45	WG2435374
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 20:45	WG2435374
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 20:45	WG2435374
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 20:45	WG2435374
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 20:45	WG2435374
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 20:45	WG2435374
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 20:45	WG2435374
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 20:45	WG2435374
Methylene Chloride	0.00928	J	0.00664	0.0250	1	01/17/2025 20:45	WG2435374
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 20:45	WG2435374
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 20:45	WG2435374
Naphthalene	U	C3	0.00488	0.0125	1	01/17/2025 20:45	WG2435374
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 20:45	WG2435374
Styrene	U		0.000229	0.0125	1	01/17/2025 20:45	WG2435374
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 20:45	WG2435374
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 20:45	WG2435374
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 20:45	WG2435374
Tetrachloroethene	U		0.000896	0.00250	1	01/17/2025 20:45	WG2435374
Toluene	U		0.00130	0.00500	1	01/17/2025 20:45	WG2435374
1,2,3-Trichlorobenzene	U	C3	0.00733	0.0125	1	01/17/2025 20:45	WG2435374
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 20:45	WG2435374
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 20:45	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 20:45	WG2435374
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 20:45	WG2435374
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 20:45	WG2435374
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 20:45	WG2435374
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 20:45	WG2435374
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 20:45	WG2435374
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 20:45	WG2435374
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 20:45	WG2435374
Xylenes, Total	U		0.000880	0.00650	1	01/17/2025 20:45	WG2435374
(S) Toluene-d8	*100*			*75.0-131*		*01/17/2025 20:45*	WG2435374
(S) 4-Bromofluorobenzene	*90.4*			*67.0-138*		*01/17/2025 20:45*	WG2435374
(S) 1,2-Dichloroethane-d4	*94.5*			*70.0-130*		*01/17/2025 20:45*	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/17/2025 21:05	WG2435374
Acrylonitrile	U		0.00361	0.0125	1	01/17/2025 21:05	WG2435374
Benzene	U		0.000467	0.00100	1	01/17/2025 21:05	WG2435374
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 21:05	WG2435374
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 21:05	WG2435374
Bromoform	U		0.00117	0.0250	1	01/17/2025 21:05	WG2435374
Bromomethane	U	J4	0.00197	0.0125	1	01/17/2025 21:05	WG2435374
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 21:05	WG2435374
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 21:05	WG2435374
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 21:05	WG2435374
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 21:05	WG2435374
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 21:05	WG2435374
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 21:05	WG2435374
Chloroethane	U		0.00170	0.00500	1	01/17/2025 21:05	WG2435374
Chloroform	U		0.00103	0.00250	1	01/17/2025 21:05	WG2435374
Chloromethane	U		0.00435	0.0125	1	01/17/2025 21:05	WG2435374
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 21:05	WG2435374
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 21:05	WG2435374
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 21:05	WG2435374
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 21:05	WG2435374
Dibromomethane	U		0.000750	0.00500	1	01/17/2025 21:05	WG2435374
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 21:05	WG2435374
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 21:05	WG2435374
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 21:05	WG2435374
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 21:05	WG2435374
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 21:05	WG2435374
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 21:05	WG2435374
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 21:05	WG2435374
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 21:05	WG2435374
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 21:05	WG2435374
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 21:05	WG2435374
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 21:05	WG2435374
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 21:05	WG2435374
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 21:05	WG2435374
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 21:05	WG2435374
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 21:05	WG2435374
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 21:05	WG2435374
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 21:05	WG2435374
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 21:05	WG2435374
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 21:05	WG2435374
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 21:05	WG2435374
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 21:05	WG2435374
Methylene Chloride	0.0103	J	0.00664	0.0250	1	01/17/2025 21:05	WG2435374
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 21:05	WG2435374
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 21:05	WG2435374
Naphthalene	U	C3	0.00488	0.0125	1	01/17/2025 21:05	WG2435374
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 21:05	WG2435374
Styrene	U		0.000229	0.0125	1	01/17/2025 21:05	WG2435374
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 21:05	WG2435374
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 21:05	WG2435374
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 21:05	WG2435374
Tetrachloroethene	U		0.000896	0.00250	1	01/17/2025 21:05	WG2435374
Toluene	U		0.00130	0.00500	1	01/17/2025 21:05	WG2435374
1,2,3-Trichlorobenzene	U	C3	0.00733	0.0125	1	01/17/2025 21:05	WG2435374
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 21:05	WG2435374
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 21:05	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 21:05	WG2435374
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 21:05	WG2435374
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 21:05	WG2435374
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 21:05	WG2435374
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 21:05	WG2435374
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 21:05	WG2435374
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 21:05	WG2435374
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 21:05	WG2435374
Xylenes, Total	U		0.000880	0.00650	1	01/17/2025 21:05	WG2435374
(S) Toluene-d8	*103*			*75.0-131*		*01/17/2025 21:05*	WG2435374
(S) 4-Bromofluorobenzene	*103*			*67.0-138*		*01/17/2025 21:05*	WG2435374
(S) 1,2-Dichloroethane-d4	*99.6*			*70.0-130*		*01/17/2025 21:05*	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/17/2025 21:25	WG2435374
Acrylonitrile	U		0.00361	0.0125	1	01/17/2025 21:25	WG2435374
Benzene	U		0.000467	0.00100	1	01/17/2025 21:25	WG2435374
Bromobenzene	U		0.000900	0.0125	1	01/17/2025 21:25	WG2435374
Bromodichloromethane	U		0.000725	0.00250	1	01/17/2025 21:25	WG2435374
Bromoform	U		0.00117	0.0250	1	01/17/2025 21:25	WG2435374
Bromomethane	U	J4	0.00197	0.0125	1	01/17/2025 21:25	WG2435374
n-Butylbenzene	U		0.00525	0.0125	1	01/17/2025 21:25	WG2435374
sec-Butylbenzene	U		0.00288	0.0125	1	01/17/2025 21:25	WG2435374
tert-Butylbenzene	U		0.00195	0.00500	1	01/17/2025 21:25	WG2435374
Carbon tetrachloride	U		0.000898	0.00500	1	01/17/2025 21:25	WG2435374
Chlorobenzene	U		0.000210	0.00250	1	01/17/2025 21:25	WG2435374
Chlorodibromomethane	U		0.000612	0.00250	1	01/17/2025 21:25	WG2435374
Chloroethane	U		0.00170	0.00500	1	01/17/2025 21:25	WG2435374
Chloroform	U		0.00103	0.00250	1	01/17/2025 21:25	WG2435374
Chloromethane	U		0.00435	0.0125	1	01/17/2025 21:25	WG2435374
2-Chlorotoluene	U		0.000865	0.00250	1	01/17/2025 21:25	WG2435374
4-Chlorotoluene	U		0.000450	0.00500	1	01/17/2025 21:25	WG2435374
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/17/2025 21:25	WG2435374
1,2-Dibromoethane	U		0.000648	0.00250	1	01/17/2025 21:25	WG2435374
Dibromomethane	U		0.000750	0.00500	1	01/17/2025 21:25	WG2435374
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/17/2025 21:25	WG2435374
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/17/2025 21:25	WG2435374
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/17/2025 21:25	WG2435374
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/17/2025 21:25	WG2435374
1,1-Dichloroethane	U		0.000491	0.00250	1	01/17/2025 21:25	WG2435374
1,2-Dichloroethane	U		0.000649	0.00250	1	01/17/2025 21:25	WG2435374
1,1-Dichloroethene	U		0.000606	0.00250	1	01/17/2025 21:25	WG2435374
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/17/2025 21:25	WG2435374
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/17/2025 21:25	WG2435374
1,2-Dichloropropane	U		0.00142	0.00500	1	01/17/2025 21:25	WG2435374
1,1-Dichloropropene	U		0.000809	0.00250	1	01/17/2025 21:25	WG2435374
1,3-Dichloropropane	U		0.000501	0.00500	1	01/17/2025 21:25	WG2435374
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/17/2025 21:25	WG2435374
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/17/2025 21:25	WG2435374
2,2-Dichloropropane	U		0.00138	0.00250	1	01/17/2025 21:25	WG2435374
Di-isopropyl ether	U		0.000410	0.00100	1	01/17/2025 21:25	WG2435374
Ethylbenzene	U		0.000737	0.00250	1	01/17/2025 21:25	WG2435374
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	01/17/2025 21:25	WG2435374
Isopropylbenzene	U		0.000425	0.00250	1	01/17/2025 21:25	WG2435374
p-Isopropyltoluene	U		0.00255	0.00500	1	01/17/2025 21:25	WG2435374
2-Butanone (MEK)	U		0.0635	0.100	1	01/17/2025 21:25	WG2435374
Methylene Chloride	0.00945	J	0.00664	0.0250	1	01/17/2025 21:25	WG2435374
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/17/2025 21:25	WG2435374
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/17/2025 21:25	WG2435374
Naphthalene	U	C3	0.00488	0.0125	1	01/17/2025 21:25	WG2435374
n-Propylbenzene	U		0.000950	0.00500	1	01/17/2025 21:25	WG2435374
Styrene	U		0.000229	0.0125	1	01/17/2025 21:25	WG2435374
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/17/2025 21:25	WG2435374
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/17/2025 21:25	WG2435374
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/17/2025 21:25	WG2435374
Tetrachloroethene	U		0.000896	0.00250	1	01/17/2025 21:25	WG2435374
Toluene	U		0.00130	0.00500	1	01/17/2025 21:25	WG2435374
1,2,3-Trichlorobenzene	U	C3	0.00733	0.0125	1	01/17/2025 21:25	WG2435374
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/17/2025 21:25	WG2435374
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/17/2025 21:25	WG2435374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/17/2025 21:25	WG2435374
Trichloroethene	U		0.000584	0.00100	1	01/17/2025 21:25	WG2435374
Trichlorofluoromethane	U		0.000827	0.00250	1	01/17/2025 21:25	WG2435374
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/17/2025 21:25	WG2435374
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 21:25	WG2435374
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/17/2025 21:25	WG2435374
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/17/2025 21:25	WG2435374
Vinyl chloride	U		0.00116	0.00250	1	01/17/2025 21:25	WG2435374
Xylenes, Total	U		0.000880	0.00650	1	01/17/2025 21:25	WG2435374
(S) Toluene-d8	*93.2*			*75.0-131*		*01/17/2025 21:25*	WG2435374
(S) 4-Bromofluorobenzene	*97.9*			*67.0-138*		*01/17/2025 21:25*	WG2435374
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*01/17/2025 21:25*	WG2435374

Method Blank (MB)

(MB) R4168286-2 01/17/25 10:52

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4168286-2 01/17/25 10:52

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,2,3-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*97.9*			*75.0-131*
(S) 4-Bromofluorobenzene	*106*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4168286-1 01/17/25 09:37

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.625	1.16	186	10.0-160	J4
Acrylonitrile	0.625	0.936	150	45.0-153	
Benzene	0.125	0.129	103	70.0-123	
Bromobenzene	0.125	0.132	106	73.0-121	
Bromodichloromethane	0.125	0.132	106	73.0-121	

Laboratory Control Sample (LCS)

(LCS) R4168286-1 01/17/25 09:37

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromoform	0.125	0.137	110	64.0-132	
Bromomethane	0.125	0.113	90.4	56.0-147	
n-Butylbenzene	0.125	0.114	91.2	68.0-135	
sec-Butylbenzene	0.125	0.126	101	74.0-130	
tert-Butylbenzene	0.125	0.119	95.2	75.0-127	
Carbon tetrachloride	0.125	0.144	115	66.0-128	
Chlorobenzene	0.125	0.131	105	76.0-128	
Chlorodibromomethane	0.125	0.142	114	74.0-127	
Chloroethane	0.125	0.131	105	61.0-134	
Chloroform	0.125	0.144	115	72.0-123	
Chloromethane	0.125	0.142	114	51.0-138	
2-Chlorotoluene	0.125	0.125	100	75.0-124	
4-Chlorotoluene	0.125	0.119	95.2	75.0-124	
1,2-Dibromo-3-Chloropropane	0.125	0.133	106	59.0-130	
1,2-Dibromoethane	0.125	0.156	125	74.0-128	
Dibromomethane	0.125	0.163	130	75.0-122	J4
1,2-Dichlorobenzene	0.125	0.137	110	76.0-124	
1,3-Dichlorobenzene	0.125	0.132	106	76.0-125	
1,4-Dichlorobenzene	0.125	0.124	99.2	77.0-121	
Dichlorodifluoromethane	0.125	0.179	143	43.0-156	
1,1-Dichloroethane	0.125	0.133	106	70.0-127	
1,2-Dichloroethane	0.125	0.141	113	65.0-131	
1,1-Dichloroethene	0.125	0.134	107	65.0-131	
cis-1,2-Dichloroethene	0.125	0.137	110	73.0-125	
trans-1,2-Dichloroethene	0.125	0.140	112	71.0-125	
1,2-Dichloropropane	0.125	0.133	106	74.0-125	
1,1-Dichloropropene	0.125	0.137	110	73.0-125	
1,3-Dichloropropane	0.125	0.138	110	80.0-125	
cis-1,3-Dichloropropene	0.125	0.129	103	76.0-127	
trans-1,3-Dichloropropene	0.125	0.128	102	73.0-127	
2,2-Dichloropropane	0.125	0.138	110	59.0-135	
Di-isopropyl ether	0.125	0.118	94.4	60.0-136	
Ethylbenzene	0.125	0.119	95.2	74.0-126	
Hexachloro-1,3-butadiene	0.125	0.115	92.0	57.0-150	
Isopropylbenzene	0.125	0.126	101	72.0-127	
p-Isopropyltoluene	0.125	0.125	100	72.0-133	
2-Butanone (MEK)	0.625	0.788	126	30.0-160	
Methylene Chloride	0.125	0.145	116	68.0-123	
4-Methyl-2-pentanone (MIBK)	0.625	0.647	104	56.0-143	
Methyl tert-butyl ether	0.125	0.137	110	66.0-132	

Laboratory Control Sample (LCS)

(LCS) R4168286-1 01/17/25 09:37

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Naphthalene	0.125	0.146	117	59.0-130	
n-Propylbenzene	0.125	0.118	94.4	74.0-126	
Styrene	0.125	0.131	105	72.0-127	
1,1,1,2-Tetrachloroethane	0.125	0.128	102	74.0-129	
1,1,2,2-Tetrachloroethane	0.125	0.128	102	68.0-128	
1,1,2-Trichlorotrifluoroethane	0.125	0.142	114	61.0-139	
Tetrachloroethene	0.125	0.138	110	70.0-136	
Toluene	0.125	0.137	110	75.0-121	
1,2,3-Trichlorobenzene	0.125	0.125	100	59.0-139	
1,2,4-Trichlorobenzene	0.125	0.122	97.6	62.0-137	
1,1,1-Trichloroethane	0.125	0.147	118	69.0-126	
1,1,2-Trichloroethane	0.125	0.136	109	78.0-123	
Trichloroethene	0.125	0.139	111	76.0-126	
Trichlorofluoromethane	0.125	0.119	95.2	61.0-142	
1,2,3-Trichloropropane	0.125	0.161	129	67.0-129	
1,2,4-Trimethylbenzene	0.125	0.126	101	70.0-126	
1,2,3-Trimethylbenzene	0.125	0.123	98.4	74.0-124	
1,3,5-Trimethylbenzene	0.125	0.124	99.2	73.0-127	
Vinyl chloride	0.125	0.117	93.6	63.0-134	
Xylenes, Total	0.375	0.382	102	72.0-127	
(S) Toluene-d8			*95.1*	*75.0-131*	
(S) 4-Bromofluorobenzene			*102*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*107*	*70.0-130*	

Method Blank (MB)

(MB) R4168454-3 01/17/25 11:03

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4168454-3 01/17/25 11:03

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,2,3-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*101*			*75.0-131*
(S) 4-Bromofluorobenzene	*96.8*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4168454-1 01/17/25 09:26 • (LCSD) R4168454-2 01/17/25 09:46

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.535	0.475	85.6	76.0	10.0-160			11.9	31
Acrylonitrile	0.625	0.726	0.575	116	92.0	45.0-153		J3	23.2	22
Benzene	0.125	0.124	0.121	99.2	96.8	70.0-123			2.45	20
Bromobenzene	0.125	0.124	0.126	99.2	101	73.0-121			1.60	20
Bromodichloromethane	0.125	0.131	0.128	105	102	73.0-121			2.32	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4168454-1 01/17/25 09:26 • (LCSD) R4168454-2 01/17/25 09:46

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	0.125	0.127	0.131	102	105	64.0-132			3.10	20
Bromomethane	0.125	0.116	0.122	92.8	97.6	56.0-147			5.04	20
n-Butylbenzene	0.125	0.118	0.117	94.4	93.6	68.0-135			0.851	20
sec-Butylbenzene	0.125	0.128	0.125	102	100	74.0-130			2.37	20
tert-Butylbenzene	0.125	0.144	0.127	115	102	75.0-127			12.5	20
Carbon tetrachloride	0.125	0.134	0.130	107	104	66.0-128			3.03	20
Chlorobenzene	0.125	0.126	0.130	101	104	76.0-128			3.12	20
Chlorodibromomethane	0.125	0.137	0.142	110	114	74.0-127			3.58	20
Chloroethane	0.125	0.116	0.119	92.8	95.2	61.0-134			2.55	20
Chloroform	0.125	0.119	0.116	95.2	92.8	72.0-123			2.55	20
Chloromethane	0.125	0.140	0.140	112	112	51.0-138			0.000	20
2-Chlorotoluene	0.125	0.115	0.121	92.0	96.8	75.0-124			5.08	20
4-Chlorotoluene	0.125	0.124	0.127	99.2	102	75.0-124			2.39	20
1,2-Dibromo-3-Chloropropane	0.125	0.117	0.111	93.6	88.8	59.0-130			5.26	20
1,2-Dibromoethane	0.125	0.126	0.130	101	104	74.0-128			3.12	20
Dibromomethane	0.125	0.130	0.125	104	100	75.0-122			3.92	20
1,2-Dichlorobenzene	0.125	0.119	0.120	95.2	96.0	76.0-124			0.837	20
1,3-Dichlorobenzene	0.125	0.120	0.125	96.0	100	76.0-125			4.08	20
1,4-Dichlorobenzene	0.125	0.119	0.119	95.2	95.2	77.0-121			0.000	20
Dichlorodifluoromethane	0.125	0.167	0.165	134	132	43.0-156			1.20	20
1,1-Dichloroethane	0.125	0.123	0.128	98.4	102	70.0-127			3.98	20
1,2-Dichloroethane	0.125	0.130	0.134	104	107	65.0-131			3.03	20
1,1-Dichloroethene	0.125	0.124	0.122	99.2	97.6	65.0-131			1.63	20
cis-1,2-Dichloroethene	0.125	0.123	0.121	98.4	96.8	73.0-125			1.64	20
trans-1,2-Dichloroethene	0.125	0.131	0.128	105	102	71.0-125			2.32	20
1,2-Dichloropropane	0.125	0.123	0.128	98.4	102	74.0-125			3.98	20
1,1-Dichloropropene	0.125	0.124	0.126	99.2	101	73.0-125			1.60	20
1,3-Dichloropropane	0.125	0.118	0.124	94.4	99.2	80.0-125			4.96	20
cis-1,3-Dichloropropene	0.125	0.121	0.126	96.8	101	76.0-127			4.05	20
trans-1,3-Dichloropropene	0.125	0.117	0.119	93.6	95.2	73.0-127			1.69	20
2,2-Dichloropropane	0.125	0.128	0.119	102	95.2	59.0-135			7.29	20
Di-isopropyl ether	0.125	0.141	0.133	113	106	60.0-136			5.84	20
Ethylbenzene	0.125	0.124	0.126	99.2	101	74.0-126			1.60	20
Hexachloro-1,3-butadiene	0.125	0.118	0.128	94.4	102	57.0-150			8.13	20
Isopropylbenzene	0.125	0.131	0.129	105	103	72.0-127			1.54	20
p-Isopropyltoluene	0.125	0.125	0.121	100	96.8	72.0-133			3.25	20
2-Butanone (MEK)	0.625	0.649	0.657	104	105	30.0-160			1.23	24
Methylene Chloride	0.125	0.123	0.123	98.4	98.4	68.0-123			0.000	20
4-Methyl-2-pentanone (MIBK)	0.625	0.659	0.622	105	99.5	56.0-143			5.78	20
Methyl tert-butyl ether	0.125	0.127	0.121	102	96.8	66.0-132			4.84	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4168454-1 01/17/25 09:26 • (LCSD) R4168454-2 01/17/25 09:46

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.125	0.118	0.109	94.4	87.2	59.0-130			7.93	20
n-Propylbenzene	0.125	0.122	0.123	97.6	98.4	74.0-126			0.816	20
Styrene	0.125	0.121	0.121	96.8	96.8	72.0-127			0.000	20
1,1,1,2-Tetrachloroethane	0.125	0.132	0.129	106	103	74.0-129			2.30	20
1,1,2,2-Tetrachloroethane	0.125	0.119	0.113	95.2	90.4	68.0-128			5.17	20
1,1,2-Trichlorotrifluoroethane	0.125	0.127	0.129	102	103	61.0-139			1.56	20
Tetrachloroethene	0.125	0.132	0.137	106	110	70.0-136			3.72	20
Toluene	0.125	0.123	0.126	98.4	101	75.0-121			2.41	20
1,2,3-Trichlorobenzene	0.125	0.112	0.111	89.6	88.8	59.0-139			0.897	20
1,2,4-Trichlorobenzene	0.125	0.113	0.115	90.4	92.0	62.0-137			1.75	20
1,1,1-Trichloroethane	0.125	0.131	0.129	105	103	69.0-126			1.54	20
1,1,2-Trichloroethane	0.125	0.119	0.122	95.2	97.6	78.0-123			2.49	20
Trichloroethene	0.125	0.134	0.130	107	104	76.0-126			3.03	20
Trichlorofluoromethane	0.125	0.137	0.144	110	115	61.0-142			4.98	20
1,2,3-Trichloropropane	0.125	0.122	0.119	97.6	95.2	67.0-129			2.49	20
1,2,4-Trimethylbenzene	0.125	0.122	0.120	97.6	96.0	70.0-126			1.65	20
1,2,3-Trimethylbenzene	0.125	0.124	0.123	99.2	98.4	74.0-124			0.810	20
1,3,5-Trimethylbenzene	0.125	0.123	0.123	98.4	98.4	73.0-127			0.000	20
Vinyl chloride	0.125	0.124	0.124	99.2	99.2	63.0-134			0.000	20
Xylenes, Total	0.375	0.375	0.378	100	101	72.0-127			0.797	20
(S) Toluene-d8				*98.9*	*98.9*	*75.0-131*				
(S) 4-Bromofluorobenzene				*99.2*	*100*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*112*	*109*	*70.0-130*				

L1816910-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1816910-03 01/17/25 15:32 • (MS) R4168454-4 01/17/25 21:18 • (MSD) R4168454-5 01/17/25 21:37

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	0.763	U	0.347	0.324	45.5	42.5	1.22	10.0-160			6.86	40
Acrylonitrile	0.763	U	0.533	0.377	69.9	49.4	1.22	10.0-160			34.3	40
Benzene	0.153	U	0.0729	0.143	47.6	93.5	1.22	10.0-149		J3	64.9	37
Bromobenzene	0.153	U	0.109	0.158	71.2	103	1.22	10.0-156			36.7	38
Bromodichloromethane	0.153	U	0.0959	0.146	62.7	95.4	1.22	10.0-143		J3	41.4	37
Bromoform	0.153	U	0.128	0.144	83.7	94.1	1.22	10.0-146			11.8	36
Bromomethane	0.153	U	0.0432	0.0910	28.2	59.5	1.22	10.0-149		J3	71.2	38
n-Butylbenzene	0.153	U	0.0712	0.159	46.5	104	1.22	10.0-160		J3	76.3	40
sec-Butylbenzene	0.153	U	0.0746	0.164	48.8	107	1.22	10.0-159		J3	74.9	39
tert-Butylbenzene	0.153	U	0.0729	0.161	47.6	105	1.22	10.0-156		J3	75.3	39

L1816910-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1816910-03 01/17/25 15:32 • (MS) R4168454-4 01/17/25 21:18 • (MSD) R4168454-5 01/17/25 21:37

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Carbon tetrachloride	0.153	U	0.0526	0.152	34.4	99.3	1.22	10.0-145		J3	97.2	37
Chlorobenzene	0.153	U	0.0910	0.159	59.5	104	1.22	10.0-152		J3	54.4	39
Chlorodibromomethane	0.153	U	0.125	0.160	81.7	105	1.22	10.0-146			24.6	37
Chloroethane	0.153	U	0.0313	0.0787	20.5	51.4	1.22	10.0-146		J3	86.2	40
Chloroform	0.153	U	0.0761	0.133	49.7	86.9	1.22	10.0-146		J3	54.4	37
Chloromethane	0.153	U	0.0527	0.123	34.4	80.4	1.22	10.0-159		J3	80.0	37
2-Chlorotoluene	0.153	U	0.0876	0.152	57.3	99.3	1.22	10.0-159		J3	53.8	38
4-Chlorotoluene	0.153	U	0.0908	0.156	59.3	102	1.22	10.0-155		J3	52.8	39
1,2-Dibromo-3-Chloropropane	0.153	U	0.112	0.110	73.2	71.9	1.22	10.0-151			1.80	39
1,2-Dibromoethane	0.153	U	0.131	0.151	85.6	98.7	1.22	10.0-148			14.2	34
Dibromomethane	0.153	U	0.0997	0.136	65.2	88.9	1.22	10.0-147			30.8	35
1,2-Dichlorobenzene	0.153	U	0.104	0.146	68.0	95.4	1.22	10.0-155			33.6	37
1,3-Dichlorobenzene	0.153	U	0.0941	0.145	61.5	94.8	1.22	10.0-153		J3	42.6	38
1,4-Dichlorobenzene	0.153	U	0.0994	0.146	65.0	95.4	1.22	10.0-151			38.0	38
Dichlorodifluoromethane	0.153	U	0.0516	0.173	33.7	113	1.22	10.0-160		J3	108	35
1,1-Dichloroethane	0.153	U	0.0693	0.141	45.3	92.2	1.22	10.0-147		J3	68.2	37
1,2-Dichloroethane	0.153	U	0.105	0.143	68.6	93.5	1.22	10.0-148			30.6	35
1,1-Dichloroethene	0.153	U	0.0449	0.123	29.3	80.4	1.22	10.0-155		J3	93.0	37
cis-1,2-Dichloroethene	0.153	U	0.0748	0.139	48.9	90.8	1.22	10.0-149		J3	60.1	37
trans-1,2-Dichloroethene	0.153	U	0.0601	0.133	39.3	86.9	1.22	10.0-150		J3	75.5	37
1,2-Dichloropropane	0.153	U	0.0887	0.139	58.0	90.8	1.22	10.0-148		J3	44.2	37
1,1-Dichloropropene	0.153	U	0.0528	0.138	34.5	90.2	1.22	10.0-153		J3	89.3	35
1,3-Dichloropropane	0.153	U	0.121	0.143	79.1	93.5	1.22	10.0-154			16.7	35
cis-1,3-Dichloropropene	0.153	U	0.102	0.145	66.7	94.8	1.22	10.0-151			34.8	37
trans-1,3-Dichloropropene	0.153	U	0.112	0.142	73.2	92.8	1.22	10.0-148			23.6	37
2,2-Dichloropropane	0.153	U	0.0494	0.116	32.3	75.8	1.22	10.0-138		J3	80.5	36
Di-isopropyl ether	0.153	U	0.105	0.151	68.6	98.7	1.22	10.0-147			35.9	36
Ethylbenzene	0.153	U	0.0735	0.152	48.0	99.3	1.22	10.0-160		J3	69.6	38
Hexachloro-1,3-butadiene	0.153	U	0.0713	0.158	46.6	103	1.22	10.0-160		J3	75.6	40
Isopropylbenzene	0.153	U	0.0741	0.164	48.4	107	1.22	10.0-155		J3	75.5	38
p-Isopropyltoluene	0.153	U	0.0763	0.161	49.9	105	1.22	10.0-160		J3	71.4	40
2-Butanone (MEK)	0.763	U	0.552	0.464	72.3	60.8	1.22	10.0-160			17.3	40
Methylene Chloride	0.153	U	0.0840	0.132	54.9	86.3	1.22	10.0-141		J3	44.4	37
4-Methyl-2-pentanone (MIBK)	0.763	U	0.726	0.686	95.2	89.9	1.22	10.0-160			5.67	35
Methyl tert-butyl ether	0.153	U	0.130	0.132	85.0	86.3	1.22	11.0-147			1.53	35
Naphthalene	0.153	U	0.117	0.123	76.5	80.4	1.22	10.0-160			5.00	36
n-Propylbenzene	0.153	U	0.0754	0.160	49.3	105	1.22	10.0-158		J3	71.9	38
Styrene	0.153	U	0.0922	0.149	60.3	97.4	1.22	10.0-160		J3	47.1	40
1,1,1,2-Tetrachloroethane	0.153	U	0.105	0.157	68.6	103	1.22	10.0-149		J3	39.7	39
1,1,2,2-Tetrachloroethane	0.153	U	0.154	0.147	101	96.1	1.22	10.0-160			4.65	35

L1816910-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1816910-03 01/17/25 15:32 • (MS) R4168454-4 01/17/25 21:18 • (MSD) R4168454-5 01/17/25 21:37

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,1,2-Trichlorotrifluoroethane	0.153	U	0.0454	0.141	29.7	92.2	1.22	10.0-160		J3	103	36
Tetrachloroethene	0.153	U	0.0645	0.160	42.2	105	1.22	10.0-156		J3	85.1	39
Toluene	0.153	U	0.0788	0.154	51.5	101	1.22	10.0-156		J3	64.6	38
1,2,3-Trichlorobenzene	0.153	U	0.111	0.133	72.5	86.9	1.22	10.0-160			18.0	40
1,2,4-Trichlorobenzene	0.153	U	0.107	0.146	69.9	95.4	1.22	10.0-160			30.8	40
1,1,1-Trichloroethane	0.153	U	0.0602	0.150	39.3	98.0	1.22	10.0-144		J3	85.4	35
1,1,2-Trichloroethane	0.153	U	0.117	0.141	76.5	92.2	1.22	10.0-160			18.6	35
Trichloroethene	0.153	U	0.0714	0.147	46.7	96.1	1.22	10.0-156		J3	69.2	38
Trichlorofluoromethane	0.153	U	0.0351	0.106	22.9	69.3	1.22	10.0-160		J3	100	40
1,2,3-Trichloropropane	0.153	U	0.149	0.146	97.4	95.4	1.22	10.0-156			2.03	35
1,2,4-Trimethylbenzene	0.153	U	0.0892	0.159	58.3	104	1.22	10.0-160		J3	56.2	36
1,2,3-Trimethylbenzene	0.153	U	0.0985	0.151	64.4	98.7	1.22	10.0-160		J3	42.1	36
1,3,5-Trimethylbenzene	0.153	U	0.0837	0.160	54.7	105	1.22	10.0-160		J3	62.6	38
Vinyl chloride	0.153	U	0.0453	0.133	29.6	86.9	1.22	10.0-160		J3	98.4	37
Xylenes, Total	0.458	0.00143	0.246	0.469	53.4	102	1.22	10.0-160		J3	62.4	38
(S) Toluene-d8					*102*	*102*		*75.0-131*				
(S) 4-Bromofluorobenzene					*99.4*	*98.8*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*97.5*	*99.5*		*70.0-130*				

Method Blank (MB)

(MB) R4168747-2 01/17/25 11:11

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4168747-2 01/17/25 11:11

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,2,3-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*103*			*75.0-131*
(S) 4-Bromofluorobenzene	*96.9*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*97.7*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4168747-1 01/17/25 09:50

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.625	0.957	153	10.0-160	
Acrylonitrile	0.625	0.756	121	45.0-153	
Benzene	0.125	0.116	92.8	70.0-123	
Bromobenzene	0.125	0.134	107	73.0-121	
Bromodichloromethane	0.125	0.125	100	73.0-121	

Laboratory Control Sample (LCS)

(LCS) R4168747-1 01/17/25 09:50

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromoform	0.125	0.115	92.0	64.0-132	
Bromomethane	0.125	0.210	168	56.0-147	J4
n-Butylbenzene	0.125	0.119	95.2	68.0-135	
sec-Butylbenzene	0.125	0.121	96.8	74.0-130	
tert-Butylbenzene	0.125	0.123	98.4	75.0-127	
Carbon tetrachloride	0.125	0.132	106	66.0-128	
Chlorobenzene	0.125	0.125	100	76.0-128	
Chlorodibromomethane	0.125	0.122	97.6	74.0-127	
Chloroethane	0.125	0.141	113	61.0-134	
Chloroform	0.125	0.121	96.8	72.0-123	
Chloromethane	0.125	0.140	112	51.0-138	
2-Chlorotoluene	0.125	0.131	105	75.0-124	
4-Chlorotoluene	0.125	0.125	100	75.0-124	
1,2-Dibromo-3-Chloropropane	0.125	0.120	96.0	59.0-130	
1,2-Dibromoethane	0.125	0.134	107	74.0-128	
Dibromomethane	0.125	0.138	110	75.0-122	
1,2-Dichlorobenzene	0.125	0.126	101	76.0-124	
1,3-Dichlorobenzene	0.125	0.128	102	76.0-125	
1,4-Dichlorobenzene	0.125	0.121	96.8	77.0-121	
Dichlorodifluoromethane	0.125	0.159	127	43.0-156	
1,1-Dichloroethane	0.125	0.121	96.8	70.0-127	
1,2-Dichloroethane	0.125	0.127	102	65.0-131	
1,1-Dichloroethene	0.125	0.130	104	65.0-131	
cis-1,2-Dichloroethene	0.125	0.129	103	73.0-125	
trans-1,2-Dichloroethene	0.125	0.123	98.4	71.0-125	
1,2-Dichloropropane	0.125	0.133	106	74.0-125	
1,1-Dichloropropene	0.125	0.116	92.8	73.0-125	
1,3-Dichloropropane	0.125	0.136	109	80.0-125	
cis-1,3-Dichloropropene	0.125	0.132	106	76.0-127	
trans-1,3-Dichloropropene	0.125	0.127	102	73.0-127	
2,2-Dichloropropane	0.125	0.112	89.6	59.0-135	
Di-isopropyl ether	0.125	0.134	107	60.0-136	
Ethylbenzene	0.125	0.117	93.6	74.0-126	
Hexachloro-1,3-butadiene	0.125	0.136	109	57.0-150	
Isopropylbenzene	0.125	0.129	103	72.0-127	
p-Isopropyltoluene	0.125	0.127	102	72.0-133	
2-Butanone (MEK)	0.625	0.830	133	30.0-160	
Methylene Chloride	0.125	0.136	109	68.0-123	
4-Methyl-2-pentanone (MIBK)	0.625	0.767	123	56.0-143	
Methyl tert-butyl ether	0.125	0.134	107	66.0-132	

Laboratory Control Sample (LCS)

(LCS) R4168747-1 01/17/25 09:50

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Naphthalene	0.125	0.116	92.8	59.0-130	
n-Propylbenzene	0.125	0.125	100	74.0-126	
Styrene	0.125	0.116	92.8	72.0-127	
1,1,1,2-Tetrachloroethane	0.125	0.122	97.6	74.0-129	
1,1,2,2-Tetrachloroethane	0.125	0.135	108	68.0-128	
1,1,2-Trichlorotrifluoroethane	0.125	0.129	103	61.0-139	
Tetrachloroethene	0.125	0.121	96.8	70.0-136	
Toluene	0.125	0.121	96.8	75.0-121	
1,2,3-Trichlorobenzene	0.125	0.115	92.0	59.0-139	
1,2,4-Trichlorobenzene	0.125	0.117	93.6	62.0-137	
1,1,1-Trichloroethane	0.125	0.123	98.4	69.0-126	
1,1,2-Trichloroethane	0.125	0.131	105	78.0-123	
Trichloroethene	0.125	0.134	107	76.0-126	
Trichlorofluoromethane	0.125	0.140	112	61.0-142	
1,2,3-Trichloropropane	0.125	0.151	121	67.0-129	
1,2,4-Trimethylbenzene	0.125	0.124	99.2	70.0-126	
1,2,3-Trimethylbenzene	0.125	0.122	97.6	74.0-124	
1,3,5-Trimethylbenzene	0.125	0.120	96.0	73.0-127	
Vinyl chloride	0.125	0.136	109	63.0-134	
Xylenes, Total	0.375	0.316	84.3	72.0-127	
(S) Toluene-d8			*101*	*75.0-131*	
(S) 4-Bromofluorobenzene			*95.7*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*103*	*70.0-130*	

Method Blank (MB)

(MB) R4169130-2 01/21/25 11:04

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4169130-2 01/21/25 11:04

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,2,3-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*98.3*			*75.0-131*
(S) 4-Bromofluorobenzene	*98.6*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*99.4*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4169130-1 01/21/25 09:48

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.625	0.724	116	10.0-160	
Acrylonitrile	0.625	0.841	135	45.0-153	
Benzene	0.125	0.114	91.2	70.0-123	
Bromobenzene	0.125	0.122	97.6	73.0-121	
Bromodichloromethane	0.125	0.122	97.6	73.0-121	

Laboratory Control Sample (LCS)

(LCS) R4169130-1 01/21/25 09:48

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromoform	0.125	0.0999	79.9	64.0-132	
Bromomethane	0.125	0.0895	71.6	56.0-147	
n-Butylbenzene	0.125	0.123	98.4	68.0-135	
sec-Butylbenzene	0.125	0.127	102	74.0-130	
tert-Butylbenzene	0.125	0.124	99.2	75.0-127	
Carbon tetrachloride	0.125	0.105	84.0	66.0-128	
Chlorobenzene	0.125	0.108	86.4	76.0-128	
Chlorodibromomethane	0.125	0.110	88.0	74.0-127	
Chloroethane	0.125	0.117	93.6	61.0-134	
Chloroform	0.125	0.108	86.4	72.0-123	
Chloromethane	0.125	0.119	95.2	51.0-138	
2-Chlorotoluene	0.125	0.131	105	75.0-124	
4-Chlorotoluene	0.125	0.133	106	75.0-124	
1,2-Dibromo-3-Chloropropane	0.125	0.109	87.2	59.0-130	
1,2-Dibromoethane	0.125	0.119	95.2	74.0-128	
Dibromomethane	0.125	0.116	92.8	75.0-122	
1,2-Dichlorobenzene	0.125	0.112	89.6	76.0-124	
1,3-Dichlorobenzene	0.125	0.114	91.2	76.0-125	
1,4-Dichlorobenzene	0.125	0.120	96.0	77.0-121	
Dichlorodifluoromethane	0.125	0.109	87.2	43.0-156	
1,1-Dichloroethane	0.125	0.129	103	70.0-127	
1,2-Dichloroethane	0.125	0.116	92.8	65.0-131	
1,1-Dichloroethene	0.125	0.118	94.4	65.0-131	
cis-1,2-Dichloroethene	0.125	0.112	89.6	73.0-125	
trans-1,2-Dichloroethene	0.125	0.107	85.6	71.0-125	
1,2-Dichloropropane	0.125	0.134	107	74.0-125	
1,1-Dichloropropene	0.125	0.121	96.8	73.0-125	
1,3-Dichloropropane	0.125	0.125	100	80.0-125	
cis-1,3-Dichloropropene	0.125	0.129	103	76.0-127	
trans-1,3-Dichloropropene	0.125	0.132	106	73.0-127	
2,2-Dichloropropane	0.125	0.117	93.6	59.0-135	
Di-isopropyl ether	0.125	0.146	117	60.0-136	
Ethylbenzene	0.125	0.112	89.6	74.0-126	
Hexachloro-1,3-butadiene	0.125	0.0978	78.2	57.0-150	
Isopropylbenzene	0.125	0.111	88.8	72.0-127	
p-Isopropyltoluene	0.125	0.127	102	72.0-133	
2-Butanone (MEK)	0.625	0.813	130	30.0-160	
Methylene Chloride	0.125	0.111	88.8	68.0-123	
4-Methyl-2-pentanone (MIBK)	0.625	0.691	111	56.0-143	
Methyl tert-butyl ether	0.125	0.130	104	66.0-132	

Laboratory Control Sample (LCS)

(LCS) R4169130-1 01/21/25 09:48

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Naphthalene	0.125	0.103	82.4	59.0-130	
n-Propylbenzene	0.125	0.127	102	74.0-126	
Styrene	0.125	0.115	92.0	72.0-127	
1,1,1,2-Tetrachloroethane	0.125	0.111	88.8	74.0-129	
1,1,2,2-Tetrachloroethane	0.125	0.145	116	68.0-128	
1,1,2-Trichlorotrifluoroethane	0.125	0.109	87.2	61.0-139	
Tetrachloroethene	0.125	0.107	85.6	70.0-136	
Toluene	0.125	0.110	88.0	75.0-121	
1,2,3-Trichlorobenzene	0.125	0.106	84.8	59.0-139	
1,2,4-Trichlorobenzene	0.125	0.108	86.4	62.0-137	
1,1,1-Trichloroethane	0.125	0.110	88.0	69.0-126	
1,1,2-Trichloroethane	0.125	0.116	92.8	78.0-123	
Trichloroethene	0.125	0.111	88.8	76.0-126	
Trichlorofluoromethane	0.125	0.124	99.2	61.0-142	
1,2,3-Trichloropropane	0.125	0.137	110	67.0-129	
1,2,4-Trimethylbenzene	0.125	0.128	102	70.0-126	
1,2,3-Trimethylbenzene	0.125	0.125	100	74.0-124	
1,3,5-Trimethylbenzene	0.125	0.121	96.8	73.0-127	
Vinyl chloride	0.125	0.138	110	63.0-134	
Xylenes, Total	0.375	0.328	87.5	72.0-127	
(S) Toluene-d8			*96.3*	*75.0-131*	
(S) 4-Bromofluorobenzene			*96.9*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*102*	*70.0-130*	

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
C5	The reported concentration is an estimate. The continuing calibration standard associated with this data responded high. Data is likely to show a high bias concerning the result.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
ERO Resources
1626 Cole Blvd.
Suite 100
Lakewood. CO 80401

Billing Information:
ERO Resources
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Report to: **Jack Denman**

Email To: **jdenman@eroresources.com;smitchell@eroreso**

Project Description: **SC-Thornton**

City/State Collected: Thornton, CO

Please Circle: PT (MT) CT ET

Phone: **720-812-3576**

Client Project # 24-260

Lab Project # **ERORESDCO-TSCTHORN**

Collected by (print): Emily True

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Std TAT

Analysis / Container / Preservative

Pres Chk

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOCs 8260 4ozClr-NoPres										Remarks	Sample # (lab only)
MW-BD-12.5	Grab	SS	12.5	1-13-25	0915	1	X											-01
MW-BD-17.5	Grab	SS	17.5	1-13-25	0925	1	X											-02
MW-BD-23	Grab	SS	23.0	1-13-25	1015	1	X											-03
MW-BD-27.5	Grab	SS	27.5	1-13-25	1025	1	X											-04
MW-BD-32.5	Grab	SS	32.5	1-13-25	1045 1035 DUP	1	X											-05
MW-BD-37.5	Grab	SS	37.5	1-13-25	1110	1	X											-06
MW-BD-42.5	Grab	SS	42.5	1-13-25	1155	1	X											-07
MW-BD-47.5	Grab	SS	47.5	1-13-25	1205	1	X											-08
MW-BD-52.5	Grab	SS	52.5	1-13-25	1220	1	X											-09
MW-BD-60	Grab	SS	60.0	1-13-25	1245	1	X											-10

Chain of Custody Page 1 of 3

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1816980

Table # K098

Acctnum: **ERORESDCO**
Template: **T266000**
Prelogin: **P1122790**
PM: **3768 - Jordan Dozier**
PB:
Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __ UPS X FedEx __ Courier _____

Tracking # 4257 0935 7638

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: X Y __N
Bottles arrive intact: X Y __N
Correct bottles used: X Y __N
Sufficient volume sent: X Y __N
If Applicable
VOA Zero Headspace: X Y __N
Preservation Correct/Checked: X Y __N
RAD Screen <0.5 mR/hr: X Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	1/13/25	1323	Sole Canaing
Sole Canaing	1/13/25	1800	FEDEX
			Received for lab by: (Signature)
			Date: 1/15/25 Time: 8:00 a.m.

Trip Blank Received: Yes (No) HCL / MeoH TBR

Temp: °C Bottles Received: TEMP 0.1 ID=0.1 25

If preservation required by Login: Date/Time

Hold:

Condition: NCF (OK)

Company Name/Address:
ERO Resources

1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Billing Information:
ERO Resources
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Report to: **Jack Denman**

Email To: **jdenman@eroresources.com;smitchell@eroreso**

Project Description: **SC-Thornton**

City/State Collected: Thornton, CO

Please Circle: PT (MT) CT ET

Phone: **720-812-3576**

Client Project # 24-260

Lab Project # **ERORESDCO-TSCTHORN**

Collected by (print): Emily Trice

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Std. TAT

Pres Chk

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOCs 8260 4ozClr-NoPres										Remarks	Sample # (lab only)
MW-CD-2.5	Grab	SS	2.5	1-9-25	1455	1	X											-11
MW-CD-7.5		SS	7.5	1-9-25	1580	1	X											-12
MW-CD-12.5		SS	12.5	1-10-25	0910	1	X											-13
MW-CD-17.5		SS	17.5		0930	1	X											-14
MW-CD-22.5		SS	22.5		1005	1	X											-15
MW-CD-27.5		SS	27.5		1030	1	X											-16
MW-CD-32.5		SS	32.5		1045	1	X											-17
MW-CD-38.5		SS	38.5		1145	1	X											-18
MW-CD-42.5		SS	42.5		1205	1	X											-19
MW-CD-47.5	↓	SS	47.5	↓	1250	1	X											-20

Chain of Custody Page 2 of 3

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1816980

Table #

Acctnum: **ERORESDCO**
Template: **T266000**
Prelogin: **P1122790**
PM: **3768 - Jordan Dozier**
PB:

Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: ___ UPS X FedEx ___ Courier _____

Tracking # 4257 0935 7638

Sample Receipt Checklist
COC Seal Present/Intact: NP X Y N
COC Signed/Accurate: X Y N
Bottles arrive intact: X Y N
Correct bottles used: X Y N
Sufficient volume sent: X Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: X Y N
RAD Screen <0.5 mR/hr: X Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	1/13/25	1323	Sara Corvino
Sara Corvino	1/13/25	1800	FEDEX
			Received for lab by: (Signature)

Trip Blank Received: Yes / (No) HCL / MeoH TBR

Temp: °C Bottles Received: RAD 0.1 +0=0.1 25

Date: 1/15/25 Time: 8:00 a.m.

If preservation required by Login: Date/Time

Hold:

Condition: NCF / (OK)

Company Name/Address:
ERO Resources

1626 Cole Blvd.
Suite 100
Lakewood. CO 80401

Billing Information:
ERO Resources
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Pres Chk

Report to:
Jack Denman

Email To:
jdenman@eroresources.com;smitchell@eroreso

Project Description:
SC-Thornton

City/State Collected: Thornton, CO

Please Circle: PT (MT) CT ET

Phone: **720-812-3576**

Client Project #
24-260

Lab Project #
ERORESDCO-TSCTHORN

Collected by (print):
Emily True

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed
Std. TAT

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOCs 8260 4ozClr-NoPres									Remarks	Sample # (lab only)
MW-CD-52.5	Grab	SS	52.5	1-10-25	1400	1	X										-21
MW-CD-60	Grab	SS	60.0	1-10-25	1645	1	X										-22
MW-CD-58	Grab	SS	58.0	1-10-25	1700	1	X										-23
MW-BD-2.5	Grab	SS	2.5	1-12-25	1340	1	X										-24
MW-BD-7.5	Grab	SS	7.5	1-13-25	0900	1	X										-25
		SS															
		SS															
		SS															
		SS															
		SS															

ET 1/10/25

Analysis / Container / Preservative

Chain of Custody Page 3 of 3

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1816980

Table #

Acctnum: **ERORESDCO**
Template: **T266000**
Prelogin: **P1122790**
PM: **3768 - Jordan Dozier**
PB:

Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS X FedEx __ Courier _____

Tracking # 4257 0935 7638

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: X Y __N
Bottles arrive intact: X Y __N
Correct bottles used: X Y __N
Sufficient volume sent: X Y __N
If Applicable
VOA Zero Headspace: ___ Y __N
Preservation Correct/Checked: X Y __N
RAD Screen <0.5 mR/hr: X Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	1/13/25	1323	Sade Cantine
Sade Cantine	1/13/25	1700	FEDEX
			Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: °C Bottles Received:
TLA9 0.1 HU=0.1 25

Date: 1/15/25 Time: 8:Wam

If preservation required by Login: Date/Time

Hold:

Condition: NCF / (OK)

ANALYTICAL REPORT

December 17, 2024

ERO Resources

Sample Delivery Group:	L1806735
Samples Received:	12/06/2024
Project Number:	24-285
Description:	TSC-Thornton

Report To: Jack Denman
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Entire Report Reviewed By: J Dozier

Jordan Dozier
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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MW-A-13 L1806735-01 Solid

Collected by: Emily True | Collected date/time: 12/02/24 11:10 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2417940	1	12/09/24 08:06	12/13/24 23:22	DWR	Mt. Juliet, TN

MW-A-18.5. L1806735-02 Solid

Collected by: Emily True | Collected date/time: 12/02/24 11:40 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2417940	1	12/09/24 08:06	12/13/24 23:42	DWR	Mt. Juliet, TN

MW-B-12.5 L1806735-03 Solid

Collected by: Emily True | Collected date/time: 12/02/24 13:30 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2417940	1	12/09/24 08:06	12/14/24 00:02	DWR	Mt. Juliet, TN

MW-B-17 L1806735-04 Solid

Collected by: Emily True | Collected date/time: 12/02/24 13:50 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2417940	1	12/09/24 08:06	12/14/24 00:21	DWR	Mt. Juliet, TN

SAC-B-2-2.5 L1806735-05 Solid

Collected by: Emily True | Collected date/time: 12/04/24 09:00 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2417571	1	12/09/24 08:06	12/12/24 13:49	DWR	Mt. Juliet, TN

SAC-B-2-7.5 L1806735-06 Solid

Collected by: Emily True | Collected date/time: 12/04/24 09:04 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2417571	1	12/09/24 08:06	12/12/24 14:09	DWR	Mt. Juliet, TN

SAC-B-2-12.5 L1806735-07 Solid

Collected by: Emily True | Collected date/time: 12/04/24 09:08 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2417571	1	12/09/24 08:06	12/12/24 14:28	DWR	Mt. Juliet, TN

SAC-B-2-17.5 L1806735-08 Solid

Collected by: Emily True | Collected date/time: 12/04/24 09:20 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2417571	1	12/09/24 08:06	12/12/24 14:47	DWR	Mt. Juliet, TN

SAC-B-2-23 L1806735-09 Solid

Collected by: Emily True | Collected date/time: 12/04/24 09:45 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2417571	1	12/09/24 08:06	12/12/24 15:06	DWR	Mt. Juliet, TN

SAC-C-2-2.5 L1806735-10 Solid

Collected by: Emily True | Collected date/time: 12/04/24 09:58 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2417571	1	12/09/24 08:06	12/12/24 15:25	DWR	Mt. Juliet, TN

SAC-C-2-7.5 L1806735-11 Solid

Collected by: Emily True | Collected date/time: 12/04/24 10:02 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2417571	1	12/09/24 08:06	12/12/24 15:44	DWR	Mt. Juliet, TN

SAC-C-2-12.5 L1806735-12 Solid

Collected by: Emily True | Collected date/time: 12/04/24 10:09 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2417571	1	12/09/24 08:06	12/12/24 16:04	DWR	Mt. Juliet, TN

SAC-C-2-17.5 L1806735-13 Solid

Collected by: Emily True | Collected date/time: 12/04/24 10:20 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2417571	1	12/09/24 08:06	12/12/24 16:23	DWR	Mt. Juliet, TN

SAC-C-2-21 L1806735-14 Solid

Collected by: Emily True | Collected date/time: 12/04/24 10:40 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2417571	1	12/09/24 08:06	12/12/24 16:42	DWR	Mt. Juliet, TN

SAC-C-2-25 L1806735-15 Solid

Collected by: Emily True | Collected date/time: 12/04/24 10:43 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2417571	1	12/09/24 08:06	12/12/24 17:01	DWR	Mt. Juliet, TN

SAC-C-2-25D L1806735-16 Solid

Collected by: Emily True | Collected date/time: 12/04/24 10:43 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2417571	1	12/09/24 08:06	12/12/24 17:20	DWR	Mt. Juliet, TN

SAC-D-2-2.5 L1806735-17 Solid

Collected by: Emily True | Collected date/time: 12/04/24 11:05 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2418055	1	12/09/24 08:06	12/14/24 09:03	JBE	Mt. Juliet, TN

SAC-D-2-7.5 L1806735-18 Solid

Collected by: Emily True | Collected date/time: 12/04/24 11:10 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2418055	1	12/09/24 08:06	12/14/24 09:23	JBE	Mt. Juliet, TN

SAC-D-2-12.5 L1806735-19 Solid

Collected by: Emily True | Collected date/time: 12/04/24 11:20 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2418055	1	12/09/24 08:06	12/14/24 09:43	JBE	Mt. Juliet, TN

SAC-D-2-17.5 L1806735-20 Solid

Collected by: Emily True | Collected date/time: 12/04/24 11:37 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2418055	1	12/09/24 10:02	12/14/24 10:02	JBE	Mt. Juliet, TN

SAC-D-2-23 L1806735-21 Solid

Collected by: Emily True | Collected date/time: 12/04/24 11:45 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2418055	1	12/09/24 10:02	12/14/24 10:21	JBE	Mt. Juliet, TN

8946-8-12.5 L1806735-22 Solid

Collected by: Emily True | Collected date/time: 12/04/24 13:50 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2418055	1	12/09/24 10:02	12/14/24 10:41	JBE	Mt. Juliet, TN

8946-8-23 L1806735-23 Solid

Collected by: Emily True | Collected date/time: 12/04/24 14:15 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2418055	1	12/09/24 10:02	12/14/24 11:00	JBE	Mt. Juliet, TN

8946-9-12.5 L1806735-24 Solid

Collected by: Emily True | Collected date/time: 12/04/24 12:36 | Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2418055	1	12/09/24 10:02	12/14/24 11:20	JBE	Mt. Juliet, TN

SAMPLE SUMMARY

8946-9-22 L1806735-25 Solid

Collected by: Emily True
Collected date/time: 12/04/24 13:05
Received date/time: 12/06/24 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2418055	1	12/09/24 10:02	12/14/24 11:39	JBE	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Jordan Dozier
Project Manager

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/13/2024 23:22	WG2417940
Acrylonitrile	U		0.00361	0.0125	1	12/13/2024 23:22	WG2417940
Benzene	U		0.000467	0.00100	1	12/13/2024 23:22	WG2417940
Bromobenzene	U		0.000900	0.0125	1	12/13/2024 23:22	WG2417940
Bromodichloromethane	U		0.000725	0.00250	1	12/13/2024 23:22	WG2417940
Bromoform	U		0.00117	0.0250	1	12/13/2024 23:22	WG2417940
Bromomethane	U		0.00197	0.0125	1	12/13/2024 23:22	WG2417940
n-Butylbenzene	U		0.00525	0.0125	1	12/13/2024 23:22	WG2417940
sec-Butylbenzene	U		0.00288	0.0125	1	12/13/2024 23:22	WG2417940
tert-Butylbenzene	U		0.00195	0.00500	1	12/13/2024 23:22	WG2417940
Carbon tetrachloride	U		0.000898	0.00500	1	12/13/2024 23:22	WG2417940
Chlorobenzene	U		0.000210	0.00250	1	12/13/2024 23:22	WG2417940
Chlorodibromomethane	U		0.000612	0.00250	1	12/13/2024 23:22	WG2417940
Chloroethane	U		0.00170	0.00500	1	12/13/2024 23:22	WG2417940
Chloroform	U		0.00103	0.00250	1	12/13/2024 23:22	WG2417940
Chloromethane	U		0.00435	0.0125	1	12/13/2024 23:22	WG2417940
2-Chlorotoluene	U		0.000865	0.00250	1	12/13/2024 23:22	WG2417940
4-Chlorotoluene	U		0.000450	0.00500	1	12/13/2024 23:22	WG2417940
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/13/2024 23:22	WG2417940
1,2-Dibromoethane	U		0.000648	0.00250	1	12/13/2024 23:22	WG2417940
Dibromomethane	U		0.000750	0.00500	1	12/13/2024 23:22	WG2417940
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/13/2024 23:22	WG2417940
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/13/2024 23:22	WG2417940
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/13/2024 23:22	WG2417940
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/13/2024 23:22	WG2417940
1,1-Dichloroethane	U		0.000491	0.00250	1	12/13/2024 23:22	WG2417940
1,2-Dichloroethane	U		0.000649	0.00250	1	12/13/2024 23:22	WG2417940
1,1-Dichloroethene	U		0.000606	0.00250	1	12/13/2024 23:22	WG2417940
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/13/2024 23:22	WG2417940
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/13/2024 23:22	WG2417940
1,2-Dichloropropane	U		0.00142	0.00500	1	12/13/2024 23:22	WG2417940
1,1-Dichloropropene	U		0.000809	0.00250	1	12/13/2024 23:22	WG2417940
1,3-Dichloropropane	U		0.000501	0.00500	1	12/13/2024 23:22	WG2417940
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/13/2024 23:22	WG2417940
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/13/2024 23:22	WG2417940
2,2-Dichloropropane	U	J4	0.00138	0.00250	1	12/13/2024 23:22	WG2417940
Di-isopropyl ether	U		0.000410	0.00100	1	12/13/2024 23:22	WG2417940
Ethylbenzene	U		0.000737	0.00250	1	12/13/2024 23:22	WG2417940
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/13/2024 23:22	WG2417940
Isopropylbenzene	U		0.000425	0.00250	1	12/13/2024 23:22	WG2417940
p-Isopropyltoluene	U		0.00255	0.00500	1	12/13/2024 23:22	WG2417940
2-Butanone (MEK)	U		0.0635	0.100	1	12/13/2024 23:22	WG2417940
Methylene Chloride	U		0.00664	0.0250	1	12/13/2024 23:22	WG2417940
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/13/2024 23:22	WG2417940
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/13/2024 23:22	WG2417940
Naphthalene	U		0.00488	0.0125	1	12/13/2024 23:22	WG2417940
n-Propylbenzene	U		0.000950	0.00500	1	12/13/2024 23:22	WG2417940
Styrene	U		0.000229	0.0125	1	12/13/2024 23:22	WG2417940
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/13/2024 23:22	WG2417940
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/13/2024 23:22	WG2417940
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/13/2024 23:22	WG2417940
Tetrachloroethene	0.00703		0.000896	0.00250	1	12/13/2024 23:22	WG2417940
Toluene	U		0.00130	0.00500	1	12/13/2024 23:22	WG2417940
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/13/2024 23:22	WG2417940
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/13/2024 23:22	WG2417940
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/13/2024 23:22	WG2417940

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/13/2024 23:22	WG2417940
Trichloroethene	U		0.000584	0.00100	1	12/13/2024 23:22	WG2417940
Trichlorofluoromethane	U		0.000827	0.00250	1	12/13/2024 23:22	WG2417940
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/13/2024 23:22	WG2417940
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/13/2024 23:22	WG2417940
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/13/2024 23:22	WG2417940
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/13/2024 23:22	WG2417940
Vinyl chloride	U		0.00116	0.00250	1	12/13/2024 23:22	WG2417940
Xylenes, Total	U		0.000880	0.00650	1	12/13/2024 23:22	WG2417940
(S) Toluene-d8	*108*			*75.0-131*		*12/13/2024 23:22*	WG2417940
(S) 4-Bromofluorobenzene	*88.4*			*67.0-138*		*12/13/2024 23:22*	WG2417940
(S) 1,2-Dichloroethane-d4	*83.1*			*70.0-130*		*12/13/2024 23:22*	WG2417940

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/13/2024 23:42	WG2417940
Acrylonitrile	U		0.00361	0.0125	1	12/13/2024 23:42	WG2417940
Benzene	U		0.000467	0.00100	1	12/13/2024 23:42	WG2417940
Bromobenzene	U		0.000900	0.0125	1	12/13/2024 23:42	WG2417940
Bromodichloromethane	U		0.000725	0.00250	1	12/13/2024 23:42	WG2417940
Bromoform	U		0.00117	0.0250	1	12/13/2024 23:42	WG2417940
Bromomethane	U		0.00197	0.0125	1	12/13/2024 23:42	WG2417940
n-Butylbenzene	U		0.00525	0.0125	1	12/13/2024 23:42	WG2417940
sec-Butylbenzene	U		0.00288	0.0125	1	12/13/2024 23:42	WG2417940
tert-Butylbenzene	U		0.00195	0.00500	1	12/13/2024 23:42	WG2417940
Carbon tetrachloride	U		0.000898	0.00500	1	12/13/2024 23:42	WG2417940
Chlorobenzene	U		0.000210	0.00250	1	12/13/2024 23:42	WG2417940
Chlorodibromomethane	U		0.000612	0.00250	1	12/13/2024 23:42	WG2417940
Chloroethane	U		0.00170	0.00500	1	12/13/2024 23:42	WG2417940
Chloroform	U		0.00103	0.00250	1	12/13/2024 23:42	WG2417940
Chloromethane	U		0.00435	0.0125	1	12/13/2024 23:42	WG2417940
2-Chlorotoluene	U		0.000865	0.00250	1	12/13/2024 23:42	WG2417940
4-Chlorotoluene	U		0.000450	0.00500	1	12/13/2024 23:42	WG2417940
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/13/2024 23:42	WG2417940
1,2-Dibromoethane	U		0.000648	0.00250	1	12/13/2024 23:42	WG2417940
Dibromomethane	U		0.000750	0.00500	1	12/13/2024 23:42	WG2417940
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/13/2024 23:42	WG2417940
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/13/2024 23:42	WG2417940
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/13/2024 23:42	WG2417940
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/13/2024 23:42	WG2417940
1,1-Dichloroethane	U		0.000491	0.00250	1	12/13/2024 23:42	WG2417940
1,2-Dichloroethane	U		0.000649	0.00250	1	12/13/2024 23:42	WG2417940
1,1-Dichloroethene	U		0.000606	0.00250	1	12/13/2024 23:42	WG2417940
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/13/2024 23:42	WG2417940
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/13/2024 23:42	WG2417940
1,2-Dichloropropane	U		0.00142	0.00500	1	12/13/2024 23:42	WG2417940
1,1-Dichloropropene	U		0.000809	0.00250	1	12/13/2024 23:42	WG2417940
1,3-Dichloropropane	U		0.000501	0.00500	1	12/13/2024 23:42	WG2417940
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/13/2024 23:42	WG2417940
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/13/2024 23:42	WG2417940
2,2-Dichloropropane	U	J4	0.00138	0.00250	1	12/13/2024 23:42	WG2417940
Di-isopropyl ether	U		0.000410	0.00100	1	12/13/2024 23:42	WG2417940
Ethylbenzene	U		0.000737	0.00250	1	12/13/2024 23:42	WG2417940
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/13/2024 23:42	WG2417940
Isopropylbenzene	U		0.000425	0.00250	1	12/13/2024 23:42	WG2417940
p-Isopropyltoluene	U		0.00255	0.00500	1	12/13/2024 23:42	WG2417940
2-Butanone (MEK)	U		0.0635	0.100	1	12/13/2024 23:42	WG2417940
Methylene Chloride	U		0.00664	0.0250	1	12/13/2024 23:42	WG2417940
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/13/2024 23:42	WG2417940
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/13/2024 23:42	WG2417940
Naphthalene	U		0.00488	0.0125	1	12/13/2024 23:42	WG2417940
n-Propylbenzene	U		0.000950	0.00500	1	12/13/2024 23:42	WG2417940
Styrene	U		0.000229	0.0125	1	12/13/2024 23:42	WG2417940
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/13/2024 23:42	WG2417940
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/13/2024 23:42	WG2417940
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/13/2024 23:42	WG2417940
Tetrachloroethene	0.00230	J	0.000896	0.00250	1	12/13/2024 23:42	WG2417940
Toluene	U		0.00130	0.00500	1	12/13/2024 23:42	WG2417940
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/13/2024 23:42	WG2417940
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/13/2024 23:42	WG2417940
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/13/2024 23:42	WG2417940

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/13/2024 23:42	WG2417940
Trichloroethene	U		0.000584	0.00100	1	12/13/2024 23:42	WG2417940
Trichlorofluoromethane	U		0.000827	0.00250	1	12/13/2024 23:42	WG2417940
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/13/2024 23:42	WG2417940
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/13/2024 23:42	WG2417940
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/13/2024 23:42	WG2417940
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/13/2024 23:42	WG2417940
Vinyl chloride	U		0.00116	0.00250	1	12/13/2024 23:42	WG2417940
Xylenes, Total	U		0.000880	0.00650	1	12/13/2024 23:42	WG2417940
(S) Toluene-d8	*107*			*75.0-131*		*12/13/2024 23:42*	WG2417940
(S) 4-Bromofluorobenzene	*86.9*			*67.0-138*		*12/13/2024 23:42*	WG2417940
(S) 1,2-Dichloroethane-d4	*87.1*			*70.0-130*		*12/13/2024 23:42*	WG2417940

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/14/2024 00:02	WG2417940
Acrylonitrile	U		0.00361	0.0125	1	12/14/2024 00:02	WG2417940
Benzene	U		0.000467	0.00100	1	12/14/2024 00:02	WG2417940
Bromobenzene	U		0.000900	0.0125	1	12/14/2024 00:02	WG2417940
Bromodichloromethane	U		0.000725	0.00250	1	12/14/2024 00:02	WG2417940
Bromoform	U		0.00117	0.0250	1	12/14/2024 00:02	WG2417940
Bromomethane	U		0.00197	0.0125	1	12/14/2024 00:02	WG2417940
n-Butylbenzene	U		0.00525	0.0125	1	12/14/2024 00:02	WG2417940
sec-Butylbenzene	U		0.00288	0.0125	1	12/14/2024 00:02	WG2417940
tert-Butylbenzene	U		0.00195	0.00500	1	12/14/2024 00:02	WG2417940
Carbon tetrachloride	U		0.000898	0.00500	1	12/14/2024 00:02	WG2417940
Chlorobenzene	U		0.000210	0.00250	1	12/14/2024 00:02	WG2417940
Chlorodibromomethane	U		0.000612	0.00250	1	12/14/2024 00:02	WG2417940
Chloroethane	U		0.00170	0.00500	1	12/14/2024 00:02	WG2417940
Chloroform	U		0.00103	0.00250	1	12/14/2024 00:02	WG2417940
Chloromethane	U		0.00435	0.0125	1	12/14/2024 00:02	WG2417940
2-Chlorotoluene	U		0.000865	0.00250	1	12/14/2024 00:02	WG2417940
4-Chlorotoluene	U		0.000450	0.00500	1	12/14/2024 00:02	WG2417940
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/14/2024 00:02	WG2417940
1,2-Dibromoethane	U		0.000648	0.00250	1	12/14/2024 00:02	WG2417940
Dibromomethane	U		0.000750	0.00500	1	12/14/2024 00:02	WG2417940
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/14/2024 00:02	WG2417940
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/14/2024 00:02	WG2417940
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/14/2024 00:02	WG2417940
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/14/2024 00:02	WG2417940
1,1-Dichloroethane	U		0.000491	0.00250	1	12/14/2024 00:02	WG2417940
1,2-Dichloroethane	U		0.000649	0.00250	1	12/14/2024 00:02	WG2417940
1,1-Dichloroethene	U		0.000606	0.00250	1	12/14/2024 00:02	WG2417940
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/14/2024 00:02	WG2417940
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/14/2024 00:02	WG2417940
1,2-Dichloropropane	U		0.00142	0.00500	1	12/14/2024 00:02	WG2417940
1,1-Dichloropropene	U		0.000809	0.00250	1	12/14/2024 00:02	WG2417940
1,3-Dichloropropane	U		0.000501	0.00500	1	12/14/2024 00:02	WG2417940
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/14/2024 00:02	WG2417940
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/14/2024 00:02	WG2417940
2,2-Dichloropropane	U	J4	0.00138	0.00250	1	12/14/2024 00:02	WG2417940
Di-isopropyl ether	U		0.000410	0.00100	1	12/14/2024 00:02	WG2417940
Ethylbenzene	U		0.000737	0.00250	1	12/14/2024 00:02	WG2417940
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/14/2024 00:02	WG2417940
Isopropylbenzene	U		0.000425	0.00250	1	12/14/2024 00:02	WG2417940
p-Isopropyltoluene	U		0.00255	0.00500	1	12/14/2024 00:02	WG2417940
2-Butanone (MEK)	U		0.0635	0.100	1	12/14/2024 00:02	WG2417940
Methylene Chloride	U		0.00664	0.0250	1	12/14/2024 00:02	WG2417940
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/14/2024 00:02	WG2417940
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/14/2024 00:02	WG2417940
Naphthalene	U		0.00488	0.0125	1	12/14/2024 00:02	WG2417940
n-Propylbenzene	U		0.000950	0.00500	1	12/14/2024 00:02	WG2417940
Styrene	U		0.000229	0.0125	1	12/14/2024 00:02	WG2417940
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/14/2024 00:02	WG2417940
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/14/2024 00:02	WG2417940
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/14/2024 00:02	WG2417940
Tetrachloroethene	U		0.000896	0.00250	1	12/14/2024 00:02	WG2417940
Toluene	U		0.00130	0.00500	1	12/14/2024 00:02	WG2417940
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/14/2024 00:02	WG2417940
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/14/2024 00:02	WG2417940
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/14/2024 00:02	WG2417940

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/14/2024 00:02	WG2417940
Trichloroethene	U		0.000584	0.00100	1	12/14/2024 00:02	WG2417940
Trichlorofluoromethane	U		0.000827	0.00250	1	12/14/2024 00:02	WG2417940
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/14/2024 00:02	WG2417940
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/14/2024 00:02	WG2417940
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/14/2024 00:02	WG2417940
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/14/2024 00:02	WG2417940
Vinyl chloride	U		0.00116	0.00250	1	12/14/2024 00:02	WG2417940
Xylenes, Total	U		0.000880	0.00650	1	12/14/2024 00:02	WG2417940
(S) Toluene-d8	*107*			*75.0-131*		*12/14/2024 00:02*	WG2417940
(S) 4-Bromofluorobenzene	*89.1*			*67.0-138*		*12/14/2024 00:02*	WG2417940
(S) 1,2-Dichloroethane-d4	*88.2*			*70.0-130*		*12/14/2024 00:02*	WG2417940

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/14/2024 00:21	WG2417940
Acrylonitrile	U		0.00361	0.0125	1	12/14/2024 00:21	WG2417940
Benzene	U		0.000467	0.00100	1	12/14/2024 00:21	WG2417940
Bromobenzene	U		0.000900	0.0125	1	12/14/2024 00:21	WG2417940
Bromodichloromethane	U		0.000725	0.00250	1	12/14/2024 00:21	WG2417940
Bromoform	U		0.00117	0.0250	1	12/14/2024 00:21	WG2417940
Bromomethane	U		0.00197	0.0125	1	12/14/2024 00:21	WG2417940
n-Butylbenzene	U		0.00525	0.0125	1	12/14/2024 00:21	WG2417940
sec-Butylbenzene	U		0.00288	0.0125	1	12/14/2024 00:21	WG2417940
tert-Butylbenzene	U		0.00195	0.00500	1	12/14/2024 00:21	WG2417940
Carbon tetrachloride	U		0.000898	0.00500	1	12/14/2024 00:21	WG2417940
Chlorobenzene	U		0.000210	0.00250	1	12/14/2024 00:21	WG2417940
Chlorodibromomethane	U		0.000612	0.00250	1	12/14/2024 00:21	WG2417940
Chloroethane	U		0.00170	0.00500	1	12/14/2024 00:21	WG2417940
Chloroform	U		0.00103	0.00250	1	12/14/2024 00:21	WG2417940
Chloromethane	U		0.00435	0.0125	1	12/14/2024 00:21	WG2417940
2-Chlorotoluene	U		0.000865	0.00250	1	12/14/2024 00:21	WG2417940
4-Chlorotoluene	U		0.000450	0.00500	1	12/14/2024 00:21	WG2417940
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/14/2024 00:21	WG2417940
1,2-Dibromoethane	U		0.000648	0.00250	1	12/14/2024 00:21	WG2417940
Dibromomethane	U		0.000750	0.00500	1	12/14/2024 00:21	WG2417940
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/14/2024 00:21	WG2417940
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/14/2024 00:21	WG2417940
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/14/2024 00:21	WG2417940
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/14/2024 00:21	WG2417940
1,1-Dichloroethane	U		0.000491	0.00250	1	12/14/2024 00:21	WG2417940
1,2-Dichloroethane	U		0.000649	0.00250	1	12/14/2024 00:21	WG2417940
1,1-Dichloroethene	U		0.000606	0.00250	1	12/14/2024 00:21	WG2417940
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/14/2024 00:21	WG2417940
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/14/2024 00:21	WG2417940
1,2-Dichloropropane	U		0.00142	0.00500	1	12/14/2024 00:21	WG2417940
1,1-Dichloropropene	U		0.000809	0.00250	1	12/14/2024 00:21	WG2417940
1,3-Dichloropropane	U		0.000501	0.00500	1	12/14/2024 00:21	WG2417940
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/14/2024 00:21	WG2417940
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/14/2024 00:21	WG2417940
2,2-Dichloropropane	U	J4	0.00138	0.00250	1	12/14/2024 00:21	WG2417940
Di-isopropyl ether	U		0.000410	0.00100	1	12/14/2024 00:21	WG2417940
Ethylbenzene	U		0.000737	0.00250	1	12/14/2024 00:21	WG2417940
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/14/2024 00:21	WG2417940
Isopropylbenzene	U		0.000425	0.00250	1	12/14/2024 00:21	WG2417940
p-Isopropyltoluene	U		0.00255	0.00500	1	12/14/2024 00:21	WG2417940
2-Butanone (MEK)	U		0.0635	0.100	1	12/14/2024 00:21	WG2417940
Methylene Chloride	U		0.00664	0.0250	1	12/14/2024 00:21	WG2417940
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/14/2024 00:21	WG2417940
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/14/2024 00:21	WG2417940
Naphthalene	U		0.00488	0.0125	1	12/14/2024 00:21	WG2417940
n-Propylbenzene	U		0.000950	0.00500	1	12/14/2024 00:21	WG2417940
Styrene	U		0.000229	0.0125	1	12/14/2024 00:21	WG2417940
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/14/2024 00:21	WG2417940
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/14/2024 00:21	WG2417940
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/14/2024 00:21	WG2417940
Tetrachloroethene	U		0.000896	0.00250	1	12/14/2024 00:21	WG2417940
Toluene	U		0.00130	0.00500	1	12/14/2024 00:21	WG2417940
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/14/2024 00:21	WG2417940
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/14/2024 00:21	WG2417940
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/14/2024 00:21	WG2417940

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/14/2024 00:21	WG2417940
Trichloroethene	U		0.000584	0.00100	1	12/14/2024 00:21	WG2417940
Trichlorofluoromethane	U		0.000827	0.00250	1	12/14/2024 00:21	WG2417940
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/14/2024 00:21	WG2417940
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/14/2024 00:21	WG2417940
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/14/2024 00:21	WG2417940
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/14/2024 00:21	WG2417940
Vinyl chloride	U		0.00116	0.00250	1	12/14/2024 00:21	WG2417940
Xylenes, Total	U		0.000880	0.00650	1	12/14/2024 00:21	WG2417940
(S) Toluene-d8	*110*			*75.0-131*		*12/14/2024 00:21*	WG2417940
(S) 4-Bromofluorobenzene	*89.5*			*67.0-138*		*12/14/2024 00:21*	WG2417940
(S) 1,2-Dichloroethane-d4	*83.4*			*70.0-130*		*12/14/2024 00:21*	WG2417940

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/12/2024 13:49	WG2417571
Acrylonitrile	U		0.00361	0.0125	1	12/12/2024 13:49	WG2417571
Benzene	U		0.000467	0.00100	1	12/12/2024 13:49	WG2417571
Bromobenzene	U		0.000900	0.0125	1	12/12/2024 13:49	WG2417571
Bromodichloromethane	U		0.000725	0.00250	1	12/12/2024 13:49	WG2417571
Bromoform	U		0.00117	0.0250	1	12/12/2024 13:49	WG2417571
Bromomethane	U		0.00197	0.0125	1	12/12/2024 13:49	WG2417571
n-Butylbenzene	U		0.00525	0.0125	1	12/12/2024 13:49	WG2417571
sec-Butylbenzene	U		0.00288	0.0125	1	12/12/2024 13:49	WG2417571
tert-Butylbenzene	U		0.00195	0.00500	1	12/12/2024 13:49	WG2417571
Carbon tetrachloride	U		0.000898	0.00500	1	12/12/2024 13:49	WG2417571
Chlorobenzene	U		0.000210	0.00250	1	12/12/2024 13:49	WG2417571
Chlorodibromomethane	U		0.000612	0.00250	1	12/12/2024 13:49	WG2417571
Chloroethane	U		0.00170	0.00500	1	12/12/2024 13:49	WG2417571
Chloroform	U		0.00103	0.00250	1	12/12/2024 13:49	WG2417571
Chloromethane	U		0.00435	0.0125	1	12/12/2024 13:49	WG2417571
2-Chlorotoluene	U		0.000865	0.00250	1	12/12/2024 13:49	WG2417571
4-Chlorotoluene	U		0.000450	0.00500	1	12/12/2024 13:49	WG2417571
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/12/2024 13:49	WG2417571
1,2-Dibromoethane	U		0.000648	0.00250	1	12/12/2024 13:49	WG2417571
Dibromomethane	U		0.000750	0.00500	1	12/12/2024 13:49	WG2417571
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/12/2024 13:49	WG2417571
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/12/2024 13:49	WG2417571
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/12/2024 13:49	WG2417571
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/12/2024 13:49	WG2417571
1,1-Dichloroethane	U		0.000491	0.00250	1	12/12/2024 13:49	WG2417571
1,2-Dichloroethane	U		0.000649	0.00250	1	12/12/2024 13:49	WG2417571
1,1-Dichloroethene	U		0.000606	0.00250	1	12/12/2024 13:49	WG2417571
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/12/2024 13:49	WG2417571
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/12/2024 13:49	WG2417571
1,2-Dichloropropane	U		0.00142	0.00500	1	12/12/2024 13:49	WG2417571
1,1-Dichloropropene	U		0.000809	0.00250	1	12/12/2024 13:49	WG2417571
1,3-Dichloropropane	U		0.000501	0.00500	1	12/12/2024 13:49	WG2417571
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/12/2024 13:49	WG2417571
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/12/2024 13:49	WG2417571
2,2-Dichloropropane	U		0.00138	0.00250	1	12/12/2024 13:49	WG2417571
Di-isopropyl ether	U		0.000410	0.00100	1	12/12/2024 13:49	WG2417571
Ethylbenzene	U		0.000737	0.00250	1	12/12/2024 13:49	WG2417571
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/12/2024 13:49	WG2417571
Isopropylbenzene	U		0.000425	0.00250	1	12/12/2024 13:49	WG2417571
p-Isopropyltoluene	U		0.00255	0.00500	1	12/12/2024 13:49	WG2417571
2-Butanone (MEK)	U		0.0635	0.100	1	12/12/2024 13:49	WG2417571
Methylene Chloride	U		0.00664	0.0250	1	12/12/2024 13:49	WG2417571
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/12/2024 13:49	WG2417571
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/12/2024 13:49	WG2417571
Naphthalene	U		0.00488	0.0125	1	12/12/2024 13:49	WG2417571
n-Propylbenzene	U		0.000950	0.00500	1	12/12/2024 13:49	WG2417571
Styrene	U		0.000229	0.0125	1	12/12/2024 13:49	WG2417571
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/12/2024 13:49	WG2417571
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/12/2024 13:49	WG2417571
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/12/2024 13:49	WG2417571
Tetrachloroethene	U		0.000896	0.00250	1	12/12/2024 13:49	WG2417571
Toluene	U		0.00130	0.00500	1	12/12/2024 13:49	WG2417571
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/12/2024 13:49	WG2417571
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/12/2024 13:49	WG2417571
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/12/2024 13:49	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/12/2024 13:49	WG2417571
Trichloroethene	U		0.000584	0.00100	1	12/12/2024 13:49	WG2417571
Trichlorofluoromethane	U		0.000827	0.00250	1	12/12/2024 13:49	WG2417571
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/12/2024 13:49	WG2417571
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 13:49	WG2417571
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 13:49	WG2417571
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/12/2024 13:49	WG2417571
Vinyl chloride	U		0.00116	0.00250	1	12/12/2024 13:49	WG2417571
Xylenes, Total	U		0.000880	0.00650	1	12/12/2024 13:49	WG2417571
(S) Toluene-d8	*103*			*75.0-131*		*12/12/2024 13:49*	WG2417571
(S) 4-Bromofluorobenzene	*93.4*			*67.0-138*		*12/12/2024 13:49*	WG2417571
(S) 1,2-Dichloroethane-d4	*91.3*			*70.0-130*		*12/12/2024 13:49*	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/12/2024 14:09	WG2417571
Acrylonitrile	U		0.00361	0.0125	1	12/12/2024 14:09	WG2417571
Benzene	U		0.000467	0.00100	1	12/12/2024 14:09	WG2417571
Bromobenzene	U		0.000900	0.0125	1	12/12/2024 14:09	WG2417571
Bromodichloromethane	U		0.000725	0.00250	1	12/12/2024 14:09	WG2417571
Bromoform	U		0.00117	0.0250	1	12/12/2024 14:09	WG2417571
Bromomethane	U		0.00197	0.0125	1	12/12/2024 14:09	WG2417571
n-Butylbenzene	U		0.00525	0.0125	1	12/12/2024 14:09	WG2417571
sec-Butylbenzene	U		0.00288	0.0125	1	12/12/2024 14:09	WG2417571
tert-Butylbenzene	U		0.00195	0.00500	1	12/12/2024 14:09	WG2417571
Carbon tetrachloride	U		0.000898	0.00500	1	12/12/2024 14:09	WG2417571
Chlorobenzene	U		0.000210	0.00250	1	12/12/2024 14:09	WG2417571
Chlorodibromomethane	U		0.000612	0.00250	1	12/12/2024 14:09	WG2417571
Chloroethane	U		0.00170	0.00500	1	12/12/2024 14:09	WG2417571
Chloroform	U		0.00103	0.00250	1	12/12/2024 14:09	WG2417571
Chloromethane	U		0.00435	0.0125	1	12/12/2024 14:09	WG2417571
2-Chlorotoluene	U		0.000865	0.00250	1	12/12/2024 14:09	WG2417571
4-Chlorotoluene	U		0.000450	0.00500	1	12/12/2024 14:09	WG2417571
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/12/2024 14:09	WG2417571
1,2-Dibromoethane	U		0.000648	0.00250	1	12/12/2024 14:09	WG2417571
Dibromomethane	U		0.000750	0.00500	1	12/12/2024 14:09	WG2417571
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/12/2024 14:09	WG2417571
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/12/2024 14:09	WG2417571
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/12/2024 14:09	WG2417571
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/12/2024 14:09	WG2417571
1,1-Dichloroethane	U		0.000491	0.00250	1	12/12/2024 14:09	WG2417571
1,2-Dichloroethane	U		0.000649	0.00250	1	12/12/2024 14:09	WG2417571
1,1-Dichloroethene	U		0.000606	0.00250	1	12/12/2024 14:09	WG2417571
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/12/2024 14:09	WG2417571
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/12/2024 14:09	WG2417571
1,2-Dichloropropane	U		0.00142	0.00500	1	12/12/2024 14:09	WG2417571
1,1-Dichloropropene	U		0.000809	0.00250	1	12/12/2024 14:09	WG2417571
1,3-Dichloropropane	U		0.000501	0.00500	1	12/12/2024 14:09	WG2417571
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/12/2024 14:09	WG2417571
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/12/2024 14:09	WG2417571
2,2-Dichloropropane	U		0.00138	0.00250	1	12/12/2024 14:09	WG2417571
Di-isopropyl ether	U		0.000410	0.00100	1	12/12/2024 14:09	WG2417571
Ethylbenzene	U		0.000737	0.00250	1	12/12/2024 14:09	WG2417571
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/12/2024 14:09	WG2417571
Isopropylbenzene	U		0.000425	0.00250	1	12/12/2024 14:09	WG2417571
p-Isopropyltoluene	U		0.00255	0.00500	1	12/12/2024 14:09	WG2417571
2-Butanone (MEK)	U		0.0635	0.100	1	12/12/2024 14:09	WG2417571
Methylene Chloride	U		0.00664	0.0250	1	12/12/2024 14:09	WG2417571
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/12/2024 14:09	WG2417571
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/12/2024 14:09	WG2417571
Naphthalene	U		0.00488	0.0125	1	12/12/2024 14:09	WG2417571
n-Propylbenzene	U		0.000950	0.00500	1	12/12/2024 14:09	WG2417571
Styrene	U		0.000229	0.0125	1	12/12/2024 14:09	WG2417571
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/12/2024 14:09	WG2417571
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/12/2024 14:09	WG2417571
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/12/2024 14:09	WG2417571
Tetrachloroethene	U		0.000896	0.00250	1	12/12/2024 14:09	WG2417571
Toluene	U		0.00130	0.00500	1	12/12/2024 14:09	WG2417571
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/12/2024 14:09	WG2417571
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/12/2024 14:09	WG2417571
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/12/2024 14:09	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/12/2024 14:09	WG2417571
Trichloroethene	U		0.000584	0.00100	1	12/12/2024 14:09	WG2417571
Trichlorofluoromethane	U		0.000827	0.00250	1	12/12/2024 14:09	WG2417571
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/12/2024 14:09	WG2417571
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 14:09	WG2417571
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 14:09	WG2417571
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/12/2024 14:09	WG2417571
Vinyl chloride	U		0.00116	0.00250	1	12/12/2024 14:09	WG2417571
Xylenes, Total	U		0.000880	0.00650	1	12/12/2024 14:09	WG2417571
(S) Toluene-d8	*102*			*75.0-131*		*12/12/2024 14:09*	WG2417571
(S) 4-Bromofluorobenzene	*93.5*			*67.0-138*		*12/12/2024 14:09*	WG2417571
(S) 1,2-Dichloroethane-d4	*90.6*			*70.0-130*		*12/12/2024 14:09*	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/12/2024 14:28	WG2417571
Acrylonitrile	U		0.00361	0.0125	1	12/12/2024 14:28	WG2417571
Benzene	U		0.000467	0.00100	1	12/12/2024 14:28	WG2417571
Bromobenzene	U		0.000900	0.0125	1	12/12/2024 14:28	WG2417571
Bromodichloromethane	U		0.000725	0.00250	1	12/12/2024 14:28	WG2417571
Bromoform	U		0.00117	0.0250	1	12/12/2024 14:28	WG2417571
Bromomethane	U		0.00197	0.0125	1	12/12/2024 14:28	WG2417571
n-Butylbenzene	U		0.00525	0.0125	1	12/12/2024 14:28	WG2417571
sec-Butylbenzene	U		0.00288	0.0125	1	12/12/2024 14:28	WG2417571
tert-Butylbenzene	U		0.00195	0.00500	1	12/12/2024 14:28	WG2417571
Carbon tetrachloride	U		0.000898	0.00500	1	12/12/2024 14:28	WG2417571
Chlorobenzene	U		0.000210	0.00250	1	12/12/2024 14:28	WG2417571
Chlorodibromomethane	U		0.000612	0.00250	1	12/12/2024 14:28	WG2417571
Chloroethane	U		0.00170	0.00500	1	12/12/2024 14:28	WG2417571
Chloroform	U		0.00103	0.00250	1	12/12/2024 14:28	WG2417571
Chloromethane	U		0.00435	0.0125	1	12/12/2024 14:28	WG2417571
2-Chlorotoluene	U		0.000865	0.00250	1	12/12/2024 14:28	WG2417571
4-Chlorotoluene	U		0.000450	0.00500	1	12/12/2024 14:28	WG2417571
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/12/2024 14:28	WG2417571
1,2-Dibromoethane	U		0.000648	0.00250	1	12/12/2024 14:28	WG2417571
Dibromomethane	U		0.000750	0.00500	1	12/12/2024 14:28	WG2417571
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/12/2024 14:28	WG2417571
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/12/2024 14:28	WG2417571
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/12/2024 14:28	WG2417571
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/12/2024 14:28	WG2417571
1,1-Dichloroethane	U		0.000491	0.00250	1	12/12/2024 14:28	WG2417571
1,2-Dichloroethane	U		0.000649	0.00250	1	12/12/2024 14:28	WG2417571
1,1-Dichloroethene	U		0.000606	0.00250	1	12/12/2024 14:28	WG2417571
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/12/2024 14:28	WG2417571
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/12/2024 14:28	WG2417571
1,2-Dichloropropane	U		0.00142	0.00500	1	12/12/2024 14:28	WG2417571
1,1-Dichloropropene	U		0.000809	0.00250	1	12/12/2024 14:28	WG2417571
1,3-Dichloropropane	U		0.000501	0.00500	1	12/12/2024 14:28	WG2417571
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/12/2024 14:28	WG2417571
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/12/2024 14:28	WG2417571
2,2-Dichloropropane	U		0.00138	0.00250	1	12/12/2024 14:28	WG2417571
Di-isopropyl ether	U		0.000410	0.00100	1	12/12/2024 14:28	WG2417571
Ethylbenzene	U		0.000737	0.00250	1	12/12/2024 14:28	WG2417571
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/12/2024 14:28	WG2417571
Isopropylbenzene	U		0.000425	0.00250	1	12/12/2024 14:28	WG2417571
p-Isopropyltoluene	U		0.00255	0.00500	1	12/12/2024 14:28	WG2417571
2-Butanone (MEK)	U		0.0635	0.100	1	12/12/2024 14:28	WG2417571
Methylene Chloride	U		0.00664	0.0250	1	12/12/2024 14:28	WG2417571
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/12/2024 14:28	WG2417571
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/12/2024 14:28	WG2417571
Naphthalene	U		0.00488	0.0125	1	12/12/2024 14:28	WG2417571
n-Propylbenzene	U		0.000950	0.00500	1	12/12/2024 14:28	WG2417571
Styrene	U		0.000229	0.0125	1	12/12/2024 14:28	WG2417571
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/12/2024 14:28	WG2417571
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/12/2024 14:28	WG2417571
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/12/2024 14:28	WG2417571
Tetrachloroethene	U		0.000896	0.00250	1	12/12/2024 14:28	WG2417571
Toluene	U		0.00130	0.00500	1	12/12/2024 14:28	WG2417571
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/12/2024 14:28	WG2417571
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/12/2024 14:28	WG2417571
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/12/2024 14:28	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/12/2024 14:28	WG2417571
Trichloroethene	U		0.000584	0.00100	1	12/12/2024 14:28	WG2417571
Trichlorofluoromethane	U		0.000827	0.00250	1	12/12/2024 14:28	WG2417571
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/12/2024 14:28	WG2417571
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 14:28	WG2417571
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 14:28	WG2417571
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/12/2024 14:28	WG2417571
Vinyl chloride	U		0.00116	0.00250	1	12/12/2024 14:28	WG2417571
Xylenes, Total	U		0.000880	0.00650	1	12/12/2024 14:28	WG2417571
(S) Toluene-d8	*105*			*75.0-131*		*12/12/2024 14:28*	WG2417571
(S) 4-Bromofluorobenzene	*90.5*			*67.0-138*		*12/12/2024 14:28*	WG2417571
(S) 1,2-Dichloroethane-d4	*91.8*			*70.0-130*		*12/12/2024 14:28*	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/12/2024 14:47	WG2417571
Acrylonitrile	U		0.00361	0.0125	1	12/12/2024 14:47	WG2417571
Benzene	U		0.000467	0.00100	1	12/12/2024 14:47	WG2417571
Bromobenzene	U		0.000900	0.0125	1	12/12/2024 14:47	WG2417571
Bromodichloromethane	U		0.000725	0.00250	1	12/12/2024 14:47	WG2417571
Bromoform	U		0.00117	0.0250	1	12/12/2024 14:47	WG2417571
Bromomethane	U		0.00197	0.0125	1	12/12/2024 14:47	WG2417571
n-Butylbenzene	U		0.00525	0.0125	1	12/12/2024 14:47	WG2417571
sec-Butylbenzene	U		0.00288	0.0125	1	12/12/2024 14:47	WG2417571
tert-Butylbenzene	U		0.00195	0.00500	1	12/12/2024 14:47	WG2417571
Carbon tetrachloride	U		0.000898	0.00500	1	12/12/2024 14:47	WG2417571
Chlorobenzene	U		0.000210	0.00250	1	12/12/2024 14:47	WG2417571
Chlorodibromomethane	U		0.000612	0.00250	1	12/12/2024 14:47	WG2417571
Chloroethane	U		0.00170	0.00500	1	12/12/2024 14:47	WG2417571
Chloroform	U		0.00103	0.00250	1	12/12/2024 14:47	WG2417571
Chloromethane	U		0.00435	0.0125	1	12/12/2024 14:47	WG2417571
2-Chlorotoluene	U		0.000865	0.00250	1	12/12/2024 14:47	WG2417571
4-Chlorotoluene	U		0.000450	0.00500	1	12/12/2024 14:47	WG2417571
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/12/2024 14:47	WG2417571
1,2-Dibromoethane	U		0.000648	0.00250	1	12/12/2024 14:47	WG2417571
Dibromomethane	U		0.000750	0.00500	1	12/12/2024 14:47	WG2417571
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/12/2024 14:47	WG2417571
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/12/2024 14:47	WG2417571
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/12/2024 14:47	WG2417571
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/12/2024 14:47	WG2417571
1,1-Dichloroethane	U		0.000491	0.00250	1	12/12/2024 14:47	WG2417571
1,2-Dichloroethane	U		0.000649	0.00250	1	12/12/2024 14:47	WG2417571
1,1-Dichloroethene	U		0.000606	0.00250	1	12/12/2024 14:47	WG2417571
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/12/2024 14:47	WG2417571
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/12/2024 14:47	WG2417571
1,2-Dichloropropane	U		0.00142	0.00500	1	12/12/2024 14:47	WG2417571
1,1-Dichloropropene	U		0.000809	0.00250	1	12/12/2024 14:47	WG2417571
1,3-Dichloropropane	U		0.000501	0.00500	1	12/12/2024 14:47	WG2417571
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/12/2024 14:47	WG2417571
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/12/2024 14:47	WG2417571
2,2-Dichloropropane	U		0.00138	0.00250	1	12/12/2024 14:47	WG2417571
Di-isopropyl ether	U		0.000410	0.00100	1	12/12/2024 14:47	WG2417571
Ethylbenzene	U		0.000737	0.00250	1	12/12/2024 14:47	WG2417571
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/12/2024 14:47	WG2417571
Isopropylbenzene	U		0.000425	0.00250	1	12/12/2024 14:47	WG2417571
p-Isopropyltoluene	U		0.00255	0.00500	1	12/12/2024 14:47	WG2417571
2-Butanone (MEK)	U		0.0635	0.100	1	12/12/2024 14:47	WG2417571
Methylene Chloride	U		0.00664	0.0250	1	12/12/2024 14:47	WG2417571
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/12/2024 14:47	WG2417571
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/12/2024 14:47	WG2417571
Naphthalene	U		0.00488	0.0125	1	12/12/2024 14:47	WG2417571
n-Propylbenzene	U		0.000950	0.00500	1	12/12/2024 14:47	WG2417571
Styrene	U		0.000229	0.0125	1	12/12/2024 14:47	WG2417571
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/12/2024 14:47	WG2417571
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/12/2024 14:47	WG2417571
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/12/2024 14:47	WG2417571
Tetrachloroethene	U		0.000896	0.00250	1	12/12/2024 14:47	WG2417571
Toluene	U		0.00130	0.00500	1	12/12/2024 14:47	WG2417571
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/12/2024 14:47	WG2417571
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/12/2024 14:47	WG2417571
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/12/2024 14:47	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/12/2024 14:47	WG2417571
Trichloroethene	U		0.000584	0.00100	1	12/12/2024 14:47	WG2417571
Trichlorofluoromethane	U		0.000827	0.00250	1	12/12/2024 14:47	WG2417571
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/12/2024 14:47	WG2417571
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 14:47	WG2417571
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 14:47	WG2417571
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/12/2024 14:47	WG2417571
Vinyl chloride	U		0.00116	0.00250	1	12/12/2024 14:47	WG2417571
Xylenes, Total	U		0.000880	0.00650	1	12/12/2024 14:47	WG2417571
(S) Toluene-d8	*103*			*75.0-131*		*12/12/2024 14:47*	WG2417571
(S) 4-Bromofluorobenzene	*93.6*			*67.0-138*		*12/12/2024 14:47*	WG2417571
(S) 1,2-Dichloroethane-d4	*88.3*			*70.0-130*		*12/12/2024 14:47*	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/12/2024 15:06	WG2417571
Acrylonitrile	U		0.00361	0.0125	1	12/12/2024 15:06	WG2417571
Benzene	U		0.000467	0.00100	1	12/12/2024 15:06	WG2417571
Bromobenzene	U		0.000900	0.0125	1	12/12/2024 15:06	WG2417571
Bromodichloromethane	U		0.000725	0.00250	1	12/12/2024 15:06	WG2417571
Bromoform	U		0.00117	0.0250	1	12/12/2024 15:06	WG2417571
Bromomethane	U		0.00197	0.0125	1	12/12/2024 15:06	WG2417571
n-Butylbenzene	U		0.00525	0.0125	1	12/12/2024 15:06	WG2417571
sec-Butylbenzene	U		0.00288	0.0125	1	12/12/2024 15:06	WG2417571
tert-Butylbenzene	U		0.00195	0.00500	1	12/12/2024 15:06	WG2417571
Carbon tetrachloride	U		0.000898	0.00500	1	12/12/2024 15:06	WG2417571
Chlorobenzene	U		0.000210	0.00250	1	12/12/2024 15:06	WG2417571
Chlorodibromomethane	U		0.000612	0.00250	1	12/12/2024 15:06	WG2417571
Chloroethane	U		0.00170	0.00500	1	12/12/2024 15:06	WG2417571
Chloroform	U		0.00103	0.00250	1	12/12/2024 15:06	WG2417571
Chloromethane	U		0.00435	0.0125	1	12/12/2024 15:06	WG2417571
2-Chlorotoluene	U		0.000865	0.00250	1	12/12/2024 15:06	WG2417571
4-Chlorotoluene	U		0.000450	0.00500	1	12/12/2024 15:06	WG2417571
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/12/2024 15:06	WG2417571
1,2-Dibromoethane	U		0.000648	0.00250	1	12/12/2024 15:06	WG2417571
Dibromomethane	U		0.000750	0.00500	1	12/12/2024 15:06	WG2417571
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/12/2024 15:06	WG2417571
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/12/2024 15:06	WG2417571
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/12/2024 15:06	WG2417571
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/12/2024 15:06	WG2417571
1,1-Dichloroethane	U		0.000491	0.00250	1	12/12/2024 15:06	WG2417571
1,2-Dichloroethane	U		0.000649	0.00250	1	12/12/2024 15:06	WG2417571
1,1-Dichloroethene	U		0.000606	0.00250	1	12/12/2024 15:06	WG2417571
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/12/2024 15:06	WG2417571
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/12/2024 15:06	WG2417571
1,2-Dichloropropane	U		0.00142	0.00500	1	12/12/2024 15:06	WG2417571
1,1-Dichloropropene	U		0.000809	0.00250	1	12/12/2024 15:06	WG2417571
1,3-Dichloropropane	U		0.000501	0.00500	1	12/12/2024 15:06	WG2417571
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/12/2024 15:06	WG2417571
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/12/2024 15:06	WG2417571
2,2-Dichloropropane	U		0.00138	0.00250	1	12/12/2024 15:06	WG2417571
Di-isopropyl ether	U		0.000410	0.00100	1	12/12/2024 15:06	WG2417571
Ethylbenzene	U		0.000737	0.00250	1	12/12/2024 15:06	WG2417571
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/12/2024 15:06	WG2417571
Isopropylbenzene	U		0.000425	0.00250	1	12/12/2024 15:06	WG2417571
p-Isopropyltoluene	U		0.00255	0.00500	1	12/12/2024 15:06	WG2417571
2-Butanone (MEK)	U		0.0635	0.100	1	12/12/2024 15:06	WG2417571
Methylene Chloride	U		0.00664	0.0250	1	12/12/2024 15:06	WG2417571
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/12/2024 15:06	WG2417571
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/12/2024 15:06	WG2417571
Naphthalene	U		0.00488	0.0125	1	12/12/2024 15:06	WG2417571
n-Propylbenzene	U		0.000950	0.00500	1	12/12/2024 15:06	WG2417571
Styrene	U		0.000229	0.0125	1	12/12/2024 15:06	WG2417571
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/12/2024 15:06	WG2417571
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/12/2024 15:06	WG2417571
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/12/2024 15:06	WG2417571
Tetrachloroethene	U		0.000896	0.00250	1	12/12/2024 15:06	WG2417571
Toluene	U		0.00130	0.00500	1	12/12/2024 15:06	WG2417571
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/12/2024 15:06	WG2417571
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/12/2024 15:06	WG2417571
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/12/2024 15:06	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/12/2024 15:06	WG2417571
Trichloroethene	U		0.000584	0.00100	1	12/12/2024 15:06	WG2417571
Trichlorofluoromethane	U		0.000827	0.00250	1	12/12/2024 15:06	WG2417571
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/12/2024 15:06	WG2417571
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 15:06	WG2417571
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 15:06	WG2417571
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/12/2024 15:06	WG2417571
Vinyl chloride	U		0.00116	0.00250	1	12/12/2024 15:06	WG2417571
Xylenes, Total	U		0.000880	0.00650	1	12/12/2024 15:06	WG2417571
(S) Toluene-d8	*106*			*75.0-131*		*12/12/2024 15:06*	WG2417571
(S) 4-Bromofluorobenzene	*94.6*			*67.0-138*		*12/12/2024 15:06*	WG2417571
(S) 1,2-Dichloroethane-d4	*90.7*			*70.0-130*		*12/12/2024 15:06*	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/12/2024 15:25	WG2417571
Acrylonitrile	U		0.00361	0.0125	1	12/12/2024 15:25	WG2417571
Benzene	U		0.000467	0.00100	1	12/12/2024 15:25	WG2417571
Bromobenzene	U		0.000900	0.0125	1	12/12/2024 15:25	WG2417571
Bromodichloromethane	U		0.000725	0.00250	1	12/12/2024 15:25	WG2417571
Bromoform	U		0.00117	0.0250	1	12/12/2024 15:25	WG2417571
Bromomethane	U		0.00197	0.0125	1	12/12/2024 15:25	WG2417571
n-Butylbenzene	U		0.00525	0.0125	1	12/12/2024 15:25	WG2417571
sec-Butylbenzene	U		0.00288	0.0125	1	12/12/2024 15:25	WG2417571
tert-Butylbenzene	U		0.00195	0.00500	1	12/12/2024 15:25	WG2417571
Carbon tetrachloride	U		0.000898	0.00500	1	12/12/2024 15:25	WG2417571
Chlorobenzene	U		0.000210	0.00250	1	12/12/2024 15:25	WG2417571
Chlorodibromomethane	U		0.000612	0.00250	1	12/12/2024 15:25	WG2417571
Chloroethane	U		0.00170	0.00500	1	12/12/2024 15:25	WG2417571
Chloroform	U		0.00103	0.00250	1	12/12/2024 15:25	WG2417571
Chloromethane	U		0.00435	0.0125	1	12/12/2024 15:25	WG2417571
2-Chlorotoluene	U		0.000865	0.00250	1	12/12/2024 15:25	WG2417571
4-Chlorotoluene	U		0.000450	0.00500	1	12/12/2024 15:25	WG2417571
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/12/2024 15:25	WG2417571
1,2-Dibromoethane	U		0.000648	0.00250	1	12/12/2024 15:25	WG2417571
Dibromomethane	U		0.000750	0.00500	1	12/12/2024 15:25	WG2417571
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/12/2024 15:25	WG2417571
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/12/2024 15:25	WG2417571
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/12/2024 15:25	WG2417571
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/12/2024 15:25	WG2417571
1,1-Dichloroethane	U		0.000491	0.00250	1	12/12/2024 15:25	WG2417571
1,2-Dichloroethane	U		0.000649	0.00250	1	12/12/2024 15:25	WG2417571
1,1-Dichloroethene	U		0.000606	0.00250	1	12/12/2024 15:25	WG2417571
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/12/2024 15:25	WG2417571
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/12/2024 15:25	WG2417571
1,2-Dichloropropane	U		0.00142	0.00500	1	12/12/2024 15:25	WG2417571
1,1-Dichloropropene	U		0.000809	0.00250	1	12/12/2024 15:25	WG2417571
1,3-Dichloropropane	U		0.000501	0.00500	1	12/12/2024 15:25	WG2417571
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/12/2024 15:25	WG2417571
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/12/2024 15:25	WG2417571
2,2-Dichloropropane	U		0.00138	0.00250	1	12/12/2024 15:25	WG2417571
Di-isopropyl ether	U		0.000410	0.00100	1	12/12/2024 15:25	WG2417571
Ethylbenzene	U		0.000737	0.00250	1	12/12/2024 15:25	WG2417571
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/12/2024 15:25	WG2417571
Isopropylbenzene	U		0.000425	0.00250	1	12/12/2024 15:25	WG2417571
p-Isopropyltoluene	U		0.00255	0.00500	1	12/12/2024 15:25	WG2417571
2-Butanone (MEK)	U		0.0635	0.100	1	12/12/2024 15:25	WG2417571
Methylene Chloride	U		0.00664	0.0250	1	12/12/2024 15:25	WG2417571
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/12/2024 15:25	WG2417571
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/12/2024 15:25	WG2417571
Naphthalene	U		0.00488	0.0125	1	12/12/2024 15:25	WG2417571
n-Propylbenzene	U		0.000950	0.00500	1	12/12/2024 15:25	WG2417571
Styrene	U		0.000229	0.0125	1	12/12/2024 15:25	WG2417571
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/12/2024 15:25	WG2417571
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/12/2024 15:25	WG2417571
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/12/2024 15:25	WG2417571
Tetrachloroethene	U		0.000896	0.00250	1	12/12/2024 15:25	WG2417571
Toluene	U		0.00130	0.00500	1	12/12/2024 15:25	WG2417571
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/12/2024 15:25	WG2417571
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/12/2024 15:25	WG2417571
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/12/2024 15:25	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/12/2024 15:25	WG2417571
Trichloroethene	U		0.000584	0.00100	1	12/12/2024 15:25	WG2417571
Trichlorofluoromethane	U		0.000827	0.00250	1	12/12/2024 15:25	WG2417571
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/12/2024 15:25	WG2417571
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 15:25	WG2417571
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 15:25	WG2417571
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/12/2024 15:25	WG2417571
Vinyl chloride	U		0.00116	0.00250	1	12/12/2024 15:25	WG2417571
Xylenes, Total	U		0.000880	0.00650	1	12/12/2024 15:25	WG2417571
(S) Toluene-d8	*101*			*75.0-131*		*12/12/2024 15:25*	WG2417571
(S) 4-Bromofluorobenzene	*96.3*			*67.0-138*		*12/12/2024 15:25*	WG2417571
(S) 1,2-Dichloroethane-d4	*90.9*			*70.0-130*		*12/12/2024 15:25*	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/12/2024 15:44	WG2417571
Acrylonitrile	U		0.00361	0.0125	1	12/12/2024 15:44	WG2417571
Benzene	U		0.000467	0.00100	1	12/12/2024 15:44	WG2417571
Bromobenzene	U		0.000900	0.0125	1	12/12/2024 15:44	WG2417571
Bromodichloromethane	U		0.000725	0.00250	1	12/12/2024 15:44	WG2417571
Bromoform	U		0.00117	0.0250	1	12/12/2024 15:44	WG2417571
Bromomethane	U		0.00197	0.0125	1	12/12/2024 15:44	WG2417571
n-Butylbenzene	U		0.00525	0.0125	1	12/12/2024 15:44	WG2417571
sec-Butylbenzene	U		0.00288	0.0125	1	12/12/2024 15:44	WG2417571
tert-Butylbenzene	U		0.00195	0.00500	1	12/12/2024 15:44	WG2417571
Carbon tetrachloride	U		0.000898	0.00500	1	12/12/2024 15:44	WG2417571
Chlorobenzene	U		0.000210	0.00250	1	12/12/2024 15:44	WG2417571
Chlorodibromomethane	U		0.000612	0.00250	1	12/12/2024 15:44	WG2417571
Chloroethane	U		0.00170	0.00500	1	12/12/2024 15:44	WG2417571
Chloroform	U		0.00103	0.00250	1	12/12/2024 15:44	WG2417571
Chloromethane	U		0.00435	0.0125	1	12/12/2024 15:44	WG2417571
2-Chlorotoluene	U		0.000865	0.00250	1	12/12/2024 15:44	WG2417571
4-Chlorotoluene	U		0.000450	0.00500	1	12/12/2024 15:44	WG2417571
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/12/2024 15:44	WG2417571
1,2-Dibromoethane	U		0.000648	0.00250	1	12/12/2024 15:44	WG2417571
Dibromomethane	U		0.000750	0.00500	1	12/12/2024 15:44	WG2417571
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/12/2024 15:44	WG2417571
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/12/2024 15:44	WG2417571
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/12/2024 15:44	WG2417571
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/12/2024 15:44	WG2417571
1,1-Dichloroethane	U		0.000491	0.00250	1	12/12/2024 15:44	WG2417571
1,2-Dichloroethane	U		0.000649	0.00250	1	12/12/2024 15:44	WG2417571
1,1-Dichloroethene	U		0.000606	0.00250	1	12/12/2024 15:44	WG2417571
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/12/2024 15:44	WG2417571
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/12/2024 15:44	WG2417571
1,2-Dichloropropane	U		0.00142	0.00500	1	12/12/2024 15:44	WG2417571
1,1-Dichloropropene	U		0.000809	0.00250	1	12/12/2024 15:44	WG2417571
1,3-Dichloropropane	U		0.000501	0.00500	1	12/12/2024 15:44	WG2417571
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/12/2024 15:44	WG2417571
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/12/2024 15:44	WG2417571
2,2-Dichloropropane	U		0.00138	0.00250	1	12/12/2024 15:44	WG2417571
Di-isopropyl ether	U		0.000410	0.00100	1	12/12/2024 15:44	WG2417571
Ethylbenzene	U		0.000737	0.00250	1	12/12/2024 15:44	WG2417571
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/12/2024 15:44	WG2417571
Isopropylbenzene	U		0.000425	0.00250	1	12/12/2024 15:44	WG2417571
p-Isopropyltoluene	U		0.00255	0.00500	1	12/12/2024 15:44	WG2417571
2-Butanone (MEK)	U		0.0635	0.100	1	12/12/2024 15:44	WG2417571
Methylene Chloride	U		0.00664	0.0250	1	12/12/2024 15:44	WG2417571
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/12/2024 15:44	WG2417571
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/12/2024 15:44	WG2417571
Naphthalene	U		0.00488	0.0125	1	12/12/2024 15:44	WG2417571
n-Propylbenzene	U		0.000950	0.00500	1	12/12/2024 15:44	WG2417571
Styrene	U		0.000229	0.0125	1	12/12/2024 15:44	WG2417571
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/12/2024 15:44	WG2417571
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/12/2024 15:44	WG2417571
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/12/2024 15:44	WG2417571
Tetrachloroethene	U		0.000896	0.00250	1	12/12/2024 15:44	WG2417571
Toluene	U		0.00130	0.00500	1	12/12/2024 15:44	WG2417571
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/12/2024 15:44	WG2417571
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/12/2024 15:44	WG2417571
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/12/2024 15:44	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/12/2024 15:44	WG2417571
Trichloroethene	U		0.000584	0.00100	1	12/12/2024 15:44	WG2417571
Trichlorofluoromethane	U		0.000827	0.00250	1	12/12/2024 15:44	WG2417571
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/12/2024 15:44	WG2417571
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 15:44	WG2417571
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 15:44	WG2417571
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/12/2024 15:44	WG2417571
Vinyl chloride	U		0.00116	0.00250	1	12/12/2024 15:44	WG2417571
Xylenes, Total	U		0.000880	0.00650	1	12/12/2024 15:44	WG2417571
(S) Toluene-d8	*104*			*75.0-131*		*12/12/2024 15:44*	WG2417571
(S) 4-Bromofluorobenzene	*92.9*			*67.0-138*		*12/12/2024 15:44*	WG2417571
(S) 1,2-Dichloroethane-d4	*92.2*			*70.0-130*		*12/12/2024 15:44*	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/12/2024 16:04	WG2417571
Acrylonitrile	U		0.00361	0.0125	1	12/12/2024 16:04	WG2417571
Benzene	U		0.000467	0.00100	1	12/12/2024 16:04	WG2417571
Bromobenzene	U		0.000900	0.0125	1	12/12/2024 16:04	WG2417571
Bromodichloromethane	U		0.000725	0.00250	1	12/12/2024 16:04	WG2417571
Bromoform	U		0.00117	0.0250	1	12/12/2024 16:04	WG2417571
Bromomethane	U		0.00197	0.0125	1	12/12/2024 16:04	WG2417571
n-Butylbenzene	U		0.00525	0.0125	1	12/12/2024 16:04	WG2417571
sec-Butylbenzene	U		0.00288	0.0125	1	12/12/2024 16:04	WG2417571
tert-Butylbenzene	U		0.00195	0.00500	1	12/12/2024 16:04	WG2417571
Carbon tetrachloride	U		0.000898	0.00500	1	12/12/2024 16:04	WG2417571
Chlorobenzene	U		0.000210	0.00250	1	12/12/2024 16:04	WG2417571
Chlorodibromomethane	U		0.000612	0.00250	1	12/12/2024 16:04	WG2417571
Chloroethane	U		0.00170	0.00500	1	12/12/2024 16:04	WG2417571
Chloroform	U		0.00103	0.00250	1	12/12/2024 16:04	WG2417571
Chloromethane	U		0.00435	0.0125	1	12/12/2024 16:04	WG2417571
2-Chlorotoluene	U		0.000865	0.00250	1	12/12/2024 16:04	WG2417571
4-Chlorotoluene	U		0.000450	0.00500	1	12/12/2024 16:04	WG2417571
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/12/2024 16:04	WG2417571
1,2-Dibromoethane	U		0.000648	0.00250	1	12/12/2024 16:04	WG2417571
Dibromomethane	U		0.000750	0.00500	1	12/12/2024 16:04	WG2417571
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/12/2024 16:04	WG2417571
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/12/2024 16:04	WG2417571
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/12/2024 16:04	WG2417571
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/12/2024 16:04	WG2417571
1,1-Dichloroethane	U		0.000491	0.00250	1	12/12/2024 16:04	WG2417571
1,2-Dichloroethane	U		0.000649	0.00250	1	12/12/2024 16:04	WG2417571
1,1-Dichloroethene	U		0.000606	0.00250	1	12/12/2024 16:04	WG2417571
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/12/2024 16:04	WG2417571
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/12/2024 16:04	WG2417571
1,2-Dichloropropane	U		0.00142	0.00500	1	12/12/2024 16:04	WG2417571
1,1-Dichloropropene	U		0.000809	0.00250	1	12/12/2024 16:04	WG2417571
1,3-Dichloropropane	U		0.000501	0.00500	1	12/12/2024 16:04	WG2417571
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/12/2024 16:04	WG2417571
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/12/2024 16:04	WG2417571
2,2-Dichloropropane	U		0.00138	0.00250	1	12/12/2024 16:04	WG2417571
Di-isopropyl ether	U		0.000410	0.00100	1	12/12/2024 16:04	WG2417571
Ethylbenzene	U		0.000737	0.00250	1	12/12/2024 16:04	WG2417571
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/12/2024 16:04	WG2417571
Isopropylbenzene	U		0.000425	0.00250	1	12/12/2024 16:04	WG2417571
p-Isopropyltoluene	U		0.00255	0.00500	1	12/12/2024 16:04	WG2417571
2-Butanone (MEK)	U		0.0635	0.100	1	12/12/2024 16:04	WG2417571
Methylene Chloride	U		0.00664	0.0250	1	12/12/2024 16:04	WG2417571
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/12/2024 16:04	WG2417571
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/12/2024 16:04	WG2417571
Naphthalene	U		0.00488	0.0125	1	12/12/2024 16:04	WG2417571
n-Propylbenzene	U		0.000950	0.00500	1	12/12/2024 16:04	WG2417571
Styrene	U		0.000229	0.0125	1	12/12/2024 16:04	WG2417571
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/12/2024 16:04	WG2417571
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/12/2024 16:04	WG2417571
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/12/2024 16:04	WG2417571
Tetrachloroethene	U		0.000896	0.00250	1	12/12/2024 16:04	WG2417571
Toluene	U		0.00130	0.00500	1	12/12/2024 16:04	WG2417571
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/12/2024 16:04	WG2417571
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/12/2024 16:04	WG2417571
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/12/2024 16:04	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/12/2024 16:04	WG2417571
Trichloroethene	U		0.000584	0.00100	1	12/12/2024 16:04	WG2417571
Trichlorofluoromethane	U		0.000827	0.00250	1	12/12/2024 16:04	WG2417571
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/12/2024 16:04	WG2417571
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 16:04	WG2417571
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 16:04	WG2417571
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/12/2024 16:04	WG2417571
Vinyl chloride	U		0.00116	0.00250	1	12/12/2024 16:04	WG2417571
Xylenes, Total	U		0.000880	0.00650	1	12/12/2024 16:04	WG2417571
(S) Toluene-d8	*103*			*75.0-131*		*12/12/2024 16:04*	WG2417571
(S) 4-Bromofluorobenzene	*92.6*			*67.0-138*		*12/12/2024 16:04*	WG2417571
(S) 1,2-Dichloroethane-d4	*90.9*			*70.0-130*		*12/12/2024 16:04*	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/12/2024 16:23	WG2417571
Acrylonitrile	U		0.00361	0.0125	1	12/12/2024 16:23	WG2417571
Benzene	U		0.000467	0.00100	1	12/12/2024 16:23	WG2417571
Bromobenzene	U		0.000900	0.0125	1	12/12/2024 16:23	WG2417571
Bromodichloromethane	U		0.000725	0.00250	1	12/12/2024 16:23	WG2417571
Bromoform	U		0.00117	0.0250	1	12/12/2024 16:23	WG2417571
Bromomethane	U		0.00197	0.0125	1	12/12/2024 16:23	WG2417571
n-Butylbenzene	U		0.00525	0.0125	1	12/12/2024 16:23	WG2417571
sec-Butylbenzene	U		0.00288	0.0125	1	12/12/2024 16:23	WG2417571
tert-Butylbenzene	U		0.00195	0.00500	1	12/12/2024 16:23	WG2417571
Carbon tetrachloride	U		0.000898	0.00500	1	12/12/2024 16:23	WG2417571
Chlorobenzene	U		0.000210	0.00250	1	12/12/2024 16:23	WG2417571
Chlorodibromomethane	U		0.000612	0.00250	1	12/12/2024 16:23	WG2417571
Chloroethane	U		0.00170	0.00500	1	12/12/2024 16:23	WG2417571
Chloroform	U		0.00103	0.00250	1	12/12/2024 16:23	WG2417571
Chloromethane	U		0.00435	0.0125	1	12/12/2024 16:23	WG2417571
2-Chlorotoluene	U		0.000865	0.00250	1	12/12/2024 16:23	WG2417571
4-Chlorotoluene	U		0.000450	0.00500	1	12/12/2024 16:23	WG2417571
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/12/2024 16:23	WG2417571
1,2-Dibromoethane	U		0.000648	0.00250	1	12/12/2024 16:23	WG2417571
Dibromomethane	U		0.000750	0.00500	1	12/12/2024 16:23	WG2417571
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/12/2024 16:23	WG2417571
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/12/2024 16:23	WG2417571
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/12/2024 16:23	WG2417571
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/12/2024 16:23	WG2417571
1,1-Dichloroethane	U		0.000491	0.00250	1	12/12/2024 16:23	WG2417571
1,2-Dichloroethane	U		0.000649	0.00250	1	12/12/2024 16:23	WG2417571
1,1-Dichloroethene	U		0.000606	0.00250	1	12/12/2024 16:23	WG2417571
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/12/2024 16:23	WG2417571
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/12/2024 16:23	WG2417571
1,2-Dichloropropane	U		0.00142	0.00500	1	12/12/2024 16:23	WG2417571
1,1-Dichloropropene	U		0.000809	0.00250	1	12/12/2024 16:23	WG2417571
1,3-Dichloropropane	U		0.000501	0.00500	1	12/12/2024 16:23	WG2417571
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/12/2024 16:23	WG2417571
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/12/2024 16:23	WG2417571
2,2-Dichloropropane	U		0.00138	0.00250	1	12/12/2024 16:23	WG2417571
Di-isopropyl ether	U		0.000410	0.00100	1	12/12/2024 16:23	WG2417571
Ethylbenzene	U		0.000737	0.00250	1	12/12/2024 16:23	WG2417571
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/12/2024 16:23	WG2417571
Isopropylbenzene	U		0.000425	0.00250	1	12/12/2024 16:23	WG2417571
p-Isopropyltoluene	U		0.00255	0.00500	1	12/12/2024 16:23	WG2417571
2-Butanone (MEK)	U		0.0635	0.100	1	12/12/2024 16:23	WG2417571
Methylene Chloride	U		0.00664	0.0250	1	12/12/2024 16:23	WG2417571
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/12/2024 16:23	WG2417571
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/12/2024 16:23	WG2417571
Naphthalene	U		0.00488	0.0125	1	12/12/2024 16:23	WG2417571
n-Propylbenzene	U		0.000950	0.00500	1	12/12/2024 16:23	WG2417571
Styrene	U		0.000229	0.0125	1	12/12/2024 16:23	WG2417571
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/12/2024 16:23	WG2417571
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/12/2024 16:23	WG2417571
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/12/2024 16:23	WG2417571
Tetrachloroethene	U		0.000896	0.00250	1	12/12/2024 16:23	WG2417571
Toluene	U		0.00130	0.00500	1	12/12/2024 16:23	WG2417571
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/12/2024 16:23	WG2417571
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/12/2024 16:23	WG2417571
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/12/2024 16:23	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/12/2024 16:23	WG2417571
Trichloroethene	U		0.000584	0.00100	1	12/12/2024 16:23	WG2417571
Trichlorofluoromethane	U		0.000827	0.00250	1	12/12/2024 16:23	WG2417571
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/12/2024 16:23	WG2417571
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 16:23	WG2417571
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 16:23	WG2417571
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/12/2024 16:23	WG2417571
Vinyl chloride	U		0.00116	0.00250	1	12/12/2024 16:23	WG2417571
Xylenes, Total	U		0.000880	0.00650	1	12/12/2024 16:23	WG2417571
(S) Toluene-d8	*102*			*75.0-131*		*12/12/2024 16:23*	WG2417571
(S) 4-Bromofluorobenzene	*90.7*			*67.0-138*		*12/12/2024 16:23*	WG2417571
(S) 1,2-Dichloroethane-d4	*89.6*			*70.0-130*		*12/12/2024 16:23*	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/12/2024 16:42	WG2417571
Acrylonitrile	U		0.00361	0.0125	1	12/12/2024 16:42	WG2417571
Benzene	U		0.000467	0.00100	1	12/12/2024 16:42	WG2417571
Bromobenzene	U		0.000900	0.0125	1	12/12/2024 16:42	WG2417571
Bromodichloromethane	U		0.000725	0.00250	1	12/12/2024 16:42	WG2417571
Bromoform	U		0.00117	0.0250	1	12/12/2024 16:42	WG2417571
Bromomethane	U		0.00197	0.0125	1	12/12/2024 16:42	WG2417571
n-Butylbenzene	U		0.00525	0.0125	1	12/12/2024 16:42	WG2417571
sec-Butylbenzene	U		0.00288	0.0125	1	12/12/2024 16:42	WG2417571
tert-Butylbenzene	U		0.00195	0.00500	1	12/12/2024 16:42	WG2417571
Carbon tetrachloride	U		0.000898	0.00500	1	12/12/2024 16:42	WG2417571
Chlorobenzene	U		0.000210	0.00250	1	12/12/2024 16:42	WG2417571
Chlorodibromomethane	U		0.000612	0.00250	1	12/12/2024 16:42	WG2417571
Chloroethane	U		0.00170	0.00500	1	12/12/2024 16:42	WG2417571
Chloroform	U		0.00103	0.00250	1	12/12/2024 16:42	WG2417571
Chloromethane	U		0.00435	0.0125	1	12/12/2024 16:42	WG2417571
2-Chlorotoluene	U		0.000865	0.00250	1	12/12/2024 16:42	WG2417571
4-Chlorotoluene	U		0.000450	0.00500	1	12/12/2024 16:42	WG2417571
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/12/2024 16:42	WG2417571
1,2-Dibromoethane	U		0.000648	0.00250	1	12/12/2024 16:42	WG2417571
Dibromomethane	U		0.000750	0.00500	1	12/12/2024 16:42	WG2417571
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/12/2024 16:42	WG2417571
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/12/2024 16:42	WG2417571
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/12/2024 16:42	WG2417571
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/12/2024 16:42	WG2417571
1,1-Dichloroethane	U		0.000491	0.00250	1	12/12/2024 16:42	WG2417571
1,2-Dichloroethane	U		0.000649	0.00250	1	12/12/2024 16:42	WG2417571
1,1-Dichloroethene	U		0.000606	0.00250	1	12/12/2024 16:42	WG2417571
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/12/2024 16:42	WG2417571
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/12/2024 16:42	WG2417571
1,2-Dichloropropane	U		0.00142	0.00500	1	12/12/2024 16:42	WG2417571
1,1-Dichloropropene	U		0.000809	0.00250	1	12/12/2024 16:42	WG2417571
1,3-Dichloropropane	U		0.000501	0.00500	1	12/12/2024 16:42	WG2417571
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/12/2024 16:42	WG2417571
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/12/2024 16:42	WG2417571
2,2-Dichloropropane	U		0.00138	0.00250	1	12/12/2024 16:42	WG2417571
Di-isopropyl ether	U		0.000410	0.00100	1	12/12/2024 16:42	WG2417571
Ethylbenzene	U		0.000737	0.00250	1	12/12/2024 16:42	WG2417571
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/12/2024 16:42	WG2417571
Isopropylbenzene	U		0.000425	0.00250	1	12/12/2024 16:42	WG2417571
p-Isopropyltoluene	U		0.00255	0.00500	1	12/12/2024 16:42	WG2417571
2-Butanone (MEK)	U		0.0635	0.100	1	12/12/2024 16:42	WG2417571
Methylene Chloride	U		0.00664	0.0250	1	12/12/2024 16:42	WG2417571
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/12/2024 16:42	WG2417571
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/12/2024 16:42	WG2417571
Naphthalene	U		0.00488	0.0125	1	12/12/2024 16:42	WG2417571
n-Propylbenzene	U		0.000950	0.00500	1	12/12/2024 16:42	WG2417571
Styrene	U		0.000229	0.0125	1	12/12/2024 16:42	WG2417571
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/12/2024 16:42	WG2417571
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/12/2024 16:42	WG2417571
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/12/2024 16:42	WG2417571
Tetrachloroethene	U		0.000896	0.00250	1	12/12/2024 16:42	WG2417571
Toluene	U		0.00130	0.00500	1	12/12/2024 16:42	WG2417571
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/12/2024 16:42	WG2417571
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/12/2024 16:42	WG2417571
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/12/2024 16:42	WG2417571

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/12/2024 16:42	WG2417571
Trichloroethene	U		0.000584	0.00100	1	12/12/2024 16:42	WG2417571
Trichlorofluoromethane	U		0.000827	0.00250	1	12/12/2024 16:42	WG2417571
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/12/2024 16:42	WG2417571
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 16:42	WG2417571
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 16:42	WG2417571
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/12/2024 16:42	WG2417571
Vinyl chloride	U		0.00116	0.00250	1	12/12/2024 16:42	WG2417571
Xylenes, Total	U		0.000880	0.00650	1	12/12/2024 16:42	WG2417571
(S) Toluene-d8	*102*			*75.0-131*		*12/12/2024 16:42*	WG2417571
(S) 4-Bromofluorobenzene	*93.3*			*67.0-138*		*12/12/2024 16:42*	WG2417571
(S) 1,2-Dichloroethane-d4	*92.4*			*70.0-130*		*12/12/2024 16:42*	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/12/2024 17:01	WG2417571
Acrylonitrile	U		0.00361	0.0125	1	12/12/2024 17:01	WG2417571
Benzene	U		0.000467	0.00100	1	12/12/2024 17:01	WG2417571
Bromobenzene	U		0.000900	0.0125	1	12/12/2024 17:01	WG2417571
Bromodichloromethane	U		0.000725	0.00250	1	12/12/2024 17:01	WG2417571
Bromoform	U		0.00117	0.0250	1	12/12/2024 17:01	WG2417571
Bromomethane	U		0.00197	0.0125	1	12/12/2024 17:01	WG2417571
n-Butylbenzene	U		0.00525	0.0125	1	12/12/2024 17:01	WG2417571
sec-Butylbenzene	U		0.00288	0.0125	1	12/12/2024 17:01	WG2417571
tert-Butylbenzene	U		0.00195	0.00500	1	12/12/2024 17:01	WG2417571
Carbon tetrachloride	U		0.000898	0.00500	1	12/12/2024 17:01	WG2417571
Chlorobenzene	U		0.000210	0.00250	1	12/12/2024 17:01	WG2417571
Chlorodibromomethane	U		0.000612	0.00250	1	12/12/2024 17:01	WG2417571
Chloroethane	U		0.00170	0.00500	1	12/12/2024 17:01	WG2417571
Chloroform	U		0.00103	0.00250	1	12/12/2024 17:01	WG2417571
Chloromethane	U		0.00435	0.0125	1	12/12/2024 17:01	WG2417571
2-Chlorotoluene	U		0.000865	0.00250	1	12/12/2024 17:01	WG2417571
4-Chlorotoluene	U		0.000450	0.00500	1	12/12/2024 17:01	WG2417571
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/12/2024 17:01	WG2417571
1,2-Dibromoethane	U		0.000648	0.00250	1	12/12/2024 17:01	WG2417571
Dibromomethane	U		0.000750	0.00500	1	12/12/2024 17:01	WG2417571
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/12/2024 17:01	WG2417571
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/12/2024 17:01	WG2417571
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/12/2024 17:01	WG2417571
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/12/2024 17:01	WG2417571
1,1-Dichloroethane	U		0.000491	0.00250	1	12/12/2024 17:01	WG2417571
1,2-Dichloroethane	U		0.000649	0.00250	1	12/12/2024 17:01	WG2417571
1,1-Dichloroethene	U		0.000606	0.00250	1	12/12/2024 17:01	WG2417571
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/12/2024 17:01	WG2417571
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/12/2024 17:01	WG2417571
1,2-Dichloropropane	U		0.00142	0.00500	1	12/12/2024 17:01	WG2417571
1,1-Dichloropropene	U		0.000809	0.00250	1	12/12/2024 17:01	WG2417571
1,3-Dichloropropane	U		0.000501	0.00500	1	12/12/2024 17:01	WG2417571
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/12/2024 17:01	WG2417571
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/12/2024 17:01	WG2417571
2,2-Dichloropropane	U		0.00138	0.00250	1	12/12/2024 17:01	WG2417571
Di-isopropyl ether	U		0.000410	0.00100	1	12/12/2024 17:01	WG2417571
Ethylbenzene	U		0.000737	0.00250	1	12/12/2024 17:01	WG2417571
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/12/2024 17:01	WG2417571
Isopropylbenzene	U		0.000425	0.00250	1	12/12/2024 17:01	WG2417571
p-Isopropyltoluene	U		0.00255	0.00500	1	12/12/2024 17:01	WG2417571
2-Butanone (MEK)	U		0.0635	0.100	1	12/12/2024 17:01	WG2417571
Methylene Chloride	U		0.00664	0.0250	1	12/12/2024 17:01	WG2417571
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/12/2024 17:01	WG2417571
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/12/2024 17:01	WG2417571
Naphthalene	U		0.00488	0.0125	1	12/12/2024 17:01	WG2417571
n-Propylbenzene	U		0.000950	0.00500	1	12/12/2024 17:01	WG2417571
Styrene	U		0.000229	0.0125	1	12/12/2024 17:01	WG2417571
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/12/2024 17:01	WG2417571
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/12/2024 17:01	WG2417571
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/12/2024 17:01	WG2417571
Tetrachloroethene	U		0.000896	0.00250	1	12/12/2024 17:01	WG2417571
Toluene	U		0.00130	0.00500	1	12/12/2024 17:01	WG2417571
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/12/2024 17:01	WG2417571
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/12/2024 17:01	WG2417571
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/12/2024 17:01	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/12/2024 17:01	WG2417571
Trichloroethene	U		0.000584	0.00100	1	12/12/2024 17:01	WG2417571
Trichlorofluoromethane	U		0.000827	0.00250	1	12/12/2024 17:01	WG2417571
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/12/2024 17:01	WG2417571
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 17:01	WG2417571
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 17:01	WG2417571
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/12/2024 17:01	WG2417571
Vinyl chloride	U		0.00116	0.00250	1	12/12/2024 17:01	WG2417571
Xylenes, Total	U		0.000880	0.00650	1	12/12/2024 17:01	WG2417571
(S) Toluene-d8	*103*			*75.0-131*		*12/12/2024 17:01*	WG2417571
(S) 4-Bromofluorobenzene	*91.6*			*67.0-138*		*12/12/2024 17:01*	WG2417571
(S) 1,2-Dichloroethane-d4	*92.0*			*70.0-130*		*12/12/2024 17:01*	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/12/2024 17:20	WG2417571
Acrylonitrile	U		0.00361	0.0125	1	12/12/2024 17:20	WG2417571
Benzene	U		0.000467	0.00100	1	12/12/2024 17:20	WG2417571
Bromobenzene	U		0.000900	0.0125	1	12/12/2024 17:20	WG2417571
Bromodichloromethane	U		0.000725	0.00250	1	12/12/2024 17:20	WG2417571
Bromoform	U		0.00117	0.0250	1	12/12/2024 17:20	WG2417571
Bromomethane	U		0.00197	0.0125	1	12/12/2024 17:20	WG2417571
n-Butylbenzene	U		0.00525	0.0125	1	12/12/2024 17:20	WG2417571
sec-Butylbenzene	U		0.00288	0.0125	1	12/12/2024 17:20	WG2417571
tert-Butylbenzene	U		0.00195	0.00500	1	12/12/2024 17:20	WG2417571
Carbon tetrachloride	U		0.000898	0.00500	1	12/12/2024 17:20	WG2417571
Chlorobenzene	U		0.000210	0.00250	1	12/12/2024 17:20	WG2417571
Chlorodibromomethane	U		0.000612	0.00250	1	12/12/2024 17:20	WG2417571
Chloroethane	U		0.00170	0.00500	1	12/12/2024 17:20	WG2417571
Chloroform	U		0.00103	0.00250	1	12/12/2024 17:20	WG2417571
Chloromethane	U		0.00435	0.0125	1	12/12/2024 17:20	WG2417571
2-Chlorotoluene	U		0.000865	0.00250	1	12/12/2024 17:20	WG2417571
4-Chlorotoluene	U		0.000450	0.00500	1	12/12/2024 17:20	WG2417571
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/12/2024 17:20	WG2417571
1,2-Dibromoethane	U		0.000648	0.00250	1	12/12/2024 17:20	WG2417571
Dibromomethane	U		0.000750	0.00500	1	12/12/2024 17:20	WG2417571
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/12/2024 17:20	WG2417571
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/12/2024 17:20	WG2417571
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/12/2024 17:20	WG2417571
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/12/2024 17:20	WG2417571
1,1-Dichloroethane	U		0.000491	0.00250	1	12/12/2024 17:20	WG2417571
1,2-Dichloroethane	U		0.000649	0.00250	1	12/12/2024 17:20	WG2417571
1,1-Dichloroethene	U		0.000606	0.00250	1	12/12/2024 17:20	WG2417571
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/12/2024 17:20	WG2417571
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/12/2024 17:20	WG2417571
1,2-Dichloropropane	U		0.00142	0.00500	1	12/12/2024 17:20	WG2417571
1,1-Dichloropropene	U		0.000809	0.00250	1	12/12/2024 17:20	WG2417571
1,3-Dichloropropane	U		0.000501	0.00500	1	12/12/2024 17:20	WG2417571
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/12/2024 17:20	WG2417571
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/12/2024 17:20	WG2417571
2,2-Dichloropropane	U		0.00138	0.00250	1	12/12/2024 17:20	WG2417571
Di-isopropyl ether	U		0.000410	0.00100	1	12/12/2024 17:20	WG2417571
Ethylbenzene	U		0.000737	0.00250	1	12/12/2024 17:20	WG2417571
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/12/2024 17:20	WG2417571
Isopropylbenzene	U		0.000425	0.00250	1	12/12/2024 17:20	WG2417571
p-Isopropyltoluene	U		0.00255	0.00500	1	12/12/2024 17:20	WG2417571
2-Butanone (MEK)	U		0.0635	0.100	1	12/12/2024 17:20	WG2417571
Methylene Chloride	U		0.00664	0.0250	1	12/12/2024 17:20	WG2417571
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/12/2024 17:20	WG2417571
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/12/2024 17:20	WG2417571
Naphthalene	U		0.00488	0.0125	1	12/12/2024 17:20	WG2417571
n-Propylbenzene	U		0.000950	0.00500	1	12/12/2024 17:20	WG2417571
Styrene	U		0.000229	0.0125	1	12/12/2024 17:20	WG2417571
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/12/2024 17:20	WG2417571
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/12/2024 17:20	WG2417571
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/12/2024 17:20	WG2417571
Tetrachloroethene	U		0.000896	0.00250	1	12/12/2024 17:20	WG2417571
Toluene	U		0.00130	0.00500	1	12/12/2024 17:20	WG2417571
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/12/2024 17:20	WG2417571
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/12/2024 17:20	WG2417571
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/12/2024 17:20	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/12/2024 17:20	WG2417571
Trichloroethene	U		0.000584	0.00100	1	12/12/2024 17:20	WG2417571
Trichlorofluoromethane	U		0.000827	0.00250	1	12/12/2024 17:20	WG2417571
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/12/2024 17:20	WG2417571
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 17:20	WG2417571
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/12/2024 17:20	WG2417571
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/12/2024 17:20	WG2417571
Vinyl chloride	U		0.00116	0.00250	1	12/12/2024 17:20	WG2417571
Xylenes, Total	U		0.000880	0.00650	1	12/12/2024 17:20	WG2417571
(S) Toluene-d8	*104*			*75.0-131*		*12/12/2024 17:20*	WG2417571
(S) 4-Bromofluorobenzene	*89.6*			*67.0-138*		*12/12/2024 17:20*	WG2417571
(S) 1,2-Dichloroethane-d4	*91.8*			*70.0-130*		*12/12/2024 17:20*	WG2417571

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/14/2024 09:03	WG2418055
Acrylonitrile	U		0.00361	0.0125	1	12/14/2024 09:03	WG2418055
Benzene	U		0.000467	0.00100	1	12/14/2024 09:03	WG2418055
Bromobenzene	U		0.000900	0.0125	1	12/14/2024 09:03	WG2418055
Bromodichloromethane	U		0.000725	0.00250	1	12/14/2024 09:03	WG2418055
Bromoform	U		0.00117	0.0250	1	12/14/2024 09:03	WG2418055
Bromomethane	U		0.00197	0.0125	1	12/14/2024 09:03	WG2418055
n-Butylbenzene	U		0.00525	0.0125	1	12/14/2024 09:03	WG2418055
sec-Butylbenzene	U		0.00288	0.0125	1	12/14/2024 09:03	WG2418055
tert-Butylbenzene	U		0.00195	0.00500	1	12/14/2024 09:03	WG2418055
Carbon tetrachloride	U		0.000898	0.00500	1	12/14/2024 09:03	WG2418055
Chlorobenzene	U		0.000210	0.00250	1	12/14/2024 09:03	WG2418055
Chlorodibromomethane	U		0.000612	0.00250	1	12/14/2024 09:03	WG2418055
Chloroethane	U		0.00170	0.00500	1	12/14/2024 09:03	WG2418055
Chloroform	U		0.00103	0.00250	1	12/14/2024 09:03	WG2418055
Chloromethane	U		0.00435	0.0125	1	12/14/2024 09:03	WG2418055
2-Chlorotoluene	U		0.000865	0.00250	1	12/14/2024 09:03	WG2418055
4-Chlorotoluene	U		0.000450	0.00500	1	12/14/2024 09:03	WG2418055
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/14/2024 09:03	WG2418055
1,2-Dibromoethane	U		0.000648	0.00250	1	12/14/2024 09:03	WG2418055
Dibromomethane	U		0.000750	0.00500	1	12/14/2024 09:03	WG2418055
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/14/2024 09:03	WG2418055
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/14/2024 09:03	WG2418055
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/14/2024 09:03	WG2418055
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/14/2024 09:03	WG2418055
1,1-Dichloroethane	U		0.000491	0.00250	1	12/14/2024 09:03	WG2418055
1,2-Dichloroethane	U		0.000649	0.00250	1	12/14/2024 09:03	WG2418055
1,1-Dichloroethene	U		0.000606	0.00250	1	12/14/2024 09:03	WG2418055
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/14/2024 09:03	WG2418055
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/14/2024 09:03	WG2418055
1,2-Dichloropropane	U		0.00142	0.00500	1	12/14/2024 09:03	WG2418055
1,1-Dichloropropene	U		0.000809	0.00250	1	12/14/2024 09:03	WG2418055
1,3-Dichloropropane	U		0.000501	0.00500	1	12/14/2024 09:03	WG2418055
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/14/2024 09:03	WG2418055
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/14/2024 09:03	WG2418055
2,2-Dichloropropane	U		0.00138	0.00250	1	12/14/2024 09:03	WG2418055
Di-isopropyl ether	U		0.000410	0.00100	1	12/14/2024 09:03	WG2418055
Ethylbenzene	U		0.000737	0.00250	1	12/14/2024 09:03	WG2418055
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/14/2024 09:03	WG2418055
Isopropylbenzene	U		0.000425	0.00250	1	12/14/2024 09:03	WG2418055
p-Isopropyltoluene	U		0.00255	0.00500	1	12/14/2024 09:03	WG2418055
2-Butanone (MEK)	U		0.0635	0.100	1	12/14/2024 09:03	WG2418055
Methylene Chloride	U		0.00664	0.0250	1	12/14/2024 09:03	WG2418055
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/14/2024 09:03	WG2418055
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/14/2024 09:03	WG2418055
Naphthalene	U		0.00488	0.0125	1	12/14/2024 09:03	WG2418055
n-Propylbenzene	U		0.000950	0.00500	1	12/14/2024 09:03	WG2418055
Styrene	U		0.000229	0.0125	1	12/14/2024 09:03	WG2418055
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/14/2024 09:03	WG2418055
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/14/2024 09:03	WG2418055
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/14/2024 09:03	WG2418055
Tetrachloroethene	U		0.000896	0.00250	1	12/14/2024 09:03	WG2418055
Toluene	U		0.00130	0.00500	1	12/14/2024 09:03	WG2418055
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/14/2024 09:03	WG2418055
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/14/2024 09:03	WG2418055
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/14/2024 09:03	WG2418055

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/14/2024 09:03	WG2418055
Trichloroethene	U		0.000584	0.00100	1	12/14/2024 09:03	WG2418055
Trichlorofluoromethane	U		0.000827	0.00250	1	12/14/2024 09:03	WG2418055
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/14/2024 09:03	WG2418055
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/14/2024 09:03	WG2418055
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/14/2024 09:03	WG2418055
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/14/2024 09:03	WG2418055
Vinyl chloride	U		0.00116	0.00250	1	12/14/2024 09:03	WG2418055
Xylenes, Total	U		0.000880	0.00650	1	12/14/2024 09:03	WG2418055
(S) Toluene-d8	*107*			*75.0-131*		*12/14/2024 09:03*	WG2418055
(S) 4-Bromofluorobenzene	*85.8*			*67.0-138*		*12/14/2024 09:03*	WG2418055
(S) 1,2-Dichloroethane-d4	*92.7*			*70.0-130*		*12/14/2024 09:03*	WG2418055

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/14/2024 09:23	WG2418055
Acrylonitrile	U		0.00361	0.0125	1	12/14/2024 09:23	WG2418055
Benzene	U		0.000467	0.00100	1	12/14/2024 09:23	WG2418055
Bromobenzene	U		0.000900	0.0125	1	12/14/2024 09:23	WG2418055
Bromodichloromethane	U		0.000725	0.00250	1	12/14/2024 09:23	WG2418055
Bromoform	U		0.00117	0.0250	1	12/14/2024 09:23	WG2418055
Bromomethane	U		0.00197	0.0125	1	12/14/2024 09:23	WG2418055
n-Butylbenzene	U		0.00525	0.0125	1	12/14/2024 09:23	WG2418055
sec-Butylbenzene	U		0.00288	0.0125	1	12/14/2024 09:23	WG2418055
tert-Butylbenzene	U		0.00195	0.00500	1	12/14/2024 09:23	WG2418055
Carbon tetrachloride	U		0.000898	0.00500	1	12/14/2024 09:23	WG2418055
Chlorobenzene	U		0.000210	0.00250	1	12/14/2024 09:23	WG2418055
Chlorodibromomethane	U		0.000612	0.00250	1	12/14/2024 09:23	WG2418055
Chloroethane	U		0.00170	0.00500	1	12/14/2024 09:23	WG2418055
Chloroform	U		0.00103	0.00250	1	12/14/2024 09:23	WG2418055
Chloromethane	U		0.00435	0.0125	1	12/14/2024 09:23	WG2418055
2-Chlorotoluene	U		0.000865	0.00250	1	12/14/2024 09:23	WG2418055
4-Chlorotoluene	U		0.000450	0.00500	1	12/14/2024 09:23	WG2418055
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/14/2024 09:23	WG2418055
1,2-Dibromoethane	U		0.000648	0.00250	1	12/14/2024 09:23	WG2418055
Dibromomethane	U		0.000750	0.00500	1	12/14/2024 09:23	WG2418055
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/14/2024 09:23	WG2418055
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/14/2024 09:23	WG2418055
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/14/2024 09:23	WG2418055
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/14/2024 09:23	WG2418055
1,1-Dichloroethane	U		0.000491	0.00250	1	12/14/2024 09:23	WG2418055
1,2-Dichloroethane	U		0.000649	0.00250	1	12/14/2024 09:23	WG2418055
1,1-Dichloroethene	U		0.000606	0.00250	1	12/14/2024 09:23	WG2418055
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/14/2024 09:23	WG2418055
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/14/2024 09:23	WG2418055
1,2-Dichloropropane	U		0.00142	0.00500	1	12/14/2024 09:23	WG2418055
1,1-Dichloropropene	U		0.000809	0.00250	1	12/14/2024 09:23	WG2418055
1,3-Dichloropropane	U		0.000501	0.00500	1	12/14/2024 09:23	WG2418055
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/14/2024 09:23	WG2418055
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/14/2024 09:23	WG2418055
2,2-Dichloropropane	U		0.00138	0.00250	1	12/14/2024 09:23	WG2418055
Di-isopropyl ether	U		0.000410	0.00100	1	12/14/2024 09:23	WG2418055
Ethylbenzene	U		0.000737	0.00250	1	12/14/2024 09:23	WG2418055
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/14/2024 09:23	WG2418055
Isopropylbenzene	U		0.000425	0.00250	1	12/14/2024 09:23	WG2418055
p-Isopropyltoluene	U		0.00255	0.00500	1	12/14/2024 09:23	WG2418055
2-Butanone (MEK)	U		0.0635	0.100	1	12/14/2024 09:23	WG2418055
Methylene Chloride	U		0.00664	0.0250	1	12/14/2024 09:23	WG2418055
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/14/2024 09:23	WG2418055
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/14/2024 09:23	WG2418055
Naphthalene	U		0.00488	0.0125	1	12/14/2024 09:23	WG2418055
n-Propylbenzene	U		0.000950	0.00500	1	12/14/2024 09:23	WG2418055
Styrene	U		0.000229	0.0125	1	12/14/2024 09:23	WG2418055
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/14/2024 09:23	WG2418055
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/14/2024 09:23	WG2418055
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/14/2024 09:23	WG2418055
Tetrachloroethene	U		0.000896	0.00250	1	12/14/2024 09:23	WG2418055
Toluene	U		0.00130	0.00500	1	12/14/2024 09:23	WG2418055
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/14/2024 09:23	WG2418055
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/14/2024 09:23	WG2418055
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/14/2024 09:23	WG2418055

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/14/2024 09:23	WG2418055
Trichloroethene	U		0.000584	0.00100	1	12/14/2024 09:23	WG2418055
Trichlorofluoromethane	U		0.000827	0.00250	1	12/14/2024 09:23	WG2418055
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/14/2024 09:23	WG2418055
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/14/2024 09:23	WG2418055
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/14/2024 09:23	WG2418055
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/14/2024 09:23	WG2418055
Vinyl chloride	U		0.00116	0.00250	1	12/14/2024 09:23	WG2418055
Xylenes, Total	U		0.000880	0.00650	1	12/14/2024 09:23	WG2418055
(S) Toluene-d8	*109*			*75.0-131*		*12/14/2024 09:23*	WG2418055
(S) 4-Bromofluorobenzene	*82.8*			*67.0-138*		*12/14/2024 09:23*	WG2418055
(S) 1,2-Dichloroethane-d4	*86.0*			*70.0-130*		*12/14/2024 09:23*	WG2418055

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/14/2024 09:43	WG2418055
Acrylonitrile	U		0.00361	0.0125	1	12/14/2024 09:43	WG2418055
Benzene	U		0.000467	0.00100	1	12/14/2024 09:43	WG2418055
Bromobenzene	U		0.000900	0.0125	1	12/14/2024 09:43	WG2418055
Bromodichloromethane	U		0.000725	0.00250	1	12/14/2024 09:43	WG2418055
Bromoform	U		0.00117	0.0250	1	12/14/2024 09:43	WG2418055
Bromomethane	U		0.00197	0.0125	1	12/14/2024 09:43	WG2418055
n-Butylbenzene	U		0.00525	0.0125	1	12/14/2024 09:43	WG2418055
sec-Butylbenzene	U		0.00288	0.0125	1	12/14/2024 09:43	WG2418055
tert-Butylbenzene	U		0.00195	0.00500	1	12/14/2024 09:43	WG2418055
Carbon tetrachloride	U		0.000898	0.00500	1	12/14/2024 09:43	WG2418055
Chlorobenzene	U		0.000210	0.00250	1	12/14/2024 09:43	WG2418055
Chlorodibromomethane	U		0.000612	0.00250	1	12/14/2024 09:43	WG2418055
Chloroethane	U		0.00170	0.00500	1	12/14/2024 09:43	WG2418055
Chloroform	U		0.00103	0.00250	1	12/14/2024 09:43	WG2418055
Chloromethane	U		0.00435	0.0125	1	12/14/2024 09:43	WG2418055
2-Chlorotoluene	U		0.000865	0.00250	1	12/14/2024 09:43	WG2418055
4-Chlorotoluene	U		0.000450	0.00500	1	12/14/2024 09:43	WG2418055
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/14/2024 09:43	WG2418055
1,2-Dibromoethane	U		0.000648	0.00250	1	12/14/2024 09:43	WG2418055
Dibromomethane	U		0.000750	0.00500	1	12/14/2024 09:43	WG2418055
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/14/2024 09:43	WG2418055
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/14/2024 09:43	WG2418055
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/14/2024 09:43	WG2418055
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/14/2024 09:43	WG2418055
1,1-Dichloroethane	U		0.000491	0.00250	1	12/14/2024 09:43	WG2418055
1,2-Dichloroethane	U		0.000649	0.00250	1	12/14/2024 09:43	WG2418055
1,1-Dichloroethene	U		0.000606	0.00250	1	12/14/2024 09:43	WG2418055
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/14/2024 09:43	WG2418055
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/14/2024 09:43	WG2418055
1,2-Dichloropropane	U		0.00142	0.00500	1	12/14/2024 09:43	WG2418055
1,1-Dichloropropene	U		0.000809	0.00250	1	12/14/2024 09:43	WG2418055
1,3-Dichloropropane	U		0.000501	0.00500	1	12/14/2024 09:43	WG2418055
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/14/2024 09:43	WG2418055
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/14/2024 09:43	WG2418055
2,2-Dichloropropane	U		0.00138	0.00250	1	12/14/2024 09:43	WG2418055
Di-isopropyl ether	U		0.000410	0.00100	1	12/14/2024 09:43	WG2418055
Ethylbenzene	U		0.000737	0.00250	1	12/14/2024 09:43	WG2418055
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/14/2024 09:43	WG2418055
Isopropylbenzene	U		0.000425	0.00250	1	12/14/2024 09:43	WG2418055
p-Isopropyltoluene	U		0.00255	0.00500	1	12/14/2024 09:43	WG2418055
2-Butanone (MEK)	U		0.0635	0.100	1	12/14/2024 09:43	WG2418055
Methylene Chloride	U		0.00664	0.0250	1	12/14/2024 09:43	WG2418055
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/14/2024 09:43	WG2418055
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/14/2024 09:43	WG2418055
Naphthalene	U		0.00488	0.0125	1	12/14/2024 09:43	WG2418055
n-Propylbenzene	U		0.000950	0.00500	1	12/14/2024 09:43	WG2418055
Styrene	U		0.000229	0.0125	1	12/14/2024 09:43	WG2418055
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/14/2024 09:43	WG2418055
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/14/2024 09:43	WG2418055
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/14/2024 09:43	WG2418055
Tetrachloroethene	U		0.000896	0.00250	1	12/14/2024 09:43	WG2418055
Toluene	U		0.00130	0.00500	1	12/14/2024 09:43	WG2418055
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/14/2024 09:43	WG2418055
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/14/2024 09:43	WG2418055
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/14/2024 09:43	WG2418055

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/14/2024 09:43	WG2418055
Trichloroethene	U		0.000584	0.00100	1	12/14/2024 09:43	WG2418055
Trichlorofluoromethane	U		0.000827	0.00250	1	12/14/2024 09:43	WG2418055
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/14/2024 09:43	WG2418055
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/14/2024 09:43	WG2418055
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/14/2024 09:43	WG2418055
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/14/2024 09:43	WG2418055
Vinyl chloride	U		0.00116	0.00250	1	12/14/2024 09:43	WG2418055
Xylenes, Total	U		0.000880	0.00650	1	12/14/2024 09:43	WG2418055
(S) Toluene-d8	*109*			*75.0-131*		*12/14/2024 09:43*	WG2418055
(S) 4-Bromofluorobenzene	*82.3*			*67.0-138*		*12/14/2024 09:43*	WG2418055
(S) 1,2-Dichloroethane-d4	*86.9*			*70.0-130*		*12/14/2024 09:43*	WG2418055

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/14/2024 10:02	WG2418055
Acrylonitrile	U		0.00361	0.0125	1	12/14/2024 10:02	WG2418055
Benzene	U		0.000467	0.00100	1	12/14/2024 10:02	WG2418055
Bromobenzene	U		0.000900	0.0125	1	12/14/2024 10:02	WG2418055
Bromodichloromethane	U		0.000725	0.00250	1	12/14/2024 10:02	WG2418055
Bromoform	U		0.00117	0.0250	1	12/14/2024 10:02	WG2418055
Bromomethane	U		0.00197	0.0125	1	12/14/2024 10:02	WG2418055
n-Butylbenzene	U		0.00525	0.0125	1	12/14/2024 10:02	WG2418055
sec-Butylbenzene	U		0.00288	0.0125	1	12/14/2024 10:02	WG2418055
tert-Butylbenzene	U		0.00195	0.00500	1	12/14/2024 10:02	WG2418055
Carbon tetrachloride	U		0.000898	0.00500	1	12/14/2024 10:02	WG2418055
Chlorobenzene	U		0.000210	0.00250	1	12/14/2024 10:02	WG2418055
Chlorodibromomethane	U		0.000612	0.00250	1	12/14/2024 10:02	WG2418055
Chloroethane	U		0.00170	0.00500	1	12/14/2024 10:02	WG2418055
Chloroform	U		0.00103	0.00250	1	12/14/2024 10:02	WG2418055
Chloromethane	U		0.00435	0.0125	1	12/14/2024 10:02	WG2418055
2-Chlorotoluene	U		0.000865	0.00250	1	12/14/2024 10:02	WG2418055
4-Chlorotoluene	U		0.000450	0.00500	1	12/14/2024 10:02	WG2418055
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/14/2024 10:02	WG2418055
1,2-Dibromoethane	U		0.000648	0.00250	1	12/14/2024 10:02	WG2418055
Dibromomethane	U		0.000750	0.00500	1	12/14/2024 10:02	WG2418055
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/14/2024 10:02	WG2418055
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/14/2024 10:02	WG2418055
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/14/2024 10:02	WG2418055
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/14/2024 10:02	WG2418055
1,1-Dichloroethane	U		0.000491	0.00250	1	12/14/2024 10:02	WG2418055
1,2-Dichloroethane	U		0.000649	0.00250	1	12/14/2024 10:02	WG2418055
1,1-Dichloroethene	U		0.000606	0.00250	1	12/14/2024 10:02	WG2418055
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/14/2024 10:02	WG2418055
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/14/2024 10:02	WG2418055
1,2-Dichloropropane	U		0.00142	0.00500	1	12/14/2024 10:02	WG2418055
1,1-Dichloropropene	U		0.000809	0.00250	1	12/14/2024 10:02	WG2418055
1,3-Dichloropropane	U		0.000501	0.00500	1	12/14/2024 10:02	WG2418055
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/14/2024 10:02	WG2418055
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/14/2024 10:02	WG2418055
2,2-Dichloropropane	U		0.00138	0.00250	1	12/14/2024 10:02	WG2418055
Di-isopropyl ether	U		0.000410	0.00100	1	12/14/2024 10:02	WG2418055
Ethylbenzene	U		0.000737	0.00250	1	12/14/2024 10:02	WG2418055
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/14/2024 10:02	WG2418055
Isopropylbenzene	U		0.000425	0.00250	1	12/14/2024 10:02	WG2418055
p-Isopropyltoluene	U		0.00255	0.00500	1	12/14/2024 10:02	WG2418055
2-Butanone (MEK)	U		0.0635	0.100	1	12/14/2024 10:02	WG2418055
Methylene Chloride	U		0.00664	0.0250	1	12/14/2024 10:02	WG2418055
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/14/2024 10:02	WG2418055
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/14/2024 10:02	WG2418055
Naphthalene	U		0.00488	0.0125	1	12/14/2024 10:02	WG2418055
n-Propylbenzene	U		0.000950	0.00500	1	12/14/2024 10:02	WG2418055
Styrene	U		0.000229	0.0125	1	12/14/2024 10:02	WG2418055
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/14/2024 10:02	WG2418055
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/14/2024 10:02	WG2418055
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/14/2024 10:02	WG2418055
Tetrachloroethene	U		0.000896	0.00250	1	12/14/2024 10:02	WG2418055
Toluene	U		0.00130	0.00500	1	12/14/2024 10:02	WG2418055
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/14/2024 10:02	WG2418055
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/14/2024 10:02	WG2418055
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/14/2024 10:02	WG2418055

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/14/2024 10:02	WG2418055
Trichloroethene	U		0.000584	0.00100	1	12/14/2024 10:02	WG2418055
Trichlorofluoromethane	U		0.000827	0.00250	1	12/14/2024 10:02	WG2418055
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/14/2024 10:02	WG2418055
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/14/2024 10:02	WG2418055
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/14/2024 10:02	WG2418055
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/14/2024 10:02	WG2418055
Vinyl chloride	U		0.00116	0.00250	1	12/14/2024 10:02	WG2418055
Xylenes, Total	U		0.000880	0.00650	1	12/14/2024 10:02	WG2418055
(S) Toluene-d8	*108*			*75.0-131*		*12/14/2024 10:02*	WG2418055
(S) 4-Bromofluorobenzene	*82.1*			*67.0-138*		*12/14/2024 10:02*	WG2418055
(S) 1,2-Dichloroethane-d4	*86.8*			*70.0-130*		*12/14/2024 10:02*	WG2418055

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/14/2024 10:21	WG2418055
Acrylonitrile	U		0.00361	0.0125	1	12/14/2024 10:21	WG2418055
Benzene	U		0.000467	0.00100	1	12/14/2024 10:21	WG2418055
Bromobenzene	U		0.000900	0.0125	1	12/14/2024 10:21	WG2418055
Bromodichloromethane	U		0.000725	0.00250	1	12/14/2024 10:21	WG2418055
Bromoform	U		0.00117	0.0250	1	12/14/2024 10:21	WG2418055
Bromomethane	U		0.00197	0.0125	1	12/14/2024 10:21	WG2418055
n-Butylbenzene	U		0.00525	0.0125	1	12/14/2024 10:21	WG2418055
sec-Butylbenzene	U		0.00288	0.0125	1	12/14/2024 10:21	WG2418055
tert-Butylbenzene	U		0.00195	0.00500	1	12/14/2024 10:21	WG2418055
Carbon tetrachloride	U		0.000898	0.00500	1	12/14/2024 10:21	WG2418055
Chlorobenzene	U		0.000210	0.00250	1	12/14/2024 10:21	WG2418055
Chlorodibromomethane	U		0.000612	0.00250	1	12/14/2024 10:21	WG2418055
Chloroethane	U		0.00170	0.00500	1	12/14/2024 10:21	WG2418055
Chloroform	U		0.00103	0.00250	1	12/14/2024 10:21	WG2418055
Chloromethane	U		0.00435	0.0125	1	12/14/2024 10:21	WG2418055
2-Chlorotoluene	U		0.000865	0.00250	1	12/14/2024 10:21	WG2418055
4-Chlorotoluene	U		0.000450	0.00500	1	12/14/2024 10:21	WG2418055
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/14/2024 10:21	WG2418055
1,2-Dibromoethane	U		0.000648	0.00250	1	12/14/2024 10:21	WG2418055
Dibromomethane	U		0.000750	0.00500	1	12/14/2024 10:21	WG2418055
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/14/2024 10:21	WG2418055
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/14/2024 10:21	WG2418055
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/14/2024 10:21	WG2418055
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/14/2024 10:21	WG2418055
1,1-Dichloroethane	U		0.000491	0.00250	1	12/14/2024 10:21	WG2418055
1,2-Dichloroethane	U		0.000649	0.00250	1	12/14/2024 10:21	WG2418055
1,1-Dichloroethene	U		0.000606	0.00250	1	12/14/2024 10:21	WG2418055
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/14/2024 10:21	WG2418055
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/14/2024 10:21	WG2418055
1,2-Dichloropropane	U		0.00142	0.00500	1	12/14/2024 10:21	WG2418055
1,1-Dichloropropene	U		0.000809	0.00250	1	12/14/2024 10:21	WG2418055
1,3-Dichloropropane	U		0.000501	0.00500	1	12/14/2024 10:21	WG2418055
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/14/2024 10:21	WG2418055
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/14/2024 10:21	WG2418055
2,2-Dichloropropane	U		0.00138	0.00250	1	12/14/2024 10:21	WG2418055
Di-isopropyl ether	U		0.000410	0.00100	1	12/14/2024 10:21	WG2418055
Ethylbenzene	U		0.000737	0.00250	1	12/14/2024 10:21	WG2418055
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/14/2024 10:21	WG2418055
Isopropylbenzene	U		0.000425	0.00250	1	12/14/2024 10:21	WG2418055
p-Isopropyltoluene	U		0.00255	0.00500	1	12/14/2024 10:21	WG2418055
2-Butanone (MEK)	U		0.0635	0.100	1	12/14/2024 10:21	WG2418055
Methylene Chloride	U		0.00664	0.0250	1	12/14/2024 10:21	WG2418055
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/14/2024 10:21	WG2418055
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/14/2024 10:21	WG2418055
Naphthalene	U		0.00488	0.0125	1	12/14/2024 10:21	WG2418055
n-Propylbenzene	U		0.000950	0.00500	1	12/14/2024 10:21	WG2418055
Styrene	U		0.000229	0.0125	1	12/14/2024 10:21	WG2418055
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/14/2024 10:21	WG2418055
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/14/2024 10:21	WG2418055
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/14/2024 10:21	WG2418055
Tetrachloroethene	U		0.000896	0.00250	1	12/14/2024 10:21	WG2418055
Toluene	U		0.00130	0.00500	1	12/14/2024 10:21	WG2418055
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/14/2024 10:21	WG2418055
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/14/2024 10:21	WG2418055
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/14/2024 10:21	WG2418055

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/14/2024 10:21	WG2418055
Trichloroethene	U		0.000584	0.00100	1	12/14/2024 10:21	WG2418055
Trichlorofluoromethane	U		0.000827	0.00250	1	12/14/2024 10:21	WG2418055
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/14/2024 10:21	WG2418055
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/14/2024 10:21	WG2418055
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/14/2024 10:21	WG2418055
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/14/2024 10:21	WG2418055
Vinyl chloride	U		0.00116	0.00250	1	12/14/2024 10:21	WG2418055
Xylenes, Total	U		0.000880	0.00650	1	12/14/2024 10:21	WG2418055
(S) Toluene-d8	*108*			*75.0-131*		*12/14/2024 10:21*	WG2418055
(S) 4-Bromofluorobenzene	*83.4*			*67.0-138*		*12/14/2024 10:21*	WG2418055
(S) 1,2-Dichloroethane-d4	*85.8*			*70.0-130*		*12/14/2024 10:21*	WG2418055

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/14/2024 10:41	WG2418055
Acrylonitrile	U		0.00361	0.0125	1	12/14/2024 10:41	WG2418055
Benzene	U		0.000467	0.00100	1	12/14/2024 10:41	WG2418055
Bromobenzene	U		0.000900	0.0125	1	12/14/2024 10:41	WG2418055
Bromodichloromethane	U		0.000725	0.00250	1	12/14/2024 10:41	WG2418055
Bromoform	U		0.00117	0.0250	1	12/14/2024 10:41	WG2418055
Bromomethane	U		0.00197	0.0125	1	12/14/2024 10:41	WG2418055
n-Butylbenzene	U		0.00525	0.0125	1	12/14/2024 10:41	WG2418055
sec-Butylbenzene	U		0.00288	0.0125	1	12/14/2024 10:41	WG2418055
tert-Butylbenzene	U		0.00195	0.00500	1	12/14/2024 10:41	WG2418055
Carbon tetrachloride	U		0.000898	0.00500	1	12/14/2024 10:41	WG2418055
Chlorobenzene	U		0.000210	0.00250	1	12/14/2024 10:41	WG2418055
Chlorodibromomethane	U		0.000612	0.00250	1	12/14/2024 10:41	WG2418055
Chloroethane	U		0.00170	0.00500	1	12/14/2024 10:41	WG2418055
Chloroform	U		0.00103	0.00250	1	12/14/2024 10:41	WG2418055
Chloromethane	U		0.00435	0.0125	1	12/14/2024 10:41	WG2418055
2-Chlorotoluene	U		0.000865	0.00250	1	12/14/2024 10:41	WG2418055
4-Chlorotoluene	U		0.000450	0.00500	1	12/14/2024 10:41	WG2418055
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/14/2024 10:41	WG2418055
1,2-Dibromoethane	U		0.000648	0.00250	1	12/14/2024 10:41	WG2418055
Dibromomethane	U		0.000750	0.00500	1	12/14/2024 10:41	WG2418055
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/14/2024 10:41	WG2418055
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/14/2024 10:41	WG2418055
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/14/2024 10:41	WG2418055
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/14/2024 10:41	WG2418055
1,1-Dichloroethane	U		0.000491	0.00250	1	12/14/2024 10:41	WG2418055
1,2-Dichloroethane	U		0.000649	0.00250	1	12/14/2024 10:41	WG2418055
1,1-Dichloroethene	U		0.000606	0.00250	1	12/14/2024 10:41	WG2418055
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/14/2024 10:41	WG2418055
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/14/2024 10:41	WG2418055
1,2-Dichloropropane	U		0.00142	0.00500	1	12/14/2024 10:41	WG2418055
1,1-Dichloropropene	U		0.000809	0.00250	1	12/14/2024 10:41	WG2418055
1,3-Dichloropropane	U		0.000501	0.00500	1	12/14/2024 10:41	WG2418055
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/14/2024 10:41	WG2418055
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/14/2024 10:41	WG2418055
2,2-Dichloropropane	U		0.00138	0.00250	1	12/14/2024 10:41	WG2418055
Di-isopropyl ether	U		0.000410	0.00100	1	12/14/2024 10:41	WG2418055
Ethylbenzene	U		0.000737	0.00250	1	12/14/2024 10:41	WG2418055
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/14/2024 10:41	WG2418055
Isopropylbenzene	U		0.000425	0.00250	1	12/14/2024 10:41	WG2418055
p-Isopropyltoluene	U		0.00255	0.00500	1	12/14/2024 10:41	WG2418055
2-Butanone (MEK)	U		0.0635	0.100	1	12/14/2024 10:41	WG2418055
Methylene Chloride	U		0.00664	0.0250	1	12/14/2024 10:41	WG2418055
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/14/2024 10:41	WG2418055
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/14/2024 10:41	WG2418055
Naphthalene	U		0.00488	0.0125	1	12/14/2024 10:41	WG2418055
n-Propylbenzene	U		0.000950	0.00500	1	12/14/2024 10:41	WG2418055
Styrene	U		0.000229	0.0125	1	12/14/2024 10:41	WG2418055
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/14/2024 10:41	WG2418055
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/14/2024 10:41	WG2418055
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/14/2024 10:41	WG2418055
Tetrachloroethene	U		0.000896	0.00250	1	12/14/2024 10:41	WG2418055
Toluene	U		0.00130	0.00500	1	12/14/2024 10:41	WG2418055
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/14/2024 10:41	WG2418055
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/14/2024 10:41	WG2418055
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/14/2024 10:41	WG2418055

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/14/2024 10:41	WG2418055
Trichloroethene	U		0.000584	0.00100	1	12/14/2024 10:41	WG2418055
Trichlorofluoromethane	U		0.000827	0.00250	1	12/14/2024 10:41	WG2418055
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/14/2024 10:41	WG2418055
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/14/2024 10:41	WG2418055
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/14/2024 10:41	WG2418055
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/14/2024 10:41	WG2418055
Vinyl chloride	U		0.00116	0.00250	1	12/14/2024 10:41	WG2418055
Xylenes, Total	U		0.000880	0.00650	1	12/14/2024 10:41	WG2418055
(S) Toluene-d8	*107*			*75.0-131*		*12/14/2024 10:41*	WG2418055
(S) 4-Bromofluorobenzene	*81.4*			*67.0-138*		*12/14/2024 10:41*	WG2418055
(S) 1,2-Dichloroethane-d4	*90.7*			*70.0-130*		*12/14/2024 10:41*	WG2418055

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/14/2024 11:00	WG2418055
Acrylonitrile	U		0.00361	0.0125	1	12/14/2024 11:00	WG2418055
Benzene	U		0.000467	0.00100	1	12/14/2024 11:00	WG2418055
Bromobenzene	U		0.000900	0.0125	1	12/14/2024 11:00	WG2418055
Bromodichloromethane	U		0.000725	0.00250	1	12/14/2024 11:00	WG2418055
Bromoform	U		0.00117	0.0250	1	12/14/2024 11:00	WG2418055
Bromomethane	U		0.00197	0.0125	1	12/14/2024 11:00	WG2418055
n-Butylbenzene	U		0.00525	0.0125	1	12/14/2024 11:00	WG2418055
sec-Butylbenzene	U		0.00288	0.0125	1	12/14/2024 11:00	WG2418055
tert-Butylbenzene	U		0.00195	0.00500	1	12/14/2024 11:00	WG2418055
Carbon tetrachloride	U		0.000898	0.00500	1	12/14/2024 11:00	WG2418055
Chlorobenzene	U		0.000210	0.00250	1	12/14/2024 11:00	WG2418055
Chlorodibromomethane	U		0.000612	0.00250	1	12/14/2024 11:00	WG2418055
Chloroethane	U		0.00170	0.00500	1	12/14/2024 11:00	WG2418055
Chloroform	U		0.00103	0.00250	1	12/14/2024 11:00	WG2418055
Chloromethane	U		0.00435	0.0125	1	12/14/2024 11:00	WG2418055
2-Chlorotoluene	U		0.000865	0.00250	1	12/14/2024 11:00	WG2418055
4-Chlorotoluene	U		0.000450	0.00500	1	12/14/2024 11:00	WG2418055
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/14/2024 11:00	WG2418055
1,2-Dibromoethane	U		0.000648	0.00250	1	12/14/2024 11:00	WG2418055
Dibromomethane	U		0.000750	0.00500	1	12/14/2024 11:00	WG2418055
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/14/2024 11:00	WG2418055
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/14/2024 11:00	WG2418055
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/14/2024 11:00	WG2418055
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/14/2024 11:00	WG2418055
1,1-Dichloroethane	U		0.000491	0.00250	1	12/14/2024 11:00	WG2418055
1,2-Dichloroethane	U		0.000649	0.00250	1	12/14/2024 11:00	WG2418055
1,1-Dichloroethene	U		0.000606	0.00250	1	12/14/2024 11:00	WG2418055
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/14/2024 11:00	WG2418055
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/14/2024 11:00	WG2418055
1,2-Dichloropropane	U		0.00142	0.00500	1	12/14/2024 11:00	WG2418055
1,1-Dichloropropene	U		0.000809	0.00250	1	12/14/2024 11:00	WG2418055
1,3-Dichloropropane	U		0.000501	0.00500	1	12/14/2024 11:00	WG2418055
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/14/2024 11:00	WG2418055
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/14/2024 11:00	WG2418055
2,2-Dichloropropane	U		0.00138	0.00250	1	12/14/2024 11:00	WG2418055
Di-isopropyl ether	U		0.000410	0.00100	1	12/14/2024 11:00	WG2418055
Ethylbenzene	U		0.000737	0.00250	1	12/14/2024 11:00	WG2418055
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/14/2024 11:00	WG2418055
Isopropylbenzene	U		0.000425	0.00250	1	12/14/2024 11:00	WG2418055
p-Isopropyltoluene	U		0.00255	0.00500	1	12/14/2024 11:00	WG2418055
2-Butanone (MEK)	U		0.0635	0.100	1	12/14/2024 11:00	WG2418055
Methylene Chloride	U		0.00664	0.0250	1	12/14/2024 11:00	WG2418055
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/14/2024 11:00	WG2418055
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/14/2024 11:00	WG2418055
Naphthalene	U		0.00488	0.0125	1	12/14/2024 11:00	WG2418055
n-Propylbenzene	U		0.000950	0.00500	1	12/14/2024 11:00	WG2418055
Styrene	U		0.000229	0.0125	1	12/14/2024 11:00	WG2418055
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/14/2024 11:00	WG2418055
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/14/2024 11:00	WG2418055
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/14/2024 11:00	WG2418055
Tetrachloroethene	U		0.000896	0.00250	1	12/14/2024 11:00	WG2418055
Toluene	U		0.00130	0.00500	1	12/14/2024 11:00	WG2418055
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/14/2024 11:00	WG2418055
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/14/2024 11:00	WG2418055
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/14/2024 11:00	WG2418055

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/14/2024 11:00	WG2418055
Trichloroethene	U		0.000584	0.00100	1	12/14/2024 11:00	WG2418055
Trichlorofluoromethane	U		0.000827	0.00250	1	12/14/2024 11:00	WG2418055
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/14/2024 11:00	WG2418055
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/14/2024 11:00	WG2418055
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/14/2024 11:00	WG2418055
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/14/2024 11:00	WG2418055
Vinyl chloride	U		0.00116	0.00250	1	12/14/2024 11:00	WG2418055
Xylenes, Total	U		0.000880	0.00650	1	12/14/2024 11:00	WG2418055
(S) Toluene-d8	*108*			*75.0-131*		*12/14/2024 11:00*	WG2418055
(S) 4-Bromofluorobenzene	*81.3*			*67.0-138*		*12/14/2024 11:00*	WG2418055
(S) 1,2-Dichloroethane-d4	*88.7*			*70.0-130*		*12/14/2024 11:00*	WG2418055

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/14/2024 11:20	WG2418055
Acrylonitrile	U		0.00361	0.0125	1	12/14/2024 11:20	WG2418055
Benzene	U		0.000467	0.00100	1	12/14/2024 11:20	WG2418055
Bromobenzene	U		0.000900	0.0125	1	12/14/2024 11:20	WG2418055
Bromodichloromethane	U		0.000725	0.00250	1	12/14/2024 11:20	WG2418055
Bromoform	U		0.00117	0.0250	1	12/14/2024 11:20	WG2418055
Bromomethane	U		0.00197	0.0125	1	12/14/2024 11:20	WG2418055
n-Butylbenzene	U		0.00525	0.0125	1	12/14/2024 11:20	WG2418055
sec-Butylbenzene	U		0.00288	0.0125	1	12/14/2024 11:20	WG2418055
tert-Butylbenzene	U		0.00195	0.00500	1	12/14/2024 11:20	WG2418055
Carbon tetrachloride	U		0.000898	0.00500	1	12/14/2024 11:20	WG2418055
Chlorobenzene	U		0.000210	0.00250	1	12/14/2024 11:20	WG2418055
Chlorodibromomethane	U		0.000612	0.00250	1	12/14/2024 11:20	WG2418055
Chloroethane	U		0.00170	0.00500	1	12/14/2024 11:20	WG2418055
Chloroform	U		0.00103	0.00250	1	12/14/2024 11:20	WG2418055
Chloromethane	U		0.00435	0.0125	1	12/14/2024 11:20	WG2418055
2-Chlorotoluene	U		0.000865	0.00250	1	12/14/2024 11:20	WG2418055
4-Chlorotoluene	U		0.000450	0.00500	1	12/14/2024 11:20	WG2418055
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/14/2024 11:20	WG2418055
1,2-Dibromoethane	U		0.000648	0.00250	1	12/14/2024 11:20	WG2418055
Dibromomethane	U		0.000750	0.00500	1	12/14/2024 11:20	WG2418055
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/14/2024 11:20	WG2418055
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/14/2024 11:20	WG2418055
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/14/2024 11:20	WG2418055
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/14/2024 11:20	WG2418055
1,1-Dichloroethane	U		0.000491	0.00250	1	12/14/2024 11:20	WG2418055
1,2-Dichloroethane	U		0.000649	0.00250	1	12/14/2024 11:20	WG2418055
1,1-Dichloroethene	U		0.000606	0.00250	1	12/14/2024 11:20	WG2418055
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/14/2024 11:20	WG2418055
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/14/2024 11:20	WG2418055
1,2-Dichloropropane	U		0.00142	0.00500	1	12/14/2024 11:20	WG2418055
1,1-Dichloropropene	U		0.000809	0.00250	1	12/14/2024 11:20	WG2418055
1,3-Dichloropropane	U		0.000501	0.00500	1	12/14/2024 11:20	WG2418055
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/14/2024 11:20	WG2418055
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/14/2024 11:20	WG2418055
2,2-Dichloropropane	U		0.00138	0.00250	1	12/14/2024 11:20	WG2418055
Di-isopropyl ether	U		0.000410	0.00100	1	12/14/2024 11:20	WG2418055
Ethylbenzene	U		0.000737	0.00250	1	12/14/2024 11:20	WG2418055
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/14/2024 11:20	WG2418055
Isopropylbenzene	U		0.000425	0.00250	1	12/14/2024 11:20	WG2418055
p-Isopropyltoluene	U		0.00255	0.00500	1	12/14/2024 11:20	WG2418055
2-Butanone (MEK)	U		0.0635	0.100	1	12/14/2024 11:20	WG2418055
Methylene Chloride	U		0.00664	0.0250	1	12/14/2024 11:20	WG2418055
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/14/2024 11:20	WG2418055
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/14/2024 11:20	WG2418055
Naphthalene	U		0.00488	0.0125	1	12/14/2024 11:20	WG2418055
n-Propylbenzene	U		0.000950	0.00500	1	12/14/2024 11:20	WG2418055
Styrene	U		0.000229	0.0125	1	12/14/2024 11:20	WG2418055
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/14/2024 11:20	WG2418055
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/14/2024 11:20	WG2418055
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/14/2024 11:20	WG2418055
Tetrachloroethene	U		0.000896	0.00250	1	12/14/2024 11:20	WG2418055
Toluene	U		0.00130	0.00500	1	12/14/2024 11:20	WG2418055
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/14/2024 11:20	WG2418055
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/14/2024 11:20	WG2418055
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/14/2024 11:20	WG2418055

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/14/2024 11:20	WG2418055
Trichloroethene	U		0.000584	0.00100	1	12/14/2024 11:20	WG2418055
Trichlorofluoromethane	U		0.000827	0.00250	1	12/14/2024 11:20	WG2418055
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/14/2024 11:20	WG2418055
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/14/2024 11:20	WG2418055
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/14/2024 11:20	WG2418055
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/14/2024 11:20	WG2418055
Vinyl chloride	U		0.00116	0.00250	1	12/14/2024 11:20	WG2418055
Xylenes, Total	U		0.000880	0.00650	1	12/14/2024 11:20	WG2418055
(S) Toluene-d8	*108*			*75.0-131*		*12/14/2024 11:20*	WG2418055
(S) 4-Bromofluorobenzene	*80.5*			*67.0-138*		*12/14/2024 11:20*	WG2418055
(S) 1,2-Dichloroethane-d4	*89.6*			*70.0-130*		*12/14/2024 11:20*	WG2418055

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/14/2024 11:39	WG2418055
Acrylonitrile	U		0.00361	0.0125	1	12/14/2024 11:39	WG2418055
Benzene	U		0.000467	0.00100	1	12/14/2024 11:39	WG2418055
Bromobenzene	U		0.000900	0.0125	1	12/14/2024 11:39	WG2418055
Bromodichloromethane	U		0.000725	0.00250	1	12/14/2024 11:39	WG2418055
Bromoform	U		0.00117	0.0250	1	12/14/2024 11:39	WG2418055
Bromomethane	U		0.00197	0.0125	1	12/14/2024 11:39	WG2418055
n-Butylbenzene	U		0.00525	0.0125	1	12/14/2024 11:39	WG2418055
sec-Butylbenzene	U		0.00288	0.0125	1	12/14/2024 11:39	WG2418055
tert-Butylbenzene	U		0.00195	0.00500	1	12/14/2024 11:39	WG2418055
Carbon tetrachloride	U		0.000898	0.00500	1	12/14/2024 11:39	WG2418055
Chlorobenzene	U		0.000210	0.00250	1	12/14/2024 11:39	WG2418055
Chlorodibromomethane	U		0.000612	0.00250	1	12/14/2024 11:39	WG2418055
Chloroethane	U		0.00170	0.00500	1	12/14/2024 11:39	WG2418055
Chloroform	U		0.00103	0.00250	1	12/14/2024 11:39	WG2418055
Chloromethane	U		0.00435	0.0125	1	12/14/2024 11:39	WG2418055
2-Chlorotoluene	U		0.000865	0.00250	1	12/14/2024 11:39	WG2418055
4-Chlorotoluene	U		0.000450	0.00500	1	12/14/2024 11:39	WG2418055
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/14/2024 11:39	WG2418055
1,2-Dibromoethane	U		0.000648	0.00250	1	12/14/2024 11:39	WG2418055
Dibromomethane	U		0.000750	0.00500	1	12/14/2024 11:39	WG2418055
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/14/2024 11:39	WG2418055
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/14/2024 11:39	WG2418055
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/14/2024 11:39	WG2418055
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/14/2024 11:39	WG2418055
1,1-Dichloroethane	U		0.000491	0.00250	1	12/14/2024 11:39	WG2418055
1,2-Dichloroethane	U		0.000649	0.00250	1	12/14/2024 11:39	WG2418055
1,1-Dichloroethene	U		0.000606	0.00250	1	12/14/2024 11:39	WG2418055
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/14/2024 11:39	WG2418055
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/14/2024 11:39	WG2418055
1,2-Dichloropropane	U		0.00142	0.00500	1	12/14/2024 11:39	WG2418055
1,1-Dichloropropene	U		0.000809	0.00250	1	12/14/2024 11:39	WG2418055
1,3-Dichloropropane	U		0.000501	0.00500	1	12/14/2024 11:39	WG2418055
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/14/2024 11:39	WG2418055
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/14/2024 11:39	WG2418055
2,2-Dichloropropane	U		0.00138	0.00250	1	12/14/2024 11:39	WG2418055
Di-isopropyl ether	U		0.000410	0.00100	1	12/14/2024 11:39	WG2418055
Ethylbenzene	U		0.000737	0.00250	1	12/14/2024 11:39	WG2418055
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	12/14/2024 11:39	WG2418055
Isopropylbenzene	U		0.000425	0.00250	1	12/14/2024 11:39	WG2418055
p-Isopropyltoluene	U		0.00255	0.00500	1	12/14/2024 11:39	WG2418055
2-Butanone (MEK)	U		0.0635	0.100	1	12/14/2024 11:39	WG2418055
Methylene Chloride	U		0.00664	0.0250	1	12/14/2024 11:39	WG2418055
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/14/2024 11:39	WG2418055
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/14/2024 11:39	WG2418055
Naphthalene	U		0.00488	0.0125	1	12/14/2024 11:39	WG2418055
n-Propylbenzene	U		0.000950	0.00500	1	12/14/2024 11:39	WG2418055
Styrene	U		0.000229	0.0125	1	12/14/2024 11:39	WG2418055
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/14/2024 11:39	WG2418055
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/14/2024 11:39	WG2418055
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/14/2024 11:39	WG2418055
Tetrachloroethene	U		0.000896	0.00250	1	12/14/2024 11:39	WG2418055
Toluene	U		0.00130	0.00500	1	12/14/2024 11:39	WG2418055
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/14/2024 11:39	WG2418055
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/14/2024 11:39	WG2418055
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/14/2024 11:39	WG2418055

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/14/2024 11:39	WG2418055
Trichloroethene	U		0.000584	0.00100	1	12/14/2024 11:39	WG2418055
Trichlorofluoromethane	U		0.000827	0.00250	1	12/14/2024 11:39	WG2418055
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/14/2024 11:39	WG2418055
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/14/2024 11:39	WG2418055
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/14/2024 11:39	WG2418055
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/14/2024 11:39	WG2418055
Vinyl chloride	U		0.00116	0.00250	1	12/14/2024 11:39	WG2418055
Xylenes, Total	U		0.000880	0.00650	1	12/14/2024 11:39	WG2418055
(S) Toluene-d8	*109*			*75.0-131*		*12/14/2024 11:39*	WG2418055
(S) 4-Bromofluorobenzene	*81.1*			*67.0-138*		*12/14/2024 11:39*	WG2418055
(S) 1,2-Dichloroethane-d4	*92.0*			*70.0-130*		*12/14/2024 11:39*	WG2418055

Method Blank (MB)

(MB) R4157463-2 12/12/24 09:10

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4157463-2 12/12/24 09:10

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,2,3-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*102*			*75.0-131*
(S) 4-Bromofluorobenzene	*93.1*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*90.7*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4157463-1 12/12/24 07:53

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.625	0.730	117	10.0-160	
Acrylonitrile	0.625	0.703	112	45.0-153	
Benzene	0.125	0.117	93.6	70.0-123	
Bromobenzene	0.125	0.129	103	73.0-121	
Bromodichloromethane	0.125	0.114	91.2	73.0-121	

Laboratory Control Sample (LCS)

(LCS) R4157463-1 12/12/24 07:53

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromoform	0.125	0.125	100	64.0-132	
Bromomethane	0.125	0.0864	69.1	56.0-147	
n-Butylbenzene	0.125	0.0995	79.6	68.0-135	
sec-Butylbenzene	0.125	0.114	91.2	74.0-130	
tert-Butylbenzene	0.125	0.134	107	75.0-127	
Carbon tetrachloride	0.125	0.101	80.8	66.0-128	
Chlorobenzene	0.125	0.113	90.4	76.0-128	
Chlorodibromomethane	0.125	0.117	93.6	74.0-127	
Chloroethane	0.125	0.0955	76.4	61.0-134	
Chloroform	0.125	0.107	85.6	72.0-123	
Chloromethane	0.125	0.123	98.4	51.0-138	
2-Chlorotoluene	0.125	0.115	92.0	75.0-124	
4-Chlorotoluene	0.125	0.116	92.8	75.0-124	
1,2-Dibromo-3-Chloropropane	0.125	0.114	91.2	59.0-130	
1,2-Dibromoethane	0.125	0.126	101	74.0-128	
Dibromomethane	0.125	0.114	91.2	75.0-122	
1,2-Dichlorobenzene	0.125	0.110	88.0	76.0-124	
1,3-Dichlorobenzene	0.125	0.115	92.0	76.0-125	
1,4-Dichlorobenzene	0.125	0.108	86.4	77.0-121	
Dichlorodifluoromethane	0.125	0.107	85.6	43.0-156	
1,1-Dichloroethane	0.125	0.123	98.4	70.0-127	
1,2-Dichloroethane	0.125	0.101	80.8	65.0-131	
1,1-Dichloroethene	0.125	0.104	83.2	65.0-131	
cis-1,2-Dichloroethene	0.125	0.110	88.0	73.0-125	
trans-1,2-Dichloroethene	0.125	0.113	90.4	71.0-125	
1,2-Dichloropropane	0.125	0.123	98.4	74.0-125	
1,1-Dichloropropene	0.125	0.124	99.2	73.0-125	
1,3-Dichloropropane	0.125	0.122	97.6	80.0-125	
cis-1,3-Dichloropropene	0.125	0.110	88.0	76.0-127	
trans-1,3-Dichloropropene	0.125	0.114	91.2	73.0-127	
2,2-Dichloropropane	0.125	0.0945	75.6	59.0-135	
Di-isopropyl ether	0.125	0.123	98.4	60.0-136	
Ethylbenzene	0.125	0.116	92.8	74.0-126	
Hexachloro-1,3-butadiene	0.125	0.0812	65.0	57.0-150	
Isopropylbenzene	0.125	0.0964	77.1	72.0-127	
p-Isopropyltoluene	0.125	0.104	83.2	72.0-133	
2-Butanone (MEK)	0.625	0.680	109	30.0-160	
Methylene Chloride	0.125	0.118	94.4	68.0-123	
4-Methyl-2-pentanone (MIBK)	0.625	0.684	109	56.0-143	
Methyl tert-butyl ether	0.125	0.114	91.2	66.0-132	

Laboratory Control Sample (LCS)

(LCS) R4157463-1 12/12/24 07:53

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Naphthalene	0.125	0.0995	79.6	59.0-130	
n-Propylbenzene	0.125	0.121	96.8	74.0-126	
Styrene	0.125	0.112	89.6	72.0-127	
1,1,1,2-Tetrachloroethane	0.125	0.112	89.6	74.0-129	
1,1,2,2-Tetrachloroethane	0.125	0.128	102	68.0-128	
1,1,2-Trichlorotrifluoroethane	0.125	0.0989	79.1	61.0-139	
Tetrachloroethene	0.125	0.120	96.0	70.0-136	
Toluene	0.125	0.115	92.0	75.0-121	
1,2,3-Trichlorobenzene	0.125	0.0897	71.8	59.0-139	
1,2,4-Trichlorobenzene	0.125	0.0816	65.3	62.0-137	
1,1,1-Trichloroethane	0.125	0.0985	78.8	69.0-126	
1,1,2-Trichloroethane	0.125	0.121	96.8	78.0-123	
Trichloroethene	0.125	0.114	91.2	76.0-126	
Trichlorofluoromethane	0.125	0.0918	73.4	61.0-142	
1,2,3-Trichloropropane	0.125	0.129	103	67.0-129	
1,2,4-Trimethylbenzene	0.125	0.112	89.6	70.0-126	
1,2,3-Trimethylbenzene	0.125	0.109	87.2	74.0-124	
1,3,5-Trimethylbenzene	0.125	0.115	92.0	73.0-127	
Vinyl chloride	0.125	0.104	83.2	63.0-134	
Xylenes, Total	0.375	0.339	90.4	72.0-127	
(S) Toluene-d8			*104*	*75.0-131*	
(S) 4-Bromofluorobenzene			*92.1*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*92.9*	*70.0-130*	

Method Blank (MB)

(MB) R4157874-3 12/13/24 20:26

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4157874-3 12/13/24 20:26

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,2,3-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*106*			*75.0-131*
(S) 4-Bromofluorobenzene	*80.0*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*99.1*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4157874-1 12/13/24 18:27 • (LCSD) R4157874-2 12/13/24 19:26

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.543	0.553	86.9	88.5	10.0-160			1.82	31
Acrylonitrile	0.625	0.494	0.482	79.0	77.1	45.0-153			2.46	22
Benzene	0.125	0.131	0.127	105	102	70.0-123			3.10	20
Bromobenzene	0.125	0.125	0.129	100	103	73.0-121			3.15	20
Bromodichloromethane	0.125	0.136	0.130	109	104	73.0-121			4.51	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4157874-1 12/13/24 18:27 • (LCSD) R4157874-2 12/13/24 19:26

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	0.125	0.152	0.154	122	123	64.0-132			1.31	20
Bromomethane	0.125	0.155	0.152	124	122	56.0-147			1.95	20
n-Butylbenzene	0.125	0.114	0.115	91.2	92.0	68.0-135			0.873	20
sec-Butylbenzene	0.125	0.116	0.117	92.8	93.6	74.0-130			0.858	20
tert-Butylbenzene	0.125	0.113	0.112	90.4	89.6	75.0-127			0.889	20
Carbon tetrachloride	0.125	0.150	0.148	120	118	66.0-128			1.34	20
Chlorobenzene	0.125	0.124	0.126	99.2	101	76.0-128			1.60	20
Chlorodibromomethane	0.125	0.138	0.141	110	113	74.0-127			2.15	20
Chloroethane	0.125	0.132	0.127	106	102	61.0-134			3.86	20
Chloroform	0.125	0.138	0.131	110	105	72.0-123			5.20	20
Chloromethane	0.125	0.103	0.0965	82.4	77.2	51.0-138			6.52	20
2-Chlorotoluene	0.125	0.131	0.127	105	102	75.0-124			3.10	20
4-Chlorotoluene	0.125	0.121	0.114	96.8	91.2	75.0-124			5.96	20
1,2-Dibromo-3-Chloropropane	0.125	0.136	0.126	109	101	59.0-130			7.63	20
1,2-Dibromoethane	0.125	0.122	0.126	97.6	101	74.0-128			3.23	20
Dibromomethane	0.125	0.134	0.130	107	104	75.0-122			3.03	20
1,2-Dichlorobenzene	0.125	0.122	0.120	97.6	96.0	76.0-124			1.65	20
1,3-Dichlorobenzene	0.125	0.129	0.129	103	103	76.0-125			0.000	20
1,4-Dichlorobenzene	0.125	0.122	0.121	97.6	96.8	77.0-121			0.823	20
Dichlorodifluoromethane	0.125	0.114	0.109	91.2	87.2	43.0-156			4.48	20
1,1-Dichloroethane	0.125	0.113	0.110	90.4	88.0	70.0-127			2.69	20
1,2-Dichloroethane	0.125	0.120	0.118	96.0	94.4	65.0-131			1.68	20
1,1-Dichloroethene	0.125	0.123	0.114	98.4	91.2	65.0-131			7.59	20
cis-1,2-Dichloroethene	0.125	0.127	0.118	102	94.4	73.0-125			7.35	20
trans-1,2-Dichloroethene	0.125	0.125	0.117	100	93.6	71.0-125			6.61	20
1,2-Dichloropropane	0.125	0.111	0.112	88.8	89.6	74.0-125			0.897	20
1,1-Dichloropropene	0.125	0.141	0.136	113	109	73.0-125			3.61	20
1,3-Dichloropropane	0.125	0.128	0.136	102	109	80.0-125			6.06	20
cis-1,3-Dichloropropene	0.125	0.139	0.143	111	114	76.0-127			2.84	20
trans-1,3-Dichloropropene	0.125	0.146	0.155	117	124	73.0-127			5.98	20
2,2-Dichloropropane	0.125	0.164	0.170	131	136	59.0-135		J4	3.59	20
Di-isopropyl ether	0.125	0.0978	0.101	78.2	80.8	60.0-136			3.22	20
Ethylbenzene	0.125	0.119	0.113	95.2	90.4	74.0-126			5.17	20
Hexachloro-1,3-butadiene	0.125	0.116	0.122	92.8	97.6	57.0-150			5.04	20
Isopropylbenzene	0.125	0.108	0.109	86.4	87.2	72.0-127			0.922	20
p-Isopropyltoluene	0.125	0.112	0.113	89.6	90.4	72.0-133			0.889	20
2-Butanone (MEK)	0.625	0.632	0.657	101	105	30.0-160			3.88	24
Methylene Chloride	0.125	0.125	0.119	100	95.2	68.0-123			4.92	20
4-Methyl-2-pentanone (MIBK)	0.625	0.562	0.581	89.9	93.0	56.0-143			3.32	20
Methyl tert-butyl ether	0.125	0.130	0.128	104	102	66.0-132			1.55	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4157874-1 12/13/24 18:27 • (LCSD) R4157874-2 12/13/24 19:26

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.125	0.0902	0.0869	72.2	69.5	59.0-130			3.73	20
n-Propylbenzene	0.125	0.118	0.119	94.4	95.2	74.0-126			0.844	20
Styrene	0.125	0.102	0.105	81.6	84.0	72.0-127			2.90	20
1,1,1,2-Tetrachloroethane	0.125	0.128	0.135	102	108	74.0-129			5.32	20
1,1,2,2-Tetrachloroethane	0.125	0.124	0.126	99.2	101	68.0-128			1.60	20
1,1,2-Trichlorotrifluoroethane	0.125	0.150	0.147	120	118	61.0-139			2.02	20
Tetrachloroethene	0.125	0.129	0.134	103	107	70.0-136			3.80	20
Toluene	0.125	0.128	0.134	102	107	75.0-121			4.58	20
1,2,3-Trichlorobenzene	0.125	0.0997	0.107	79.8	85.6	59.0-139			7.06	20
1,2,4-Trichlorobenzene	0.125	0.102	0.107	81.6	85.6	62.0-137			4.78	20
1,1,1-Trichloroethane	0.125	0.131	0.127	105	102	69.0-126			3.10	20
1,1,2-Trichloroethane	0.125	0.127	0.128	102	102	78.0-123			0.784	20
Trichloroethene	0.125	0.143	0.137	114	110	76.0-126			4.29	20
Trichlorofluoromethane	0.125	0.144	0.138	115	110	61.0-142			4.26	20
1,2,3-Trichloropropane	0.125	0.129	0.136	103	109	67.0-129			5.28	20
1,2,4-Trimethylbenzene	0.125	0.109	0.109	87.2	87.2	70.0-126			0.000	20
1,2,3-Trimethylbenzene	0.125	0.110	0.109	88.0	87.2	74.0-124			0.913	20
1,3,5-Trimethylbenzene	0.125	0.117	0.117	93.6	93.6	73.0-127			0.000	20
Vinyl chloride	0.125	0.104	0.0999	83.2	79.9	63.0-134			4.02	20
Xylenes, Total	0.375	0.336	0.329	89.6	87.7	72.0-127			2.11	20
(S) Toluene-d8				*103*	*106*	*75.0-131*				
(S) 4-Bromofluorobenzene				*84.5*	*83.3*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*105*	*103*	*70.0-130*				

Method Blank (MB)

(MB) R4158339-3 12/14/24 07:14

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4158339-3 12/14/24 07:14

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,2,3-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*109*			*75.0-131*
(S) 4-Bromofluorobenzene	*82.9*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*87.5*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4158339-1 12/14/24 05:36 • (LCSD) R4158339-2 12/14/24 05:55

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.297	0.266	47.5	42.6	10.0-160			11.0	31
Acrylonitrile	0.625	0.483	0.419	77.3	67.0	45.0-153			14.2	22
Benzene	0.125	0.131	0.124	105	99.2	70.0-123			5.49	20
Bromobenzene	0.125	0.129	0.132	103	106	73.0-121			2.30	20
Bromodichloromethane	0.125	0.125	0.121	100	96.8	73.0-121			3.25	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4158339-1 12/14/24 05:36 • (LCSD) R4158339-2 12/14/24 05:55

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	0.125	0.159	0.155	127	124	64.0-132			2.55	20
Bromomethane	0.125	0.168	0.156	134	125	56.0-147			7.41	20
n-Butylbenzene	0.125	0.103	0.0989	82.4	79.1	68.0-135			4.06	20
sec-Butylbenzene	0.125	0.108	0.109	86.4	87.2	74.0-130			0.922	20
tert-Butylbenzene	0.125	0.108	0.107	86.4	85.6	75.0-127			0.930	20
Carbon tetrachloride	0.125	0.144	0.130	115	104	66.0-128			10.2	20
Chlorobenzene	0.125	0.132	0.131	106	105	76.0-128			0.760	20
Chlorodibromomethane	0.125	0.144	0.146	115	117	74.0-127			1.38	20
Chloroethane	0.125	0.137	0.132	110	106	61.0-134			3.72	20
Chloroform	0.125	0.129	0.121	103	96.8	72.0-123			6.40	20
Chloromethane	0.125	0.100	0.0921	80.0	73.7	51.0-138			8.22	20
2-Chlorotoluene	0.125	0.130	0.132	104	106	75.0-124			1.53	20
4-Chlorotoluene	0.125	0.114	0.115	91.2	92.0	75.0-124			0.873	20
1,2-Dibromo-3-Chloropropane	0.125	0.115	0.115	92.0	92.0	59.0-130			0.000	20
1,2-Dibromoethane	0.125	0.132	0.131	106	105	74.0-128			0.760	20
Dibromomethane	0.125	0.130	0.123	104	98.4	75.0-122			5.53	20
1,2-Dichlorobenzene	0.125	0.125	0.125	100	100	76.0-124			0.000	20
1,3-Dichlorobenzene	0.125	0.133	0.133	106	106	76.0-125			0.000	20
1,4-Dichlorobenzene	0.125	0.125	0.126	100	101	77.0-121			0.797	20
Dichlorodifluoromethane	0.125	0.103	0.0962	82.4	77.0	43.0-156			6.83	20
1,1-Dichloroethane	0.125	0.110	0.102	88.0	81.6	70.0-127			7.55	20
1,2-Dichloroethane	0.125	0.111	0.101	88.8	80.8	65.0-131			9.43	20
1,1-Dichloroethene	0.125	0.114	0.107	91.2	85.6	65.0-131			6.33	20
cis-1,2-Dichloroethene	0.125	0.123	0.123	98.4	98.4	73.0-125			0.000	20
trans-1,2-Dichloroethene	0.125	0.119	0.111	95.2	88.8	71.0-125			6.96	20
1,2-Dichloropropane	0.125	0.110	0.108	88.0	86.4	74.0-125			1.83	20
1,1-Dichloropropene	0.125	0.136	0.129	109	103	73.0-125			5.28	20
1,3-Dichloropropane	0.125	0.139	0.139	111	111	80.0-125			0.000	20
cis-1,3-Dichloropropene	0.125	0.136	0.129	109	103	76.0-127			5.28	20
trans-1,3-Dichloropropene	0.125	0.147	0.145	118	116	73.0-127			1.37	20
2,2-Dichloropropane	0.125	0.135	0.119	108	95.2	59.0-135			12.6	20
Di-isopropyl ether	0.125	0.0944	0.0893	75.5	71.4	60.0-136			5.55	20
Ethylbenzene	0.125	0.121	0.118	96.8	94.4	74.0-126			2.51	20
Hexachloro-1,3-butadiene	0.125	0.110	0.102	88.0	81.6	57.0-150			7.55	20
Isopropylbenzene	0.125	0.109	0.106	87.2	84.8	72.0-127			2.79	20
p-Isopropyltoluene	0.125	0.105	0.106	84.0	84.8	72.0-133			0.948	20
2-Butanone (MEK)	0.625	0.563	0.552	90.1	88.3	30.0-160			1.97	24
Methylene Chloride	0.125	0.123	0.113	98.4	90.4	68.0-123			8.47	20
4-Methyl-2-pentanone (MIBK)	0.625	0.527	0.522	84.3	83.5	56.0-143			0.953	20
Methyl tert-butyl ether	0.125	0.126	0.121	101	96.8	66.0-132			4.05	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4158339-1 12/14/24 05:36 • (LCSD) R4158339-2 12/14/24 05:55

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.125	0.0937	0.0851	75.0	68.1	59.0-130			9.62	20
n-Propylbenzene	0.125	0.112	0.111	89.6	88.8	74.0-126			0.897	20
Styrene	0.125	0.108	0.106	86.4	84.8	72.0-127			1.87	20
1,1,1,2-Tetrachloroethane	0.125	0.138	0.130	110	104	74.0-129			5.97	20
1,1,2,2-Tetrachloroethane	0.125	0.120	0.123	96.0	98.4	68.0-128			2.47	20
1,1,2-Trichlorotrifluoroethane	0.125	0.147	0.140	118	112	61.0-139			4.88	20
Tetrachloroethene	0.125	0.143	0.141	114	113	70.0-136			1.41	20
Toluene	0.125	0.133	0.134	106	107	75.0-121			0.749	20
1,2,3-Trichlorobenzene	0.125	0.106	0.0953	84.8	76.2	59.0-139			10.6	20
1,2,4-Trichlorobenzene	0.125	0.104	0.0892	83.2	71.4	62.0-137			15.3	20
1,1,1-Trichloroethane	0.125	0.126	0.113	101	90.4	69.0-126			10.9	20
1,1,2-Trichloroethane	0.125	0.135	0.133	108	106	78.0-123			1.49	20
Trichloroethene	0.125	0.145	0.137	116	110	76.0-126			5.67	20
Trichlorofluoromethane	0.125	0.130	0.123	104	98.4	61.0-142			5.53	20
1,2,3-Trichloropropane	0.125	0.133	0.134	106	107	67.0-129			0.749	20
1,2,4-Trimethylbenzene	0.125	0.105	0.104	84.0	83.2	70.0-126			0.957	20
1,2,3-Trimethylbenzene	0.125	0.106	0.108	84.8	86.4	74.0-124			1.87	20
1,3,5-Trimethylbenzene	0.125	0.113	0.111	90.4	88.8	73.0-127			1.79	20
Vinyl chloride	0.125	0.107	0.0986	85.6	78.9	63.0-134			8.17	20
Xylenes, Total	0.375	0.344	0.338	91.7	90.1	72.0-127			1.76	20
(S) Toluene-d8				*105*	*106*	*75.0-131*				
(S) 4-Bromofluorobenzene				*84.3*	*83.7*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*90.5*	*92.7*	*70.0-130*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J4	The associated batch QC was outside the established quality control range for accuracy.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
ERO Resources Corp.
1626 Cole Blvd. Ste. 100
Lakewood, CO 80401

Billing Information:
Same

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

Pace
PEOPLE ADVANCING SCIENCE

12065 Lebanon Rd Mount Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # 1806735
D074

Report to: Jack Denman
Email To: jdenman@eroresources.com

Project Description: TSC-Thornton
City/State Collected: Thornton, CO
Please Circle: PT (MT) CT ET

Phone: 720-812-3576
Client Project # 24-285
Lab Project # ERORESDCO-TSCTHORN

Collected by (print): Emily True
Site/Facility ID #
P.O. #

Collected by (signature):
Immediately Packed on Ice N ___ Y X (ET 12/4/24)

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day
Date Results Needed

Quote #

Acctnum:
Template:
Prelogin:
PM:
PB:
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOCs 8260 (DCL) - No Pres.	Remarks	Sample # (lab only)
MW-A-13	Grab	SS	13.0	12/2/24	1110	1	X		-01
MW-A-18.5	Grab	SS	18.5		1140	1	X		-02
MW-B-12.5	Grab	SS	12.5		1330	1	X		-03
MW-B-17	Grab	SS	17.0		1350	1	X		-04
SAC-B-2-2.5	Grab	SS	2.5	12/4/24	0900	1	X		-05
SAC-B-2-7.5	↓	↓	7.5		0904	1	X		-06
SAC-B-2-12.5			12.5		0908	1	X		-07
SAC-B-2-17.5			17.5		0920	1	X		-08
SAC-B-2-23			23.0		0945	1	X		-09
SAC-BG-2-2.5	↓	↓	2.5	↓	0958	1	X		-10

* Matrix: ET 12/4/24
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: DCL = Dry Cleaner List

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 4171 6907 1461

Sample Receipt Checklist
COC Seal Present/Intact: __NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / (No) HCL / MeoH TBR	
	12/5/24	0825	Dale Canning		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 5.4°C Bottles Received:	If preservation required by Login: Date/Time
Dale Canning	12/5/24	1700	FEDEX	0.3+0=0.3 20	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF (OK)
				12.6.24 0800	

Company Name/Address:
ERO Resources Corp.
1626 Cole Blvd. Ste 100
Lakewood, CO 80401

Billing Information:
Same

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

Pace
PEOPLE ADVANCING SCIENCE
12065 Lebanon Rd Mount Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

Report to: Jack Denman

Email To: jdenman@eroresources.com

Project Description: TSC- Thornton

City/State Collected: Thornton, CO

Please Circle: PT (MT) CT ET

Phone: 720-812-3576

Client Project # 24-285

Lab Project # ERORESCO-TSCTHORN

SDG # 180735

Table #

Acctnum:

Template:

Prelogin:

PM:

PB:

Shipped Via:

Collected by (print): Emily True

Site/Facility ID #

P.O. #

Collected by (signature):

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Immediately Packed on Ice N ___ Y X

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOCs 8260D (DCL) - No pres.	Remarks	Sample # (lab only)
SAC-C-2-7.5	Grab	SS	7.5	12/4/24	1002	1	X		-11
SAC-C-2-12.5			12.5		1009	1	X		-12
SAC-C-2-17.5			17.5		1020	1	X		-13
SAC-C-2-21			21.0		1040	1	X		-14
SAC-C-2-25			25.0		1043	1	X		-15
SAC-C-2-25D			25.0		1043	1	X		-16
SAC-D-2-2.5			2.5		1105	1	X		-17
SAC-D-2-7.5			7.5		1110	1	X		-18
SAC-D-2-12.5			12.5		1120	1	X		-19
SAC-D-2-17.5			17.5		1137	1	X		-20

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: DCL=Dry Cleaner List

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 4171 6907 1461

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
	12/5/24	0825	Sole Courting		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	If preservation required by Login: Date/Time
Sole Courting	12/5/24	1800	FEDEX	0.310 = 0.320	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / OK
				12.6.24 0900	

Company Name/Address:
ERO Resources Corp.
1626 Cole Blvd. Suite 100
Lakewood, CO 80401

Billing Information:
Same

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

Pace
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Phone: 615-758-5858 Alt: 800-767-5859

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

Report to: Jack Denman

Email To: jdenman@eroresources.com

Project Description: TSC-Thornton

City/State Collected: Thornton, CO

Please Circle: PT (MT) CT ET

SDG # 1806735
D075

Phone: 720-812-3576

Client Project # 24-285

Lab Project # ERORESCO-TSCTHORN

Collected by (print): Emily True

Site/Facility ID #

P.O. #

Collected by (signature):

Quote #

Acctnum:

Template:

Prelogin:

PM:

PB:

Shipped Via:

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOCs 8260 (DCL) - No pres	Remarks	Sample # (lab only)
SAC-D-2-23	Grab	SS	23.0	12/4/24	1145	1	X		-21
8946-8-12.5	Grab	SS	12.5	12/4/24	1350	1	X		-22
8946-8-23	Grab	SS	23.0	12/4/24	1415	1	X		-23
8946-9-12.5	Grab	SS	12.5	12/4/24	1236	1	X		-24
8946-9-22	Grab	SS	22.0	12/4/24	1305	1	X		-25

ET 12/4/24

ET 12/4/24

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: DCL = Dry Cleaner List

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 4171 6907 1461

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

	Date:	Time:		
Relinquished by: (Signature)	12/5/24	0825	Received by: (Signature) Jake Corvino	Trip Blank Received: Yes (No) HCL / MeoH TBR
Relinquished by: (Signature) Jake Corvino	12/5/24	1800	Received by: (Signature) FEDEX	Temp: 0.3 °C Bottles Received: 0.3 10=0.2 5
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 12.6.24 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ANALYTICAL REPORT

December 27, 2024

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

ERO Resources

Sample Delivery Group:	L1809817
Samples Received:	12/14/2024
Project Number:	24-285
Description:	TSC-Thornton

Report To:

Jack Denman
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Entire Report Reviewed By:

J Dozier

Jordan Dozier
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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MW-C-13.5 L1809817-01 Solid

Collected by: Emily True
Collected date/time: 12/12/24 08:50
Received date/time: 12/14/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2422995	1	12/18/24 09:25	12/22/24 10:19	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2424575	1	12/18/24 09:25	12/26/24 09:28	JHH	Mt. Juliet, TN

MW-C-25 L1809817-02 Solid

Collected by: Emily True
Collected date/time: 12/12/24 09:20
Received date/time: 12/14/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2422995	1	12/18/24 09:25	12/22/24 10:38	ACG	Mt. Juliet, TN

MW-D-13.5 L1809817-03 Solid

Collected by: Emily True
Collected date/time: 12/12/24 11:50
Received date/time: 12/14/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2422995	1	12/18/24 09:25	12/22/24 10:57	ACG	Mt. Juliet, TN

MW-D-25 L1809817-04 Solid

Collected by: Emily True
Collected date/time: 12/12/24 12:10
Received date/time: 12/14/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2422995	1	12/18/24 09:25	12/22/24 11:16	ACG	Mt. Juliet, TN

MW-E-13.5 L1809817-05 Solid

Collected by: Emily True
Collected date/time: 12/13/24 08:50
Received date/time: 12/14/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2422995	1	12/18/24 09:25	12/22/24 11:35	ACG	Mt. Juliet, TN

MW-E-25 L1809817-06 Solid

Collected by: Emily True
Collected date/time: 12/13/24 09:15
Received date/time: 12/14/24 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2422995	1	12/18/24 09:25	12/22/24 11:54	ACG	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Jordan Dozier
Project Manager

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/22/2024 10:19	WG2422995
Acrylonitrile	U		0.00361	0.0125	1	12/22/2024 10:19	WG2422995
Benzene	U		0.000467	0.00100	1	12/22/2024 10:19	WG2422995
Bromobenzene	U		0.000900	0.0125	1	12/22/2024 10:19	WG2422995
Bromodichloromethane	U		0.000725	0.00250	1	12/22/2024 10:19	WG2422995
Bromoform	U		0.00117	0.0250	1	12/22/2024 10:19	WG2422995
Bromomethane	U		0.00197	0.0125	1	12/22/2024 10:19	WG2422995
n-Butylbenzene	U		0.00525	0.0125	1	12/22/2024 10:19	WG2422995
sec-Butylbenzene	U		0.00288	0.0125	1	12/22/2024 10:19	WG2422995
tert-Butylbenzene	U		0.00195	0.00500	1	12/22/2024 10:19	WG2422995
Carbon tetrachloride	U		0.000898	0.00500	1	12/22/2024 10:19	WG2422995
Chlorobenzene	U		0.000210	0.00250	1	12/22/2024 10:19	WG2422995
Chlorodibromomethane	U		0.000612	0.00250	1	12/22/2024 10:19	WG2422995
Chloroethane	U		0.00170	0.00500	1	12/22/2024 10:19	WG2422995
Chloroform	U		0.00103	0.00250	1	12/22/2024 10:19	WG2422995
Chloromethane	U		0.00435	0.0125	1	12/22/2024 10:19	WG2422995
2-Chlorotoluene	U		0.000865	0.00250	1	12/22/2024 10:19	WG2422995
4-Chlorotoluene	U		0.000450	0.00500	1	12/22/2024 10:19	WG2422995
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/22/2024 10:19	WG2422995
1,2-Dibromoethane	U		0.000648	0.00250	1	12/22/2024 10:19	WG2422995
Dibromomethane	U		0.000750	0.00500	1	12/22/2024 10:19	WG2422995
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/22/2024 10:19	WG2422995
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/22/2024 10:19	WG2422995
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/22/2024 10:19	WG2422995
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/22/2024 10:19	WG2422995
1,1-Dichloroethane	U		0.000491	0.00250	1	12/22/2024 10:19	WG2422995
1,2-Dichloroethane	U		0.000649	0.00250	1	12/22/2024 10:19	WG2422995
1,1-Dichloroethene	U		0.000606	0.00250	1	12/22/2024 10:19	WG2422995
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/26/2024 09:28	WG2424575
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/22/2024 10:19	WG2422995
1,2-Dichloropropane	U		0.00142	0.00500	1	12/22/2024 10:19	WG2422995
1,1-Dichloropropene	U		0.000809	0.00250	1	12/22/2024 10:19	WG2422995
1,3-Dichloropropane	U		0.000501	0.00500	1	12/22/2024 10:19	WG2422995
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/22/2024 10:19	WG2422995
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/22/2024 10:19	WG2422995
2,2-Dichloropropane	U		0.00138	0.00250	1	12/22/2024 10:19	WG2422995
Di-isopropyl ether	U		0.000410	0.00100	1	12/22/2024 10:19	WG2422995
Ethylbenzene	U		0.000737	0.00250	1	12/22/2024 10:19	WG2422995
Hexachloro-1,3-butadiene	U	J3	0.00600	0.0250	1	12/22/2024 10:19	WG2422995
Isopropylbenzene	U		0.000425	0.00250	1	12/22/2024 10:19	WG2422995
p-Isopropyltoluene	U		0.00255	0.00500	1	12/22/2024 10:19	WG2422995
2-Butanone (MEK)	U		0.0635	0.100	1	12/22/2024 10:19	WG2422995
Methylene Chloride	U		0.00664	0.0250	1	12/22/2024 10:19	WG2422995
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/22/2024 10:19	WG2422995
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/22/2024 10:19	WG2422995
Naphthalene	U		0.00488	0.0125	1	12/26/2024 09:28	WG2424575
n-Propylbenzene	U		0.000950	0.00500	1	12/22/2024 10:19	WG2422995
Styrene	U		0.000229	0.0125	1	12/22/2024 10:19	WG2422995
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/22/2024 10:19	WG2422995
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/22/2024 10:19	WG2422995
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/22/2024 10:19	WG2422995
Tetrachloroethene	U		0.000896	0.00250	1	12/22/2024 10:19	WG2422995
Toluene	U		0.00130	0.00500	1	12/22/2024 10:19	WG2422995
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/22/2024 10:19	WG2422995
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/22/2024 10:19	WG2422995
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/22/2024 10:19	WG2422995

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/22/2024 10:19	WG2422995
Trichloroethene	U		0.000584	0.00100	1	12/22/2024 10:19	WG2422995
Trichlorofluoromethane	U		0.000827	0.00250	1	12/22/2024 10:19	WG2422995
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/22/2024 10:19	WG2422995
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/22/2024 10:19	WG2422995
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/22/2024 10:19	WG2422995
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/22/2024 10:19	WG2422995
Vinyl chloride	U		0.00116	0.00250	1	12/22/2024 10:19	WG2422995
Xylenes, Total	U		0.000880	0.00650	1	12/22/2024 10:19	WG2422995
(S) Toluene-d8	*92.9*			*75.0-131*		*12/22/2024 10:19*	WG2422995
(S) Toluene-d8	*113*			*75.0-131*		*12/26/2024 09:28*	WG2424575
(S) 4-Bromofluorobenzene	*108*			*67.0-138*		*12/22/2024 10:19*	WG2422995
(S) 4-Bromofluorobenzene	*90.8*			*67.0-138*		*12/26/2024 09:28*	WG2424575
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*12/22/2024 10:19*	WG2422995
(S) 1,2-Dichloroethane-d4	*83.8*			*70.0-130*		*12/26/2024 09:28*	WG2424575

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/22/2024 10:38	WG2422995
Acrylonitrile	U		0.00361	0.0125	1	12/22/2024 10:38	WG2422995
Benzene	U		0.000467	0.00100	1	12/22/2024 10:38	WG2422995
Bromobenzene	U		0.000900	0.0125	1	12/22/2024 10:38	WG2422995
Bromodichloromethane	U		0.000725	0.00250	1	12/22/2024 10:38	WG2422995
Bromoform	U		0.00117	0.0250	1	12/22/2024 10:38	WG2422995
Bromomethane	U		0.00197	0.0125	1	12/22/2024 10:38	WG2422995
n-Butylbenzene	U		0.00525	0.0125	1	12/22/2024 10:38	WG2422995
sec-Butylbenzene	U		0.00288	0.0125	1	12/22/2024 10:38	WG2422995
tert-Butylbenzene	U		0.00195	0.00500	1	12/22/2024 10:38	WG2422995
Carbon tetrachloride	U		0.000898	0.00500	1	12/22/2024 10:38	WG2422995
Chlorobenzene	U		0.000210	0.00250	1	12/22/2024 10:38	WG2422995
Chlorodibromomethane	U		0.000612	0.00250	1	12/22/2024 10:38	WG2422995
Chloroethane	U		0.00170	0.00500	1	12/22/2024 10:38	WG2422995
Chloroform	U		0.00103	0.00250	1	12/22/2024 10:38	WG2422995
Chloromethane	U		0.00435	0.0125	1	12/22/2024 10:38	WG2422995
2-Chlorotoluene	U		0.000865	0.00250	1	12/22/2024 10:38	WG2422995
4-Chlorotoluene	U		0.000450	0.00500	1	12/22/2024 10:38	WG2422995
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/22/2024 10:38	WG2422995
1,2-Dibromoethane	U		0.000648	0.00250	1	12/22/2024 10:38	WG2422995
Dibromomethane	U		0.000750	0.00500	1	12/22/2024 10:38	WG2422995
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/22/2024 10:38	WG2422995
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/22/2024 10:38	WG2422995
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/22/2024 10:38	WG2422995
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/22/2024 10:38	WG2422995
1,1-Dichloroethane	U		0.000491	0.00250	1	12/22/2024 10:38	WG2422995
1,2-Dichloroethane	U		0.000649	0.00250	1	12/22/2024 10:38	WG2422995
1,1-Dichloroethene	U		0.000606	0.00250	1	12/22/2024 10:38	WG2422995
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/22/2024 10:38	WG2422995
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/22/2024 10:38	WG2422995
1,2-Dichloropropane	U		0.00142	0.00500	1	12/22/2024 10:38	WG2422995
1,1-Dichloropropene	U		0.000809	0.00250	1	12/22/2024 10:38	WG2422995
1,3-Dichloropropane	U		0.000501	0.00500	1	12/22/2024 10:38	WG2422995
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/22/2024 10:38	WG2422995
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/22/2024 10:38	WG2422995
2,2-Dichloropropane	U		0.00138	0.00250	1	12/22/2024 10:38	WG2422995
Di-isopropyl ether	U		0.000410	0.00100	1	12/22/2024 10:38	WG2422995
Ethylbenzene	U		0.000737	0.00250	1	12/22/2024 10:38	WG2422995
Hexachloro-1,3-butadiene	U	J3	0.00600	0.0250	1	12/22/2024 10:38	WG2422995
Isopropylbenzene	U		0.000425	0.00250	1	12/22/2024 10:38	WG2422995
p-Isopropyltoluene	U		0.00255	0.00500	1	12/22/2024 10:38	WG2422995
2-Butanone (MEK)	U		0.0635	0.100	1	12/22/2024 10:38	WG2422995
Methylene Chloride	U		0.00664	0.0250	1	12/22/2024 10:38	WG2422995
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/22/2024 10:38	WG2422995
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/22/2024 10:38	WG2422995
Naphthalene	U		0.00488	0.0125	1	12/22/2024 10:38	WG2422995
n-Propylbenzene	U		0.000950	0.00500	1	12/22/2024 10:38	WG2422995
Styrene	U		0.000229	0.0125	1	12/22/2024 10:38	WG2422995
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/22/2024 10:38	WG2422995
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/22/2024 10:38	WG2422995
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/22/2024 10:38	WG2422995
Tetrachloroethene	U		0.000896	0.00250	1	12/22/2024 10:38	WG2422995
Toluene	U		0.00130	0.00500	1	12/22/2024 10:38	WG2422995
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/22/2024 10:38	WG2422995
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/22/2024 10:38	WG2422995
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/22/2024 10:38	WG2422995

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/22/2024 10:38	WG2422995
Trichloroethene	U		0.000584	0.00100	1	12/22/2024 10:38	WG2422995
Trichlorofluoromethane	U		0.000827	0.00250	1	12/22/2024 10:38	WG2422995
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/22/2024 10:38	WG2422995
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/22/2024 10:38	WG2422995
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/22/2024 10:38	WG2422995
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/22/2024 10:38	WG2422995
Vinyl chloride	U		0.00116	0.00250	1	12/22/2024 10:38	WG2422995
Xylenes, Total	U		0.000880	0.00650	1	12/22/2024 10:38	WG2422995
(S) Toluene-d8	*93.2*			*75.0-131*		*12/22/2024 10:38*	WG2422995
(S) 4-Bromofluorobenzene	*105*			*67.0-138*		*12/22/2024 10:38*	WG2422995
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*12/22/2024 10:38*	WG2422995

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/22/2024 10:57	WG2422995
Acrylonitrile	U		0.00361	0.0125	1	12/22/2024 10:57	WG2422995
Benzene	U		0.000467	0.00100	1	12/22/2024 10:57	WG2422995
Bromobenzene	U		0.000900	0.0125	1	12/22/2024 10:57	WG2422995
Bromodichloromethane	U		0.000725	0.00250	1	12/22/2024 10:57	WG2422995
Bromoform	U		0.00117	0.0250	1	12/22/2024 10:57	WG2422995
Bromomethane	U		0.00197	0.0125	1	12/22/2024 10:57	WG2422995
n-Butylbenzene	U		0.00525	0.0125	1	12/22/2024 10:57	WG2422995
sec-Butylbenzene	U		0.00288	0.0125	1	12/22/2024 10:57	WG2422995
tert-Butylbenzene	U		0.00195	0.00500	1	12/22/2024 10:57	WG2422995
Carbon tetrachloride	U		0.000898	0.00500	1	12/22/2024 10:57	WG2422995
Chlorobenzene	U		0.000210	0.00250	1	12/22/2024 10:57	WG2422995
Chlorodibromomethane	U		0.000612	0.00250	1	12/22/2024 10:57	WG2422995
Chloroethane	U		0.00170	0.00500	1	12/22/2024 10:57	WG2422995
Chloroform	U		0.00103	0.00250	1	12/22/2024 10:57	WG2422995
Chloromethane	U		0.00435	0.0125	1	12/22/2024 10:57	WG2422995
2-Chlorotoluene	U		0.000865	0.00250	1	12/22/2024 10:57	WG2422995
4-Chlorotoluene	U		0.000450	0.00500	1	12/22/2024 10:57	WG2422995
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/22/2024 10:57	WG2422995
1,2-Dibromoethane	U		0.000648	0.00250	1	12/22/2024 10:57	WG2422995
Dibromomethane	U		0.000750	0.00500	1	12/22/2024 10:57	WG2422995
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/22/2024 10:57	WG2422995
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/22/2024 10:57	WG2422995
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/22/2024 10:57	WG2422995
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/22/2024 10:57	WG2422995
1,1-Dichloroethane	U		0.000491	0.00250	1	12/22/2024 10:57	WG2422995
1,2-Dichloroethane	U		0.000649	0.00250	1	12/22/2024 10:57	WG2422995
1,1-Dichloroethene	U		0.000606	0.00250	1	12/22/2024 10:57	WG2422995
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/22/2024 10:57	WG2422995
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/22/2024 10:57	WG2422995
1,2-Dichloropropane	U		0.00142	0.00500	1	12/22/2024 10:57	WG2422995
1,1-Dichloropropene	U		0.000809	0.00250	1	12/22/2024 10:57	WG2422995
1,3-Dichloropropane	U		0.000501	0.00500	1	12/22/2024 10:57	WG2422995
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/22/2024 10:57	WG2422995
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/22/2024 10:57	WG2422995
2,2-Dichloropropane	U		0.00138	0.00250	1	12/22/2024 10:57	WG2422995
Di-isopropyl ether	U		0.000410	0.00100	1	12/22/2024 10:57	WG2422995
Ethylbenzene	U		0.000737	0.00250	1	12/22/2024 10:57	WG2422995
Hexachloro-1,3-butadiene	U	J3	0.00600	0.0250	1	12/22/2024 10:57	WG2422995
Isopropylbenzene	U		0.000425	0.00250	1	12/22/2024 10:57	WG2422995
p-Isopropyltoluene	U		0.00255	0.00500	1	12/22/2024 10:57	WG2422995
2-Butanone (MEK)	U		0.0635	0.100	1	12/22/2024 10:57	WG2422995
Methylene Chloride	U		0.00664	0.0250	1	12/22/2024 10:57	WG2422995
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/22/2024 10:57	WG2422995
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/22/2024 10:57	WG2422995
Naphthalene	U		0.00488	0.0125	1	12/22/2024 10:57	WG2422995
n-Propylbenzene	U		0.000950	0.00500	1	12/22/2024 10:57	WG2422995
Styrene	U		0.000229	0.0125	1	12/22/2024 10:57	WG2422995
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/22/2024 10:57	WG2422995
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/22/2024 10:57	WG2422995
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/22/2024 10:57	WG2422995
Tetrachloroethene	U		0.000896	0.00250	1	12/22/2024 10:57	WG2422995
Toluene	U		0.00130	0.00500	1	12/22/2024 10:57	WG2422995
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/22/2024 10:57	WG2422995
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/22/2024 10:57	WG2422995
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/22/2024 10:57	WG2422995

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/22/2024 10:57	WG2422995
Trichloroethene	U		0.000584	0.00100	1	12/22/2024 10:57	WG2422995
Trichlorofluoromethane	U		0.000827	0.00250	1	12/22/2024 10:57	WG2422995
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/22/2024 10:57	WG2422995
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/22/2024 10:57	WG2422995
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/22/2024 10:57	WG2422995
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/22/2024 10:57	WG2422995
Vinyl chloride	U		0.00116	0.00250	1	12/22/2024 10:57	WG2422995
Xylenes, Total	U		0.000880	0.00650	1	12/22/2024 10:57	WG2422995
(S) Toluene-d8	*92.8*			*75.0-131*		*12/22/2024 10:57*	WG2422995
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*12/22/2024 10:57*	WG2422995
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*12/22/2024 10:57*	WG2422995

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/22/2024 11:16	WG2422995
Acrylonitrile	U		0.00361	0.0125	1	12/22/2024 11:16	WG2422995
Benzene	U		0.000467	0.00100	1	12/22/2024 11:16	WG2422995
Bromobenzene	U		0.000900	0.0125	1	12/22/2024 11:16	WG2422995
Bromodichloromethane	U		0.000725	0.00250	1	12/22/2024 11:16	WG2422995
Bromoform	U		0.00117	0.0250	1	12/22/2024 11:16	WG2422995
Bromomethane	U		0.00197	0.0125	1	12/22/2024 11:16	WG2422995
n-Butylbenzene	U		0.00525	0.0125	1	12/22/2024 11:16	WG2422995
sec-Butylbenzene	U		0.00288	0.0125	1	12/22/2024 11:16	WG2422995
tert-Butylbenzene	U		0.00195	0.00500	1	12/22/2024 11:16	WG2422995
Carbon tetrachloride	U		0.000898	0.00500	1	12/22/2024 11:16	WG2422995
Chlorobenzene	U		0.000210	0.00250	1	12/22/2024 11:16	WG2422995
Chlorodibromomethane	U		0.000612	0.00250	1	12/22/2024 11:16	WG2422995
Chloroethane	U		0.00170	0.00500	1	12/22/2024 11:16	WG2422995
Chloroform	U		0.00103	0.00250	1	12/22/2024 11:16	WG2422995
Chloromethane	U		0.00435	0.0125	1	12/22/2024 11:16	WG2422995
2-Chlorotoluene	U		0.000865	0.00250	1	12/22/2024 11:16	WG2422995
4-Chlorotoluene	U		0.000450	0.00500	1	12/22/2024 11:16	WG2422995
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/22/2024 11:16	WG2422995
1,2-Dibromoethane	U		0.000648	0.00250	1	12/22/2024 11:16	WG2422995
Dibromomethane	U		0.000750	0.00500	1	12/22/2024 11:16	WG2422995
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/22/2024 11:16	WG2422995
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/22/2024 11:16	WG2422995
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/22/2024 11:16	WG2422995
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/22/2024 11:16	WG2422995
1,1-Dichloroethane	U		0.000491	0.00250	1	12/22/2024 11:16	WG2422995
1,2-Dichloroethane	U		0.000649	0.00250	1	12/22/2024 11:16	WG2422995
1,1-Dichloroethene	U		0.000606	0.00250	1	12/22/2024 11:16	WG2422995
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/22/2024 11:16	WG2422995
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/22/2024 11:16	WG2422995
1,2-Dichloropropane	U		0.00142	0.00500	1	12/22/2024 11:16	WG2422995
1,1-Dichloropropene	U		0.000809	0.00250	1	12/22/2024 11:16	WG2422995
1,3-Dichloropropane	U		0.000501	0.00500	1	12/22/2024 11:16	WG2422995
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/22/2024 11:16	WG2422995
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/22/2024 11:16	WG2422995
2,2-Dichloropropane	U		0.00138	0.00250	1	12/22/2024 11:16	WG2422995
Di-isopropyl ether	U		0.000410	0.00100	1	12/22/2024 11:16	WG2422995
Ethylbenzene	U		0.000737	0.00250	1	12/22/2024 11:16	WG2422995
Hexachloro-1,3-butadiene	U	J3	0.00600	0.0250	1	12/22/2024 11:16	WG2422995
Isopropylbenzene	U		0.000425	0.00250	1	12/22/2024 11:16	WG2422995
p-Isopropyltoluene	U		0.00255	0.00500	1	12/22/2024 11:16	WG2422995
2-Butanone (MEK)	U		0.0635	0.100	1	12/22/2024 11:16	WG2422995
Methylene Chloride	U		0.00664	0.0250	1	12/22/2024 11:16	WG2422995
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/22/2024 11:16	WG2422995
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/22/2024 11:16	WG2422995
Naphthalene	U		0.00488	0.0125	1	12/22/2024 11:16	WG2422995
n-Propylbenzene	U		0.000950	0.00500	1	12/22/2024 11:16	WG2422995
Styrene	U		0.000229	0.0125	1	12/22/2024 11:16	WG2422995
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/22/2024 11:16	WG2422995
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/22/2024 11:16	WG2422995
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/22/2024 11:16	WG2422995
Tetrachloroethene	U		0.000896	0.00250	1	12/22/2024 11:16	WG2422995
Toluene	U		0.00130	0.00500	1	12/22/2024 11:16	WG2422995
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/22/2024 11:16	WG2422995
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/22/2024 11:16	WG2422995
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/22/2024 11:16	WG2422995

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/22/2024 11:16	WG2422995
Trichloroethene	U		0.000584	0.00100	1	12/22/2024 11:16	WG2422995
Trichlorofluoromethane	U		0.000827	0.00250	1	12/22/2024 11:16	WG2422995
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/22/2024 11:16	WG2422995
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/22/2024 11:16	WG2422995
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/22/2024 11:16	WG2422995
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/22/2024 11:16	WG2422995
Vinyl chloride	U		0.00116	0.00250	1	12/22/2024 11:16	WG2422995
Xylenes, Total	U		0.000880	0.00650	1	12/22/2024 11:16	WG2422995
(S) Toluene-d8	*94.9*			*75.0-131*		*12/22/2024 11:16*	WG2422995
(S) 4-Bromofluorobenzene	*107*			*67.0-138*		*12/22/2024 11:16*	WG2422995
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*12/22/2024 11:16*	WG2422995

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/22/2024 11:35	WG2422995
Acrylonitrile	U		0.00361	0.0125	1	12/22/2024 11:35	WG2422995
Benzene	U		0.000467	0.00100	1	12/22/2024 11:35	WG2422995
Bromobenzene	U		0.000900	0.0125	1	12/22/2024 11:35	WG2422995
Bromodichloromethane	U		0.000725	0.00250	1	12/22/2024 11:35	WG2422995
Bromoform	U		0.00117	0.0250	1	12/22/2024 11:35	WG2422995
Bromomethane	U		0.00197	0.0125	1	12/22/2024 11:35	WG2422995
n-Butylbenzene	U		0.00525	0.0125	1	12/22/2024 11:35	WG2422995
sec-Butylbenzene	U		0.00288	0.0125	1	12/22/2024 11:35	WG2422995
tert-Butylbenzene	U		0.00195	0.00500	1	12/22/2024 11:35	WG2422995
Carbon tetrachloride	U		0.000898	0.00500	1	12/22/2024 11:35	WG2422995
Chlorobenzene	U		0.000210	0.00250	1	12/22/2024 11:35	WG2422995
Chlorodibromomethane	U		0.000612	0.00250	1	12/22/2024 11:35	WG2422995
Chloroethane	U		0.00170	0.00500	1	12/22/2024 11:35	WG2422995
Chloroform	U		0.00103	0.00250	1	12/22/2024 11:35	WG2422995
Chloromethane	U		0.00435	0.0125	1	12/22/2024 11:35	WG2422995
2-Chlorotoluene	U		0.000865	0.00250	1	12/22/2024 11:35	WG2422995
4-Chlorotoluene	U		0.000450	0.00500	1	12/22/2024 11:35	WG2422995
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/22/2024 11:35	WG2422995
1,2-Dibromoethane	U		0.000648	0.00250	1	12/22/2024 11:35	WG2422995
Dibromomethane	U		0.000750	0.00500	1	12/22/2024 11:35	WG2422995
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/22/2024 11:35	WG2422995
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/22/2024 11:35	WG2422995
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/22/2024 11:35	WG2422995
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/22/2024 11:35	WG2422995
1,1-Dichloroethane	U		0.000491	0.00250	1	12/22/2024 11:35	WG2422995
1,2-Dichloroethane	U		0.000649	0.00250	1	12/22/2024 11:35	WG2422995
1,1-Dichloroethene	U		0.000606	0.00250	1	12/22/2024 11:35	WG2422995
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/22/2024 11:35	WG2422995
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/22/2024 11:35	WG2422995
1,2-Dichloropropane	U		0.00142	0.00500	1	12/22/2024 11:35	WG2422995
1,1-Dichloropropene	U		0.000809	0.00250	1	12/22/2024 11:35	WG2422995
1,3-Dichloropropane	U		0.000501	0.00500	1	12/22/2024 11:35	WG2422995
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/22/2024 11:35	WG2422995
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/22/2024 11:35	WG2422995
2,2-Dichloropropane	U		0.00138	0.00250	1	12/22/2024 11:35	WG2422995
Di-isopropyl ether	U		0.000410	0.00100	1	12/22/2024 11:35	WG2422995
Ethylbenzene	U		0.000737	0.00250	1	12/22/2024 11:35	WG2422995
Hexachloro-1,3-butadiene	U	J3	0.00600	0.0250	1	12/22/2024 11:35	WG2422995
Isopropylbenzene	U		0.000425	0.00250	1	12/22/2024 11:35	WG2422995
p-Isopropyltoluene	U		0.00255	0.00500	1	12/22/2024 11:35	WG2422995
2-Butanone (MEK)	U		0.0635	0.100	1	12/22/2024 11:35	WG2422995
Methylene Chloride	U		0.00664	0.0250	1	12/22/2024 11:35	WG2422995
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/22/2024 11:35	WG2422995
Methyl tert-butyl ether	0.00197		0.000350	0.00100	1	12/22/2024 11:35	WG2422995
Naphthalene	U		0.00488	0.0125	1	12/22/2024 11:35	WG2422995
n-Propylbenzene	U		0.000950	0.00500	1	12/22/2024 11:35	WG2422995
Styrene	U		0.000229	0.0125	1	12/22/2024 11:35	WG2422995
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/22/2024 11:35	WG2422995
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/22/2024 11:35	WG2422995
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/22/2024 11:35	WG2422995
Tetrachloroethene	U		0.000896	0.00250	1	12/22/2024 11:35	WG2422995
Toluene	U		0.00130	0.00500	1	12/22/2024 11:35	WG2422995
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/22/2024 11:35	WG2422995
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/22/2024 11:35	WG2422995
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/22/2024 11:35	WG2422995

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/22/2024 11:35	WG2422995
Trichloroethene	U		0.000584	0.00100	1	12/22/2024 11:35	WG2422995
Trichlorofluoromethane	U		0.000827	0.00250	1	12/22/2024 11:35	WG2422995
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/22/2024 11:35	WG2422995
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/22/2024 11:35	WG2422995
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/22/2024 11:35	WG2422995
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/22/2024 11:35	WG2422995
Vinyl chloride	U		0.00116	0.00250	1	12/22/2024 11:35	WG2422995
Xylenes, Total	U		0.000880	0.00650	1	12/22/2024 11:35	WG2422995
(S) Toluene-d8	*93.9*			*75.0-131*		*12/22/2024 11:35*	WG2422995
(S) 4-Bromofluorobenzene	*108*			*67.0-138*		*12/22/2024 11:35*	WG2422995
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*12/22/2024 11:35*	WG2422995

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	12/22/2024 11:54	WG2422995
Acrylonitrile	U		0.00361	0.0125	1	12/22/2024 11:54	WG2422995
Benzene	U		0.000467	0.00100	1	12/22/2024 11:54	WG2422995
Bromobenzene	U		0.000900	0.0125	1	12/22/2024 11:54	WG2422995
Bromodichloromethane	U		0.000725	0.00250	1	12/22/2024 11:54	WG2422995
Bromoform	U		0.00117	0.0250	1	12/22/2024 11:54	WG2422995
Bromomethane	U		0.00197	0.0125	1	12/22/2024 11:54	WG2422995
n-Butylbenzene	U		0.00525	0.0125	1	12/22/2024 11:54	WG2422995
sec-Butylbenzene	U		0.00288	0.0125	1	12/22/2024 11:54	WG2422995
tert-Butylbenzene	U		0.00195	0.00500	1	12/22/2024 11:54	WG2422995
Carbon tetrachloride	U		0.000898	0.00500	1	12/22/2024 11:54	WG2422995
Chlorobenzene	U		0.000210	0.00250	1	12/22/2024 11:54	WG2422995
Chlorodibromomethane	U		0.000612	0.00250	1	12/22/2024 11:54	WG2422995
Chloroethane	U		0.00170	0.00500	1	12/22/2024 11:54	WG2422995
Chloroform	U		0.00103	0.00250	1	12/22/2024 11:54	WG2422995
Chloromethane	U		0.00435	0.0125	1	12/22/2024 11:54	WG2422995
2-Chlorotoluene	U		0.000865	0.00250	1	12/22/2024 11:54	WG2422995
4-Chlorotoluene	U		0.000450	0.00500	1	12/22/2024 11:54	WG2422995
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	12/22/2024 11:54	WG2422995
1,2-Dibromoethane	U		0.000648	0.00250	1	12/22/2024 11:54	WG2422995
Dibromomethane	U		0.000750	0.00500	1	12/22/2024 11:54	WG2422995
1,2-Dichlorobenzene	U		0.000425	0.00500	1	12/22/2024 11:54	WG2422995
1,3-Dichlorobenzene	U		0.000600	0.00500	1	12/22/2024 11:54	WG2422995
1,4-Dichlorobenzene	U		0.000700	0.00500	1	12/22/2024 11:54	WG2422995
Dichlorodifluoromethane	U		0.00161	0.00500	1	12/22/2024 11:54	WG2422995
1,1-Dichloroethane	U		0.000491	0.00250	1	12/22/2024 11:54	WG2422995
1,2-Dichloroethane	U		0.000649	0.00250	1	12/22/2024 11:54	WG2422995
1,1-Dichloroethene	U		0.000606	0.00250	1	12/22/2024 11:54	WG2422995
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	12/22/2024 11:54	WG2422995
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	12/22/2024 11:54	WG2422995
1,2-Dichloropropane	U		0.00142	0.00500	1	12/22/2024 11:54	WG2422995
1,1-Dichloropropene	U		0.000809	0.00250	1	12/22/2024 11:54	WG2422995
1,3-Dichloropropane	U		0.000501	0.00500	1	12/22/2024 11:54	WG2422995
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	12/22/2024 11:54	WG2422995
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	12/22/2024 11:54	WG2422995
2,2-Dichloropropane	U		0.00138	0.00250	1	12/22/2024 11:54	WG2422995
Di-isopropyl ether	U		0.000410	0.00100	1	12/22/2024 11:54	WG2422995
Ethylbenzene	U		0.000737	0.00250	1	12/22/2024 11:54	WG2422995
Hexachloro-1,3-butadiene	U	J3	0.00600	0.0250	1	12/22/2024 11:54	WG2422995
Isopropylbenzene	U		0.000425	0.00250	1	12/22/2024 11:54	WG2422995
p-Isopropyltoluene	U		0.00255	0.00500	1	12/22/2024 11:54	WG2422995
2-Butanone (MEK)	U		0.0635	0.100	1	12/22/2024 11:54	WG2422995
Methylene Chloride	U		0.00664	0.0250	1	12/22/2024 11:54	WG2422995
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	12/22/2024 11:54	WG2422995
Methyl tert-butyl ether	U		0.000350	0.00100	1	12/22/2024 11:54	WG2422995
Naphthalene	U		0.00488	0.0125	1	12/22/2024 11:54	WG2422995
n-Propylbenzene	U		0.000950	0.00500	1	12/22/2024 11:54	WG2422995
Styrene	U		0.000229	0.0125	1	12/22/2024 11:54	WG2422995
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	12/22/2024 11:54	WG2422995
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	12/22/2024 11:54	WG2422995
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	12/22/2024 11:54	WG2422995
Tetrachloroethene	U		0.000896	0.00250	1	12/22/2024 11:54	WG2422995
Toluene	U		0.00130	0.00500	1	12/22/2024 11:54	WG2422995
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	12/22/2024 11:54	WG2422995
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	12/22/2024 11:54	WG2422995
1,1,1-Trichloroethane	U		0.000923	0.00250	1	12/22/2024 11:54	WG2422995

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	12/22/2024 11:54	WG2422995
Trichloroethene	U		0.000584	0.00100	1	12/22/2024 11:54	WG2422995
Trichlorofluoromethane	U		0.000827	0.00250	1	12/22/2024 11:54	WG2422995
1,2,3-Trichloropropane	U		0.00162	0.0125	1	12/22/2024 11:54	WG2422995
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	12/22/2024 11:54	WG2422995
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	12/22/2024 11:54	WG2422995
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	12/22/2024 11:54	WG2422995
Vinyl chloride	U		0.00116	0.00250	1	12/22/2024 11:54	WG2422995
Xylenes, Total	U		0.000880	0.00650	1	12/22/2024 11:54	WG2422995
(S) Toluene-d8	*93.6*			*75.0-131*		*12/22/2024 11:54*	WG2422995
(S) 4-Bromofluorobenzene	*106*			*67.0-138*		*12/22/2024 11:54*	WG2422995
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*12/22/2024 11:54*	WG2422995

Method Blank (MB)

(MB) R4161672-3 12/22/24 09:43

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	0.00193	J	0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4161672-3 12/22/24 09:43

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	0.00570	J	0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,2,3-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*94.1*			*75.0-131*
(S) 4-Bromofluorobenzene	*109*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4161672-1 12/22/24 07:14 • (LCSD) R4161672-2 12/22/24 07:34

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.632	0.656	101	105	10.0-160			3.73	31
Acrylonitrile	0.625	0.714	0.715	114	114	45.0-153			0.140	22
Benzene	0.125	0.137	0.138	110	110	70.0-123			0.727	20
Bromobenzene	0.125	0.123	0.124	98.4	99.2	73.0-121			0.810	20
Bromodichloromethane	0.125	0.129	0.126	103	101	73.0-121			2.35	20

QUALITY CONTROL SUMMARY

L1809817-01,02,03,04,05,06

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4161672-1 12/22/24 07:14 • (LCSD) R4161672-2 12/22/24 07:34

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	0.125	0.123	0.126	98.4	101	64.0-132			2.41	20
Bromomethane	0.125	0.0988	0.0956	79.0	76.5	56.0-147			3.29	20
n-Butylbenzene	0.125	0.0954	0.102	76.3	81.6	68.0-135			6.69	20
sec-Butylbenzene	0.125	0.113	0.122	90.4	97.6	74.0-130			7.66	20
tert-Butylbenzene	0.125	0.120	0.124	96.0	99.2	75.0-127			3.28	20
Carbon tetrachloride	0.125	0.133	0.139	106	111	66.0-128			4.41	20
Chlorobenzene	0.125	0.124	0.125	99.2	100	76.0-128			0.803	20
Chlorodibromomethane	0.125	0.131	0.130	105	104	74.0-127			0.766	20
Chloroethane	0.125	0.109	0.106	87.2	84.8	61.0-134			2.79	20
Chloroform	0.125	0.120	0.123	96.0	98.4	72.0-123			2.47	20
Chloromethane	0.125	0.132	0.134	106	107	51.0-138			1.50	20
2-Chlorotoluene	0.125	0.121	0.121	96.8	96.8	75.0-124			0.000	20
4-Chlorotoluene	0.125	0.109	0.111	87.2	88.8	75.0-124			1.82	20
1,2-Dibromo-3-Chloropropane	0.125	0.114	0.121	91.2	96.8	59.0-130			5.96	20
1,2-Dibromoethane	0.125	0.132	0.133	106	106	74.0-128			0.755	20
Dibromomethane	0.125	0.130	0.131	104	105	75.0-122			0.766	20
1,2-Dichlorobenzene	0.125	0.116	0.120	92.8	96.0	76.0-124			3.39	20
1,3-Dichlorobenzene	0.125	0.123	0.124	98.4	99.2	76.0-125			0.810	20
1,4-Dichlorobenzene	0.125	0.108	0.112	86.4	89.6	77.0-121			3.64	20
Dichlorodifluoromethane	0.125	0.101	0.117	80.8	93.6	43.0-156			14.7	20
1,1-Dichloroethane	0.125	0.135	0.132	108	106	70.0-127			2.25	20
1,2-Dichloroethane	0.125	0.0972	0.0955	77.8	76.4	65.0-131			1.76	20
1,1-Dichloroethene	0.125	0.147	0.148	118	118	65.0-131			0.678	20
cis-1,2-Dichloroethene	0.125	0.138	0.139	110	111	73.0-125			0.722	20
trans-1,2-Dichloroethene	0.125	0.150	0.151	120	121	71.0-125			0.664	20
1,2-Dichloropropane	0.125	0.132	0.134	106	107	74.0-125			1.50	20
1,1-Dichloropropene	0.125	0.134	0.135	107	108	73.0-125			0.743	20
1,3-Dichloropropane	0.125	0.121	0.123	96.8	98.4	80.0-125			1.64	20
cis-1,3-Dichloropropene	0.125	0.126	0.131	101	105	76.0-127			3.89	20
trans-1,3-Dichloropropene	0.125	0.121	0.119	96.8	95.2	73.0-127			1.67	20
2,2-Dichloropropane	0.125	0.117	0.116	93.6	92.8	59.0-135			0.858	20
Di-isopropyl ether	0.125	0.132	0.134	106	107	60.0-136			1.50	20
Ethylbenzene	0.125	0.130	0.134	104	107	74.0-126			3.03	20
Hexachloro-1,3-butadiene	0.125	0.0762	0.0933	61.0	74.6	57.0-150		J3	20.2	20
Isopropylbenzene	0.125	0.142	0.148	114	118	72.0-127			4.14	20
p-Isopropyltoluene	0.125	0.115	0.120	92.0	96.0	72.0-133			4.26	20
2-Butanone (MEK)	0.625	0.584	0.606	93.4	97.0	30.0-160			3.70	24
Methylene Chloride	0.125	0.153	0.150	122	120	68.0-123			1.98	20
4-Methyl-2-pentanone (MIBK)	0.625	0.614	0.622	98.2	99.5	56.0-143			1.29	20
Methyl tert-butyl ether	0.125	0.158	0.164	126	131	66.0-132			3.73	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4161672-1 12/22/24 07:14 • (LCSD) R4161672-2 12/22/24 07:34

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.125	0.0916	0.0956	73.3	76.5	59.0-130			4.27	20
n-Propylbenzene	0.125	0.114	0.115	91.2	92.0	74.0-126			0.873	20
Styrene	0.125	0.136	0.138	109	110	72.0-127			1.46	20
1,1,1,2-Tetrachloroethane	0.125	0.135	0.142	108	114	74.0-129			5.05	20
1,1,2,2-Tetrachloroethane	0.125	0.108	0.111	86.4	88.8	68.0-128			2.74	20
1,1,2-Trichlorotrifluoroethane	0.125	0.144	0.166	115	133	61.0-139			14.2	20
Tetrachloroethene	0.125	0.139	0.138	111	110	70.0-136			0.722	20
Toluene	0.125	0.126	0.127	101	102	75.0-121			0.791	20
1,2,3-Trichlorobenzene	0.125	0.0935	0.106	74.8	84.8	59.0-139			12.5	20
1,2,4-Trichlorobenzene	0.125	0.105	0.121	84.0	96.8	62.0-137			14.2	20
1,1,1-Trichloroethane	0.125	0.140	0.141	112	113	69.0-126			0.712	20
1,1,2-Trichloroethane	0.125	0.124	0.124	99.2	99.2	78.0-123			0.000	20
Trichloroethene	0.125	0.151	0.153	121	122	76.0-126			1.32	20
Trichlorofluoromethane	0.125	0.112	0.118	89.6	94.4	61.0-142			5.22	20
1,2,3-Trichloropropane	0.125	0.115	0.112	92.0	89.6	67.0-129			2.64	20
1,2,4-Trimethylbenzene	0.125	0.119	0.122	95.2	97.6	70.0-126			2.49	20
1,2,3-Trimethylbenzene	0.125	0.115	0.115	92.0	92.0	74.0-124			0.000	20
1,3,5-Trimethylbenzene	0.125	0.115	0.118	92.0	94.4	73.0-127			2.58	20
Vinyl chloride	0.125	0.108	0.110	86.4	88.0	63.0-134			1.83	20
Xylenes, Total	0.375	0.406	0.417	108	111	72.0-127			2.67	20
(S) Toluene-d8				*99.6*	*99.7*	*75.0-131*				
(S) 4-Bromofluorobenzene				*109*	*111*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*83.8*	*83.4*	*70.0-130*				

Method Blank (MB)

(MB) R4162213-3 12/26/24 08:07

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
cis-1,2-Dichloroethene	U		0.000734	0.00250
Naphthalene	U		0.00488	0.0125
(S) Toluene-d8	*115*			*75.0-131*
(S) 4-Bromofluorobenzene	*92.4*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*83.3*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4162213-1 12/26/24 06:23 • (LCSD) R4162213-2 12/26/24 06:44

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
cis-1,2-Dichloroethene	0.125	0.100	0.103	80.0	82.4	73.0-125			2.96	20
Naphthalene	0.125	0.127	0.135	102	108	59.0-130			6.11	20
(S) Toluene-d8				*113*	*111*	*75.0-131*				
(S) 4-Bromofluorobenzene				*91.3*	*91.7*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*90.8*	*90.8*	*70.0-130*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
ERO Resources Corp.
1626 Cole Blvd.
Lakewood, CO 80401

Billing Information:
Same

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE
12065 Lebanon Rd Mount Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

Report to: Jack Denman

Email To: jdenman@eroresources.com

Project Description: TSC-Thornton

City/State Collected: Thornton, CO

Please Circle: PT (MT) CT ET

SDG # 180817

H039

Table

Phone: 720-812-3576

Client Project # 24-285

Lab Project # ERORESDCO-TSCTHORN

Collected by (print): Emily True

Site/Facility ID #

P.O. #

Acctnum:

Collected by (signature):

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Standard TAT

Template:

Prelogin:

PM:

PB:

Shipped Via:

Immediately Packed on Ice N ___ Y X

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOCs 8260 4oz Clr - No Pres.	Remarks	Sample # (lab only)
MW-C-13.5	Grab	SS	13.5	12/12/24	0850	1	X		-01
MW-C-25	Grab	SS	25.0	12/12/24	0920	1	X		-02
MW-D-13.5	Grab	SS	13.5	12/12/24	1150	1	X		-03
MW-D-25	Grab	SS	25.0	12/12/24	1210	1	X		-04
MW-E-13.5	Grab	SS	13.5	12/13/24	0850	1	X		-05
MW-E-25	Grab	SS	25.0	12/13/24	0915	1	X		-06
				ET	12/13/24				

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 404754401069

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	12/13/24	1150			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
	12/13/24	1600		TLA 0.3 to 0.3	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / OK
				12/14/24 0930	

ANALYTICAL REPORT

March 19, 2025

Revised Report

ERO Resources

Sample Delivery Group:	L1820106
Samples Received:	01/25/2025
Project Number:	10197
Description:	Thornton Shopping Ctr.

Report To:

Jack Denman
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Entire Report Reviewed By:

Naomi M Sackett
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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SAMPLE SUMMARY

MW-39-14 L1820106-01 Solid

Collected by: Craig Sovka
Collected date/time: 01/24/25 12:00
Received date/time: 01/25/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2441434	1	01/28/25 09:16	01/28/25 23:53	JAH	Mt. Juliet, TN

MW-39-28 L1820106-02 Solid

Collected by: Craig Sovka
Collected date/time: 01/24/25 12:20
Received date/time: 01/25/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2441434	1	01/28/25 09:16	01/29/25 00:12	JAH	Mt. Juliet, TN

MW-39 WC L1820106-03 Solid

Collected by: Craig Sovka
Collected date/time: 01/24/25 12:35
Received date/time: 01/25/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2441434	1	01/28/25 09:16	01/29/25 00:31	JHH	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Naomi M Sackett
Project Manager

Report Revision History

Level II Report - Version 1: 01/30/25 09:43

Project Narrative

Adding compounds to -03 as per client. NS 3/19

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
1,1-Dichloroethene	U		0.000606	0.00250	1	01/28/2025 23:53	WG2441434
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/28/2025 23:53	WG2441434
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/28/2025 23:53	WG2441434
Tetrachloroethene	U		0.000896	0.00250	1	01/28/2025 23:53	WG2441434
Trichloroethene	U		0.000584	0.00100	1	01/28/2025 23:53	WG2441434
Vinyl chloride	U		0.00116	0.00250	1	01/28/2025 23:53	WG2441434
(S) Toluene-d8	*99.2*			*75.0-131*		*01/28/2025 23:53*	WG2441434
(S) 4-Bromofluorobenzene	*96.2*			*67.0-138*		*01/28/2025 23:53*	WG2441434
(S) 1,2-Dichloroethane-d4	*93.7*			*70.0-130*		*01/28/2025 23:53*	WG2441434

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
1,1-Dichloroethene	U		0.000606	0.00250	1	01/29/2025 00:12	WG2441434
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/29/2025 00:12	WG2441434
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/29/2025 00:12	WG2441434
Tetrachloroethene	U		0.000896	0.00250	1	01/29/2025 00:12	WG2441434
Trichloroethene	U		0.000584	0.00100	1	01/29/2025 00:12	WG2441434
Vinyl chloride	U		0.00116	0.00250	1	01/29/2025 00:12	WG2441434
(S) Toluene-d8	*96.7*			*75.0-131*		*01/29/2025 00:12*	WG2441434
(S) 4-Bromofluorobenzene	*92.8*			*67.0-138*		*01/29/2025 00:12*	WG2441434
(S) 1,2-Dichloroethane-d4	*93.6*			*70.0-130*		*01/29/2025 00:12*	WG2441434

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	01/29/2025 00:31	WG2441434
Acrylonitrile	U		0.00361	0.0125	1	01/29/2025 00:31	WG2441434
Benzene	U		0.000467	0.00100	1	01/29/2025 00:31	WG2441434
Bromobenzene	U		0.000900	0.0125	1	01/29/2025 00:31	WG2441434
Bromodichloromethane	U		0.000725	0.00250	1	01/29/2025 00:31	WG2441434
Bromoform	U	C3	0.00117	0.0250	1	01/29/2025 00:31	WG2441434
Bromomethane	U	C3	0.00197	0.0125	1	01/29/2025 00:31	WG2441434
n-Butylbenzene	U		0.00525	0.0125	1	01/29/2025 00:31	WG2441434
sec-Butylbenzene	U		0.00288	0.0125	1	01/29/2025 00:31	WG2441434
tert-Butylbenzene	U		0.00195	0.00500	1	01/29/2025 00:31	WG2441434
Carbon tetrachloride	U	C3	0.000898	0.00500	1	01/29/2025 00:31	WG2441434
Chlorobenzene	U		0.000210	0.00250	1	01/29/2025 00:31	WG2441434
Chlorodibromomethane	U		0.000612	0.00250	1	01/29/2025 00:31	WG2441434
Chloroethane	U	C3 J3	0.00170	0.00500	1	01/29/2025 00:31	WG2441434
Chloroform	U		0.00103	0.00250	1	01/29/2025 00:31	WG2441434
Chloromethane	U		0.00435	0.0125	1	01/29/2025 00:31	WG2441434
2-Chlorotoluene	U		0.000865	0.00250	1	01/29/2025 00:31	WG2441434
4-Chlorotoluene	U		0.000450	0.00500	1	01/29/2025 00:31	WG2441434
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	01/29/2025 00:31	WG2441434
1,2-Dibromoethane	U		0.000648	0.00250	1	01/29/2025 00:31	WG2441434
Dibromomethane	U		0.000750	0.00500	1	01/29/2025 00:31	WG2441434
1,2-Dichlorobenzene	U		0.000425	0.00500	1	01/29/2025 00:31	WG2441434
1,3-Dichlorobenzene	U		0.000600	0.00500	1	01/29/2025 00:31	WG2441434
1,4-Dichlorobenzene	U		0.000700	0.00500	1	01/29/2025 00:31	WG2441434
Dichlorodifluoromethane	U		0.00161	0.00500	1	01/29/2025 00:31	WG2441434
1,1-Dichloroethane	U		0.000491	0.00250	1	01/29/2025 00:31	WG2441434
1,2-Dichloroethane	U		0.000649	0.00250	1	01/29/2025 00:31	WG2441434
1,1-Dichloroethene	U		0.000606	0.00250	1	01/29/2025 00:31	WG2441434
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	01/29/2025 00:31	WG2441434
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	01/29/2025 00:31	WG2441434
1,2-Dichloropropane	U		0.00142	0.00500	1	01/29/2025 00:31	WG2441434
1,1-Dichloropropene	U	J3	0.000809	0.00250	1	01/29/2025 00:31	WG2441434
1,3-Dichloropropane	U		0.000501	0.00500	1	01/29/2025 00:31	WG2441434
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	01/29/2025 00:31	WG2441434
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	01/29/2025 00:31	WG2441434
2,2-Dichloropropane	U		0.00138	0.00250	1	01/29/2025 00:31	WG2441434
Di-isopropyl ether	U		0.000410	0.00100	1	01/29/2025 00:31	WG2441434
Ethylbenzene	U		0.000737	0.00250	1	01/29/2025 00:31	WG2441434
Hexachloro-1,3-butadiene	U	C3	0.00600	0.0250	1	01/29/2025 00:31	WG2441434
Isopropylbenzene	U		0.000425	0.00250	1	01/29/2025 00:31	WG2441434
p-Isopropyltoluene	U		0.00255	0.00500	1	01/29/2025 00:31	WG2441434
2-Butanone (MEK)	U		0.0635	0.100	1	01/29/2025 00:31	WG2441434
Methylene Chloride	U		0.00664	0.0250	1	01/29/2025 00:31	WG2441434
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	01/29/2025 00:31	WG2441434
Methyl tert-butyl ether	U		0.000350	0.00100	1	01/29/2025 00:31	WG2441434
Naphthalene	U		0.00488	0.0125	1	01/29/2025 00:31	WG2441434
n-Propylbenzene	U		0.000950	0.00500	1	01/29/2025 00:31	WG2441434
Styrene	U		0.000229	0.0125	1	01/29/2025 00:31	WG2441434
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	01/29/2025 00:31	WG2441434
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	01/29/2025 00:31	WG2441434
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	01/29/2025 00:31	WG2441434
Tetrachloroethene	U		0.000896	0.00250	1	01/29/2025 00:31	WG2441434
Toluene	U		0.00130	0.00500	1	01/29/2025 00:31	WG2441434
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	01/29/2025 00:31	WG2441434
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	01/29/2025 00:31	WG2441434
1,1,1-Trichloroethane	U		0.000923	0.00250	1	01/29/2025 00:31	WG2441434

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	01/29/2025 00:31	WG2441434
Trichloroethene	U		0.000584	0.00100	1	01/29/2025 00:31	WG2441434
Trichlorofluoromethane	U		0.000827	0.00250	1	01/29/2025 00:31	WG2441434
1,2,3-Trichloropropane	U		0.00162	0.0125	1	01/29/2025 00:31	WG2441434
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	01/29/2025 00:31	WG2441434
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	01/29/2025 00:31	WG2441434
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	01/29/2025 00:31	WG2441434
Vinyl chloride	U		0.00116	0.00250	1	01/29/2025 00:31	WG2441434
Xylenes, Total	U		0.000880	0.00650	1	01/29/2025 00:31	WG2441434
(S) Toluene-d8	*98.7*			*75.0-131*		*01/29/2025 00:31*	WG2441434
(S) 4-Bromofluorobenzene	*93.1*			*67.0-138*		*01/29/2025 00:31*	WG2441434
(S) 1,2-Dichloroethane-d4	*91.6*			*70.0-130*		*01/29/2025 00:31*	WG2441434

Method Blank (MB)

(MB) R4171566-3 01/28/25 21:17

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4171566-3 01/28/25 21:17

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,2,3-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*97.7*			*75.0-131*
(S) 4-Bromofluorobenzene	*98.3*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*95.0*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4171566-1 01/28/25 19:42 • (LCSD) R4171566-2 01/28/25 20:01

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.721	0.750	115	120	10.0-160			3.94	31
Acrylonitrile	0.625	0.925	0.922	148	148	45.0-153			0.325	22
Benzene	0.125	0.115	0.122	92.0	97.6	70.0-123			5.91	20
Bromobenzene	0.125	0.118	0.122	94.4	97.6	73.0-121			3.33	20
Bromodichloromethane	0.125	0.114	0.122	91.2	97.6	73.0-121			6.78	20

QUALITY CONTROL SUMMARY

L1820106-01,02,03

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4171566-1 01/28/25 19:42 • (LCSD) R4171566-2 01/28/25 20:01

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	0.125	0.0936	0.0993	74.9	79.4	64.0-132			5.91	20
Bromomethane	0.125	0.0701	0.0778	56.1	62.2	56.0-147			10.4	20
n-Butylbenzene	0.125	0.107	0.120	85.6	96.0	68.0-135			11.5	20
sec-Butylbenzene	0.125	0.109	0.122	87.2	97.6	74.0-130			11.3	20
tert-Butylbenzene	0.125	0.110	0.123	88.0	98.4	75.0-127			11.2	20
Carbon tetrachloride	0.125	0.0994	0.111	79.5	88.8	66.0-128			11.0	20
Chlorobenzene	0.125	0.104	0.110	83.2	88.0	76.0-128			5.61	20
Chlorodibromomethane	0.125	0.108	0.114	86.4	91.2	74.0-127			5.41	20
Chloroethane	0.125	0.0927	0.120	74.2	96.0	61.0-134		J3	25.7	20
Chloroform	0.125	0.105	0.113	84.0	90.4	72.0-123			7.34	20
Chloromethane	0.125	0.121	0.127	96.8	102	51.0-138			4.84	20
2-Chlorotoluene	0.125	0.126	0.132	101	106	75.0-124			4.65	20
4-Chlorotoluene	0.125	0.122	0.129	97.6	103	75.0-124			5.58	20
1,2-Dibromo-3-Chloropropane	0.125	0.113	0.117	90.4	93.6	59.0-130			3.48	20
1,2-Dibromoethane	0.125	0.116	0.120	92.8	96.0	74.0-128			3.39	20
Dibromomethane	0.125	0.117	0.117	93.6	93.6	75.0-122			0.000	20
1,2-Dichlorobenzene	0.125	0.108	0.112	86.4	89.6	76.0-124			3.64	20
1,3-Dichlorobenzene	0.125	0.107	0.114	85.6	91.2	76.0-125			6.33	20
1,4-Dichlorobenzene	0.125	0.115	0.118	92.0	94.4	77.0-121			2.58	20
Dichlorodifluoromethane	0.125	0.127	0.123	102	98.4	43.0-156			3.20	20
1,1-Dichloroethane	0.125	0.129	0.135	103	108	70.0-127			4.55	20
1,2-Dichloroethane	0.125	0.108	0.113	86.4	90.4	65.0-131			4.52	20
1,1-Dichloroethene	0.125	0.115	0.129	92.0	103	65.0-131			11.5	20
cis-1,2-Dichloroethene	0.125	0.111	0.116	88.8	92.8	73.0-125			4.41	20
trans-1,2-Dichloroethene	0.125	0.109	0.118	87.2	94.4	71.0-125			7.93	20
1,2-Dichloropropane	0.125	0.138	0.145	110	116	74.0-125			4.95	20
1,1-Dichloropropene	0.125	0.107	0.131	85.6	105	73.0-125		J3	20.2	20
1,3-Dichloropropane	0.125	0.124	0.123	99.2	98.4	80.0-125			0.810	20
cis-1,3-Dichloropropene	0.125	0.128	0.133	102	106	76.0-127			3.83	20
trans-1,3-Dichloropropene	0.125	0.123	0.130	98.4	104	73.0-127			5.53	20
2,2-Dichloropropane	0.125	0.111	0.121	88.8	96.8	59.0-135			8.62	20
Di-isopropyl ether	0.125	0.152	0.154	122	123	60.0-136			1.31	20
Ethylbenzene	0.125	0.106	0.115	84.8	92.0	74.0-126			8.14	20
Hexachloro-1,3-butadiene	0.125	0.0931	0.0992	74.5	79.4	57.0-150			6.34	20
Isopropylbenzene	0.125	0.103	0.113	82.4	90.4	72.0-127			9.26	20
p-Isopropyltoluene	0.125	0.113	0.127	90.4	102	72.0-133			11.7	20
2-Butanone (MEK)	0.625	0.838	0.855	134	137	30.0-160			2.01	24
Methylene Chloride	0.125	0.121	0.115	96.8	92.0	68.0-123			5.08	20
4-Methyl-2-pentanone (MIBK)	0.625	0.689	0.697	110	112	56.0-143			1.15	20
Methyl tert-butyl ether	0.125	0.127	0.130	102	104	66.0-132			2.33	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4171566-1 01/28/25 19:42 • (LCSD) R4171566-2 01/28/25 20:01

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.125	0.101	0.107	80.8	85.6	59.0-130			5.77	20
n-Propylbenzene	0.125	0.110	0.123	88.0	98.4	74.0-126			11.2	20
Styrene	0.125	0.109	0.117	87.2	93.6	72.0-127			7.08	20
1,1,1,2-Tetrachloroethane	0.125	0.105	0.109	84.0	87.2	74.0-129			3.74	20
1,1,2,2-Tetrachloroethane	0.125	0.140	0.145	112	116	68.0-128			3.51	20
1,1,2-Trichlorotrifluoroethane	0.125	0.104	0.121	83.2	96.8	61.0-139			15.1	20
Tetrachloroethene	0.125	0.103	0.115	82.4	92.0	70.0-136			11.0	20
Toluene	0.125	0.106	0.114	84.8	91.2	75.0-121			7.27	20
1,2,3-Trichlorobenzene	0.125	0.106	0.105	84.8	84.0	59.0-139			0.948	20
1,2,4-Trichlorobenzene	0.125	0.0996	0.106	79.7	84.8	62.0-137			6.23	20
1,1,1-Trichloroethane	0.125	0.104	0.117	83.2	93.6	69.0-126			11.8	20
1,1,2-Trichloroethane	0.125	0.117	0.119	93.6	95.2	78.0-123			1.69	20
Trichloroethene	0.125	0.109	0.123	87.2	98.4	76.0-126			12.1	20
Trichlorofluoromethane	0.125	0.117	0.139	93.6	111	61.0-142			17.2	20
1,2,3-Trichloropropane	0.125	0.142	0.139	114	111	67.0-129			2.14	20
1,2,4-Trimethylbenzene	0.125	0.118	0.129	94.4	103	70.0-126			8.91	20
1,2,3-Trimethylbenzene	0.125	0.118	0.124	94.4	99.2	74.0-124			4.96	20
1,3,5-Trimethylbenzene	0.125	0.114	0.125	91.2	100	73.0-127			9.21	20
Vinyl chloride	0.125	0.120	0.131	96.0	105	63.0-134			8.76	20
Xylenes, Total	0.375	0.312	0.334	83.2	89.1	72.0-127			6.81	20
(S) Toluene-d8				*95.0*	*96.1*	*75.0-131*				
(S) 4-Bromofluorobenzene				*96.6*	*96.8*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*99.7*	*95.1*	*70.0-130*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J3	The associated batch QC was outside the established quality control range for precision.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address: ERO Resources, 1626 Cole Blvd, Ste 100, Lakewood, CO 80401

Billing Information: same

Report to: rlenman@eroresources.com

Email To: same

Project Description: Thornton SC

City/State Collected: Thornton, CO

Please Circle: PT MT CT ET

Phone: 3038381188

Client Project # 24260

Lab Project # 171202

Collected by (print): Craig Sovka

Site/Facility ID #

P.O. #

Collected by (signature): Craig Sovka

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 171202

Date Results Needed: std

Analysis / Container / Preservative: 1 VOCs 8260

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	Remarks	Sample # (lab only)
MW-39-14	G	SS		1/24/25	1200	1		-01
MW-39-28	G	↓			1220	1		-02
MW-39 WC	G	↓		↓	1255	1		-03

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

12065 Lebanon Rd Mount Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1672006

C159

Acctnum: ERORESDEN CO

Template: 171202-Thornton

Prelogin:

PM: JordanDozier

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 4301 1542 7349

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: X Y __N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
Craig Sovka	1/24/25	1635	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)
	1-24-25	1800	FedEx
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)
			Ashley Barker

Trip Blank Received: Yes / No (No)
HCL / MeoH
TBR

Temp: °C Bottles Received:
ECO9 1.3+0.4=1.7 3

Date: 01/25/2025 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ANALYTICAL REPORT

February 18, 2025

ERO Resources

Sample Delivery Group:	L1824976
Samples Received:	02/08/2025
Project Number:	
Description:	Thornton Shopping Center

Report To:

Jack Denman
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Entire Report Reviewed By:

Naomi M Sackett
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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SAMPLE SUMMARY

MW-37@10' L1824976-01 Solid

Collected by: Kate F.
Collected date/time: 02/07/25 09:48
Received date/time: 02/08/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2451875	1	02/11/25 08:34	02/14/25 14:05	JTO	Mt. Juliet, TN

MW-37-WC L1824976-02 Solid

Collected by: Kate F.
Collected date/time: 02/07/25 13:26
Received date/time: 02/08/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2451875	1	02/11/25 08:34	02/14/25 14:25	JTO	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Naomi M Sackett
Project Manager

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	02/14/2025 14:05	WG2451875
Acrylonitrile	U		0.00361	0.0125	1	02/14/2025 14:05	WG2451875
Benzene	U		0.000467	0.00100	1	02/14/2025 14:05	WG2451875
Bromobenzene	U		0.000900	0.0125	1	02/14/2025 14:05	WG2451875
Bromodichloromethane	U		0.000725	0.00250	1	02/14/2025 14:05	WG2451875
Bromoform	U		0.00117	0.0250	1	02/14/2025 14:05	WG2451875
Bromomethane	U		0.00197	0.0125	1	02/14/2025 14:05	WG2451875
n-Butylbenzene	U		0.00525	0.0125	1	02/14/2025 14:05	WG2451875
sec-Butylbenzene	U		0.00288	0.0125	1	02/14/2025 14:05	WG2451875
tert-Butylbenzene	U		0.00195	0.00500	1	02/14/2025 14:05	WG2451875
Carbon tetrachloride	U		0.000898	0.00500	1	02/14/2025 14:05	WG2451875
Chlorobenzene	U		0.000210	0.00250	1	02/14/2025 14:05	WG2451875
Chlorodibromomethane	U		0.000612	0.00250	1	02/14/2025 14:05	WG2451875
Chloroethane	U		0.00170	0.00500	1	02/14/2025 14:05	WG2451875
Chloroform	U		0.00103	0.00250	1	02/14/2025 14:05	WG2451875
Chloromethane	U		0.00435	0.0125	1	02/14/2025 14:05	WG2451875
2-Chlorotoluene	U		0.000865	0.00250	1	02/14/2025 14:05	WG2451875
4-Chlorotoluene	U		0.000450	0.00500	1	02/14/2025 14:05	WG2451875
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	02/14/2025 14:05	WG2451875
1,2-Dibromoethane	U		0.000648	0.00250	1	02/14/2025 14:05	WG2451875
Dibromomethane	U		0.000750	0.00500	1	02/14/2025 14:05	WG2451875
1,2-Dichlorobenzene	U		0.000425	0.00500	1	02/14/2025 14:05	WG2451875
1,3-Dichlorobenzene	U		0.000600	0.00500	1	02/14/2025 14:05	WG2451875
1,4-Dichlorobenzene	U		0.000700	0.00500	1	02/14/2025 14:05	WG2451875
Dichlorodifluoromethane	U		0.00161	0.00500	1	02/14/2025 14:05	WG2451875
1,1-Dichloroethane	U		0.000491	0.00250	1	02/14/2025 14:05	WG2451875
1,2-Dichloroethane	U		0.000649	0.00250	1	02/14/2025 14:05	WG2451875
1,1-Dichloroethene	U		0.000606	0.00250	1	02/14/2025 14:05	WG2451875
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	02/14/2025 14:05	WG2451875
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	02/14/2025 14:05	WG2451875
1,2-Dichloropropane	U		0.00142	0.00500	1	02/14/2025 14:05	WG2451875
1,1-Dichloropropene	U		0.000809	0.00250	1	02/14/2025 14:05	WG2451875
1,3-Dichloropropane	U		0.000501	0.00500	1	02/14/2025 14:05	WG2451875
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	02/14/2025 14:05	WG2451875
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	02/14/2025 14:05	WG2451875
2,2-Dichloropropane	U		0.00138	0.00250	1	02/14/2025 14:05	WG2451875
Di-isopropyl ether	U		0.000410	0.00100	1	02/14/2025 14:05	WG2451875
Ethylbenzene	U		0.000737	0.00250	1	02/14/2025 14:05	WG2451875
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	02/14/2025 14:05	WG2451875
Isopropylbenzene	U		0.000425	0.00250	1	02/14/2025 14:05	WG2451875
p-Isopropyltoluene	U		0.00255	0.00500	1	02/14/2025 14:05	WG2451875
2-Butanone (MEK)	U		0.0635	0.100	1	02/14/2025 14:05	WG2451875
Methylene Chloride	U		0.00664	0.0250	1	02/14/2025 14:05	WG2451875
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	02/14/2025 14:05	WG2451875
Methyl tert-butyl ether	U		0.000350	0.00100	1	02/14/2025 14:05	WG2451875
Naphthalene	U		0.00488	0.0125	1	02/14/2025 14:05	WG2451875
n-Propylbenzene	U		0.000950	0.00500	1	02/14/2025 14:05	WG2451875
Styrene	U		0.000229	0.0125	1	02/14/2025 14:05	WG2451875
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	02/14/2025 14:05	WG2451875
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	02/14/2025 14:05	WG2451875
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	02/14/2025 14:05	WG2451875
Tetrachloroethene	U		0.000896	0.00250	1	02/14/2025 14:05	WG2451875
Toluene	U		0.00130	0.00500	1	02/14/2025 14:05	WG2451875
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	02/14/2025 14:05	WG2451875
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	02/14/2025 14:05	WG2451875
1,1,1-Trichloroethane	U		0.000923	0.00250	1	02/14/2025 14:05	WG2451875

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	02/14/2025 14:05	WG2451875
Trichloroethene	U		0.000584	0.00100	1	02/14/2025 14:05	WG2451875
Trichlorofluoromethane	U		0.000827	0.00250	1	02/14/2025 14:05	WG2451875
1,2,3-Trichloropropane	U		0.00162	0.0125	1	02/14/2025 14:05	WG2451875
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	02/14/2025 14:05	WG2451875
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	02/14/2025 14:05	WG2451875
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	02/14/2025 14:05	WG2451875
Vinyl chloride	U		0.00116	0.00250	1	02/14/2025 14:05	WG2451875
Xylenes, Total	U		0.000880	0.00650	1	02/14/2025 14:05	WG2451875
(S) Toluene-d8	*104*			*75.0-131*		*02/14/2025 14:05*	WG2451875
(S) 4-Bromofluorobenzene	*99.0*			*67.0-138*		*02/14/2025 14:05*	WG2451875
(S) 1,2-Dichloroethane-d4	*89.1*			*70.0-130*		*02/14/2025 14:05*	WG2451875

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	U		0.0365	0.0500	1	02/14/2025 14:25	WG2451875
Acrylonitrile	U		0.00361	0.0125	1	02/14/2025 14:25	WG2451875
Benzene	U		0.000467	0.00100	1	02/14/2025 14:25	WG2451875
Bromobenzene	U		0.000900	0.0125	1	02/14/2025 14:25	WG2451875
Bromodichloromethane	U		0.000725	0.00250	1	02/14/2025 14:25	WG2451875
Bromoform	U		0.00117	0.0250	1	02/14/2025 14:25	WG2451875
Bromomethane	U		0.00197	0.0125	1	02/14/2025 14:25	WG2451875
n-Butylbenzene	U		0.00525	0.0125	1	02/14/2025 14:25	WG2451875
sec-Butylbenzene	U		0.00288	0.0125	1	02/14/2025 14:25	WG2451875
tert-Butylbenzene	U		0.00195	0.00500	1	02/14/2025 14:25	WG2451875
Carbon tetrachloride	U		0.000898	0.00500	1	02/14/2025 14:25	WG2451875
Chlorobenzene	U		0.000210	0.00250	1	02/14/2025 14:25	WG2451875
Chlorodibromomethane	U		0.000612	0.00250	1	02/14/2025 14:25	WG2451875
Chloroethane	U		0.00170	0.00500	1	02/14/2025 14:25	WG2451875
Chloroform	U		0.00103	0.00250	1	02/14/2025 14:25	WG2451875
Chloromethane	U		0.00435	0.0125	1	02/14/2025 14:25	WG2451875
2-Chlorotoluene	U		0.000865	0.00250	1	02/14/2025 14:25	WG2451875
4-Chlorotoluene	U		0.000450	0.00500	1	02/14/2025 14:25	WG2451875
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250	1	02/14/2025 14:25	WG2451875
1,2-Dibromoethane	U		0.000648	0.00250	1	02/14/2025 14:25	WG2451875
Dibromomethane	U		0.000750	0.00500	1	02/14/2025 14:25	WG2451875
1,2-Dichlorobenzene	U		0.000425	0.00500	1	02/14/2025 14:25	WG2451875
1,3-Dichlorobenzene	U		0.000600	0.00500	1	02/14/2025 14:25	WG2451875
1,4-Dichlorobenzene	U		0.000700	0.00500	1	02/14/2025 14:25	WG2451875
Dichlorodifluoromethane	U		0.00161	0.00500	1	02/14/2025 14:25	WG2451875
1,1-Dichloroethane	U		0.000491	0.00250	1	02/14/2025 14:25	WG2451875
1,2-Dichloroethane	U		0.000649	0.00250	1	02/14/2025 14:25	WG2451875
1,1-Dichloroethene	U		0.000606	0.00250	1	02/14/2025 14:25	WG2451875
cis-1,2-Dichloroethene	U		0.000734	0.00250	1	02/14/2025 14:25	WG2451875
trans-1,2-Dichloroethene	U		0.00104	0.00500	1	02/14/2025 14:25	WG2451875
1,2-Dichloropropane	U		0.00142	0.00500	1	02/14/2025 14:25	WG2451875
1,1-Dichloropropene	U		0.000809	0.00250	1	02/14/2025 14:25	WG2451875
1,3-Dichloropropane	U		0.000501	0.00500	1	02/14/2025 14:25	WG2451875
cis-1,3-Dichloropropene	U		0.000757	0.00250	1	02/14/2025 14:25	WG2451875
trans-1,3-Dichloropropene	U		0.00114	0.00500	1	02/14/2025 14:25	WG2451875
2,2-Dichloropropane	U		0.00138	0.00250	1	02/14/2025 14:25	WG2451875
Di-isopropyl ether	U		0.000410	0.00100	1	02/14/2025 14:25	WG2451875
Ethylbenzene	U		0.000737	0.00250	1	02/14/2025 14:25	WG2451875
Hexachloro-1,3-butadiene	U		0.00600	0.0250	1	02/14/2025 14:25	WG2451875
Isopropylbenzene	U		0.000425	0.00250	1	02/14/2025 14:25	WG2451875
p-Isopropyltoluene	U		0.00255	0.00500	1	02/14/2025 14:25	WG2451875
2-Butanone (MEK)	U		0.0635	0.100	1	02/14/2025 14:25	WG2451875
Methylene Chloride	U		0.00664	0.0250	1	02/14/2025 14:25	WG2451875
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250	1	02/14/2025 14:25	WG2451875
Methyl tert-butyl ether	U		0.000350	0.00100	1	02/14/2025 14:25	WG2451875
Naphthalene	U		0.00488	0.0125	1	02/14/2025 14:25	WG2451875
n-Propylbenzene	U		0.000950	0.00500	1	02/14/2025 14:25	WG2451875
Styrene	U		0.000229	0.0125	1	02/14/2025 14:25	WG2451875
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250	1	02/14/2025 14:25	WG2451875
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250	1	02/14/2025 14:25	WG2451875
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250	1	02/14/2025 14:25	WG2451875
Tetrachloroethene	U		0.000896	0.00250	1	02/14/2025 14:25	WG2451875
Toluene	0.00135	J	0.00130	0.00500	1	02/14/2025 14:25	WG2451875
1,2,3-Trichlorobenzene	U		0.00733	0.0125	1	02/14/2025 14:25	WG2451875
1,2,4-Trichlorobenzene	U		0.00440	0.0125	1	02/14/2025 14:25	WG2451875
1,1,1-Trichloroethane	U		0.000923	0.00250	1	02/14/2025 14:25	WG2451875

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	MDL mg/kg	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	U		0.000597	0.00250	1	02/14/2025 14:25	WG2451875
Trichloroethene	U		0.000584	0.00100	1	02/14/2025 14:25	WG2451875
Trichlorofluoromethane	U		0.000827	0.00250	1	02/14/2025 14:25	WG2451875
1,2,3-Trichloropropane	U		0.00162	0.0125	1	02/14/2025 14:25	WG2451875
1,2,4-Trimethylbenzene	U		0.00158	0.00500	1	02/14/2025 14:25	WG2451875
1,2,3-Trimethylbenzene	U		0.00158	0.00500	1	02/14/2025 14:25	WG2451875
1,3,5-Trimethylbenzene	U		0.00200	0.00500	1	02/14/2025 14:25	WG2451875
Vinyl chloride	U		0.00116	0.00250	1	02/14/2025 14:25	WG2451875
Xylenes, Total	U		0.000880	0.00650	1	02/14/2025 14:25	WG2451875
(S) Toluene-d8	*102*			*75.0-131*		*02/14/2025 14:25*	WG2451875
(S) 4-Bromofluorobenzene	*98.4*			*67.0-138*		*02/14/2025 14:25*	WG2451875
(S) 1,2-Dichloroethane-d4	*87.3*			*70.0-130*		*02/14/2025 14:25*	WG2451875

Method Blank (MB)

(MB) R4176801-3 02/14/25 09:59

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0365	0.0500
Acrylonitrile	U		0.00361	0.0125
Benzene	U		0.000467	0.00100
Bromobenzene	U		0.000900	0.0125
Bromodichloromethane	U		0.000725	0.00250
Bromoform	U		0.00117	0.0250
Bromomethane	U		0.00197	0.0125
n-Butylbenzene	U		0.00525	0.0125
sec-Butylbenzene	U		0.00288	0.0125
tert-Butylbenzene	U		0.00195	0.00500
Carbon tetrachloride	U		0.000898	0.00500
Chlorobenzene	U		0.000210	0.00250
Chlorodibromomethane	U		0.000612	0.00250
Chloroethane	U		0.00170	0.00500
Chloroform	U		0.00103	0.00250
Chloromethane	U		0.00435	0.0125
2-Chlorotoluene	U		0.000865	0.00250
4-Chlorotoluene	U		0.000450	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00390	0.0250
1,2-Dibromoethane	U		0.000648	0.00250
Dibromomethane	U		0.000750	0.00500
1,2-Dichlorobenzene	U		0.000425	0.00500
1,3-Dichlorobenzene	U		0.000600	0.00500
1,4-Dichlorobenzene	U		0.000700	0.00500
Dichlorodifluoromethane	U		0.00161	0.00500
1,1-Dichloroethane	U		0.000491	0.00250
1,2-Dichloroethane	U		0.000649	0.00250
1,1-Dichloroethene	U		0.000606	0.00250
cis-1,2-Dichloroethene	U		0.000734	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00142	0.00500
1,1-Dichloropropene	U		0.000809	0.00250
1,3-Dichloropropane	U		0.000501	0.00500
cis-1,3-Dichloropropene	U		0.000757	0.00250
trans-1,3-Dichloropropene	U		0.00114	0.00500
2,2-Dichloropropane	U		0.00138	0.00250
Di-isopropyl ether	U		0.000410	0.00100
Ethylbenzene	U		0.000737	0.00250
Hexachloro-1,3-butadiene	U		0.00600	0.0250
Isopropylbenzene	U		0.000425	0.00250

Method Blank (MB)

(MB) R4176801-3 02/14/25 09:59

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00255	0.00500
2-Butanone (MEK)	U		0.0635	0.100
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00228	0.0250
Methyl tert-butyl ether	U		0.000350	0.00100
Naphthalene	U		0.00488	0.0125
n-Propylbenzene	U		0.000950	0.00500
Styrene	U		0.000229	0.0125
1,1,1,2-Tetrachloroethane	U		0.000948	0.00250
1,1,2,2-Tetrachloroethane	U		0.000695	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.000754	0.00250
Tetrachloroethene	U		0.000896	0.00250
Toluene	U		0.00130	0.00500
1,2,3-Trichlorobenzene	U		0.00733	0.0125
1,2,4-Trichlorobenzene	U		0.00440	0.0125
1,1,1-Trichloroethane	U		0.000923	0.00250
1,1,2-Trichloroethane	U		0.000597	0.00250
Trichloroethene	U		0.000584	0.00100
Trichlorofluoromethane	U		0.000827	0.00250
1,2,3-Trichloropropane	U		0.00162	0.0125
1,2,4-Trimethylbenzene	U		0.00158	0.00500
1,2,3-Trimethylbenzene	U		0.00158	0.00500
1,3,5-Trimethylbenzene	U		0.00200	0.00500
Vinyl chloride	U		0.00116	0.00250
Xylenes, Total	U		0.000880	0.00650
(S) Toluene-d8	*103*			*75.0-131*
(S) 4-Bromofluorobenzene	*101*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*92.1*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4176801-1 02/14/25 08:17 • (LCSD) R4176801-2 02/14/25 08:38

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.687	0.589	110	94.2	10.0-160			15.4	31
Acrylonitrile	0.625	0.660	0.617	106	98.7	45.0-153			6.73	22
Benzene	0.125	0.132	0.116	106	92.8	70.0-123			12.9	20
Bromobenzene	0.125	0.133	0.121	106	96.8	73.0-121			9.45	20
Bromodichloromethane	0.125	0.130	0.113	104	90.4	73.0-121			14.0	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4176801-1 02/14/25 08:17 • (LCSD) R4176801-2 02/14/25 08:38

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	0.125	0.133	0.121	106	96.8	64.0-132			9.45	20
Bromomethane	0.125	0.131	0.127	105	102	56.0-147			3.10	20
n-Butylbenzene	0.125	0.120	0.111	96.0	88.8	68.0-135			7.79	20
sec-Butylbenzene	0.125	0.124	0.116	99.2	92.8	74.0-130			6.67	20
tert-Butylbenzene	0.125	0.123	0.113	98.4	90.4	75.0-127			8.47	20
Carbon tetrachloride	0.125	0.131	0.119	105	95.2	66.0-128			9.60	20
Chlorobenzene	0.125	0.128	0.118	102	94.4	76.0-128			8.13	20
Chlorodibromomethane	0.125	0.130	0.121	104	96.8	74.0-127			7.17	20
Chloroethane	0.125	0.135	0.117	108	93.6	61.0-134			14.3	20
Chloroform	0.125	0.134	0.121	107	96.8	72.0-123			10.2	20
Chloromethane	0.125	0.115	0.0982	92.0	78.6	51.0-138			15.8	20
2-Chlorotoluene	0.125	0.127	0.112	102	89.6	75.0-124			12.6	20
4-Chlorotoluene	0.125	0.120	0.111	96.0	88.8	75.0-124			7.79	20
1,2-Dibromo-3-Chloropropane	0.125	0.134	0.118	107	94.4	59.0-130			12.7	20
1,2-Dibromoethane	0.125	0.131	0.121	105	96.8	74.0-128			7.94	20
Dibromomethane	0.125	0.129	0.117	103	93.6	75.0-122			9.76	20
1,2-Dichlorobenzene	0.125	0.123	0.113	98.4	90.4	76.0-124			8.47	20
1,3-Dichlorobenzene	0.125	0.120	0.109	96.0	87.2	76.0-125			9.61	20
1,4-Dichlorobenzene	0.125	0.121	0.114	96.8	91.2	77.0-121			5.96	20
Dichlorodifluoromethane	0.125	0.118	0.109	94.4	87.2	43.0-156			7.93	20
1,1-Dichloroethane	0.125	0.120	0.110	96.0	88.0	70.0-127			8.70	20
1,2-Dichloroethane	0.125	0.118	0.101	94.4	80.8	65.0-131			15.5	20
1,1-Dichloroethene	0.125	0.129	0.117	103	93.6	65.0-131			9.76	20
cis-1,2-Dichloroethene	0.125	0.146	0.131	117	105	73.0-125			10.8	20
trans-1,2-Dichloroethene	0.125	0.135	0.123	108	98.4	71.0-125			9.30	20
1,2-Dichloropropane	0.125	0.125	0.110	100	88.0	74.0-125			12.8	20
1,1-Dichloropropene	0.125	0.139	0.121	111	96.8	73.0-125			13.8	20
1,3-Dichloropropane	0.125	0.135	0.122	108	97.6	80.0-125			10.1	20
cis-1,3-Dichloropropene	0.125	0.118	0.109	94.4	87.2	76.0-127			7.93	20
trans-1,3-Dichloropropene	0.125	0.123	0.115	98.4	92.0	73.0-127			6.72	20
2,2-Dichloropropane	0.125	0.113	0.103	90.4	82.4	59.0-135			9.26	20
Di-isopropyl ether	0.125	0.116	0.105	92.8	84.0	60.0-136			9.95	20
Ethylbenzene	0.125	0.132	0.119	106	95.2	74.0-126			10.4	20
Hexachloro-1,3-butadiene	0.125	0.112	0.108	89.6	86.4	57.0-150			3.64	20
Isopropylbenzene	0.125	0.132	0.120	106	96.0	72.0-127			9.52	20
p-Isopropyltoluene	0.125	0.124	0.120	99.2	96.0	72.0-133			3.28	20
2-Butanone (MEK)	0.625	0.695	0.621	111	99.4	30.0-160			11.2	24
Methylene Chloride	0.125	0.127	0.113	102	90.4	68.0-123			11.7	20
4-Methyl-2-pentanone (MIBK)	0.625	0.639	0.594	102	95.0	56.0-143			7.30	20
Methyl tert-butyl ether	0.125	0.134	0.123	107	98.4	66.0-132			8.56	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4176801-1 02/14/25 08:17 • (LCSD) R4176801-2 02/14/25 08:38

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.125	0.123	0.113	98.4	90.4	59.0-130			8.47	20
n-Propylbenzene	0.125	0.125	0.115	100	92.0	74.0-126			8.33	20
Styrene	0.125	0.119	0.112	95.2	89.6	72.0-127			6.06	20
1,1,1,2-Tetrachloroethane	0.125	0.141	0.127	113	102	74.0-129			10.4	20
1,1,2,2-Tetrachloroethane	0.125	0.131	0.127	105	102	68.0-128			3.10	20
1,1,2-Trichlorotrifluoroethane	0.125	0.122	0.119	97.6	95.2	61.0-139			2.49	20
Tetrachloroethene	0.125	0.144	0.128	115	102	70.0-136			11.8	20
Toluene	0.125	0.131	0.121	105	96.8	75.0-121			7.94	20
1,2,3-Trichlorobenzene	0.125	0.118	0.107	94.4	85.6	59.0-139			9.78	20
1,2,4-Trichlorobenzene	0.125	0.127	0.116	102	92.8	62.0-137			9.05	20
1,1,1-Trichloroethane	0.125	0.133	0.121	106	96.8	69.0-126			9.45	20
1,1,2-Trichloroethane	0.125	0.129	0.116	103	92.8	78.0-123			10.6	20
Trichloroethene	0.125	0.141	0.124	113	99.2	76.0-126			12.8	20
Trichlorofluoromethane	0.125	0.144	0.135	115	108	61.0-142			6.45	20
1,2,3-Trichloropropane	0.125	0.127	0.132	102	106	67.0-129			3.86	20
1,2,4-Trimethylbenzene	0.125	0.122	0.110	97.6	88.0	70.0-126			10.3	20
1,2,3-Trimethylbenzene	0.125	0.119	0.110	95.2	88.0	74.0-124			7.86	20
1,3,5-Trimethylbenzene	0.125	0.118	0.110	94.4	88.0	73.0-127			7.02	20
Vinyl chloride	0.125	0.139	0.120	111	96.0	63.0-134			14.7	20
Xylenes, Total	0.375	0.397	0.362	106	96.5	72.0-127			9.22	20
(S) Toluene-d8				*102*	*104*	*75.0-131*				
(S) 4-Bromofluorobenzene				*99.2*	*97.9*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*94.6*	*92.7*	*70.0-130*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

PNDCO

Company Name/Address: ERO Resources, 1626 Cole Blvd, Suite 100, Lakewood, CO 80401

Billing Information: SAME

Pres Chk

Report to: Jack Denman

Email To: JDenman@eroresources.com

Project Description: Thornton Shopping Center

City/State Collected: Thornton, CO

Please Circle: PT (MT) CT ET

Phone: 303-830-1188

Client Project #

Lab Project #

Collected by (print): Kate Formanek

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Standard

No. of Cntrs

Analysis / Container / Preservative: VOCs 8260

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOCs 8260
MW-37@10'	Grab	SS		2/7/25	0948	1	X
MW-37-WC	Comp	SS		2/7/25	1326	1	X

Chain of Custody Page ___ of ___

Pace
PEOPLE ADVANCING SCIENCE

12065 Lebanon Rd Mount Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

L1824976

SDG # L1821904 2/18/25

Ta 1024

Acctnum: ERORESDCO
Template: T267334
Prelogin: P1128284
PM: Jordan Dozier
PB:

Shipped Via:

Remarks	Sample # (lab only)
	-01
	-02

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier __ _____

Tracking # 1301 1542 7842

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
	2/7/25	1407			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 2	If preservation required by Login: Date/Time
	2/7/25	1600	FedEx	ERAD 3.0 +0.4 = 3.4	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 2-8-25 Time: 0900	Hold: / Condition: NCF / OK

Appendix D Laboratory Sheets – Groundwater Samples

ANALYTICAL REPORT

February 03, 2025

ERO Resources

Sample Delivery Group:	L1821018
Samples Received:	01/29/2025
Project Number:	
Description:	TSC-Thornton

Report To:

Jack Denman
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Entire Report Reviewed By: J Dozier

Jordan Dozier
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

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MW-17 L1821018-01 GW

			Collected by	Collected date/time	Received date/time	
				01/27/25 11:56	01/29/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2442821	1	01/30/25 16:03	01/30/25 16:03	DYW	Mt. Juliet, TN

MW-22 L1821018-02 GW

			Collected by	Collected date/time	Received date/time	
				01/27/25 12:31	01/29/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2442821	1	01/30/25 16:25	01/30/25 16:25	DYW	Mt. Juliet, TN

MW-21 L1821018-03 GW

			Collected by	Collected date/time	Received date/time	
				01/27/25 13:00	01/29/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2442821	1	01/30/25 16:46	01/30/25 16:46	DYW	Mt. Juliet, TN

MW-40 L1821018-04 GW

			Collected by	Collected date/time	Received date/time	
				01/27/25 13:35	01/29/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2442821	1	01/30/25 17:08	01/30/25 17:08	DYW	Mt. Juliet, TN

MW-01 L1821018-05 GW

			Collected by	Collected date/time	Received date/time	
				01/27/25 13:50	01/29/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2442821	1	01/30/25 17:30	01/30/25 17:30	DYW	Mt. Juliet, TN

MW-41 L1821018-06 GW

			Collected by	Collected date/time	Received date/time	
				01/27/25 14:05	01/29/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2442821	1	01/30/25 17:51	01/30/25 17:51	DYW	Mt. Juliet, TN

MW-05 L1821018-07 GW

			Collected by	Collected date/time	Received date/time	
				01/27/25 14:05	01/29/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2442821	1	01/30/25 18:13	01/30/25 18:13	DYW	Mt. Juliet, TN

MW-26D L1821018-08 GW

			Collected by	Collected date/time	Received date/time	
				01/27/25 14:20	01/29/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2442017	5	01/31/25 00:21	01/31/25 00:21	DLH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2442821	1	01/30/25 18:34	01/30/25 18:34	DYW	Mt. Juliet, TN

MW-42 L1821018-09 GW

Collected by	Collected date/time	Received date/time
	01/27/25 14:46	01/29/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2442821	1	01/30/25 18:56	01/30/25 18:56	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2443851	20	02/01/25 16:16	02/01/25 16:16	DYW	Mt. Juliet, TN

MW-43 L1821018-10 GW

Collected by	Collected date/time	Received date/time
	01/27/25 15:16	01/29/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2442821	1	01/30/25 19:17	01/30/25 19:17	DYW	Mt. Juliet, TN

MW-44 L1821018-11 GW

Collected by	Collected date/time	Received date/time
	01/27/25 15:42	01/29/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2442821	1	01/30/25 19:39	01/30/25 19:39	DYW	Mt. Juliet, TN

MW-08 L1821018-12 GW

Collected by	Collected date/time	Received date/time
	01/28/25 09:11	01/29/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2442821	1	01/30/25 20:01	01/30/25 20:01	DYW	Mt. Juliet, TN

MW-23 L1821018-13 GW

Collected by	Collected date/time	Received date/time
	01/28/25 09:40	01/29/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2442017	5	01/31/25 00:34	01/31/25 00:34	DLH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2442821	1	01/30/25 20:22	01/30/25 20:22	DYW	Mt. Juliet, TN

MW-28 L1821018-14 GW

Collected by	Collected date/time	Received date/time
	01/28/25 10:19	01/29/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2442821	1	01/30/25 20:44	01/30/25 20:44	DYW	Mt. Juliet, TN

MW-32 L1821018-15 GW

Collected by	Collected date/time	Received date/time
	01/28/25 10:53	01/29/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2442974	1	01/30/25 18:41	01/30/25 18:41	DYW	Mt. Juliet, TN

MW-31 L1821018-16 GW

Collected by	Collected date/time	Received date/time
	01/28/25 11:23	01/29/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2442974	1	01/30/25 19:01	01/30/25 19:01	DYW	Mt. Juliet, TN

MW-03 L1821018-17 GW

			Collected by	Collected date/time	Received date/time	
				01/28/25 12:00	01/29/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2442974	1	01/30/25 19:21	01/30/25 19:21	DYW	Mt. Juliet, TN

MW-33 L1821018-18 GW

			Collected by	Collected date/time	Received date/time	
				01/28/25 12:50	01/29/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2442974	1	01/30/25 19:42	01/30/25 19:42	DYW	Mt. Juliet, TN

MW-45 40-45 L1821018-19 GW

			Collected by	Collected date/time	Received date/time	
				01/28/25 09:30	01/29/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2442974	1	01/30/25 20:02	01/30/25 20:02	DYW	Mt. Juliet, TN

MW-45 48-53 L1821018-20 GW

			Collected by	Collected date/time	Received date/time	
				01/28/25 10:55	01/29/25 09:00	
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2442974	1	01/30/25 20:22	01/30/25 20:22	DYW	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Jordan Dozier
Project Manager

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	01/30/2025 16:03	WG2442821
Trichloroethene	U		0.000190	0.00100	1	01/30/2025 16:03	WG2442821
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	01/30/2025 16:03	WG2442821
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/30/2025 16:03	WG2442821
1,1-Dichloroethene	U		0.000188	0.00100	1	01/30/2025 16:03	WG2442821
Vinyl chloride	U		0.000234	0.00100	1	01/30/2025 16:03	WG2442821
(S) Toluene-d8	*98.8*			*80.0-120*		*01/30/2025 16:03*	WG2442821
(S) 4-Bromofluorobenzene	*91.1*			*77.0-126*		*01/30/2025 16:03*	WG2442821
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*		*01/30/2025 16:03*	WG2442821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.000600	J	0.000300	0.00100	1	01/30/2025 16:25	WG2442821
Trichloroethene	U		0.000190	0.00100	1	01/30/2025 16:25	WG2442821
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	01/30/2025 16:25	WG2442821
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/30/2025 16:25	WG2442821
1,1-Dichloroethene	U		0.000188	0.00100	1	01/30/2025 16:25	WG2442821
Vinyl chloride	U		0.000234	0.00100	1	01/30/2025 16:25	WG2442821
(S) Toluene-d8	*103*			*80.0-120*		*01/30/2025 16:25*	WG2442821
(S) 4-Bromofluorobenzene	*92.1*			*77.0-126*		*01/30/2025 16:25*	WG2442821
(S) 1,2-Dichloroethane-d4	*121*			*70.0-130*		*01/30/2025 16:25*	WG2442821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	01/30/2025 16:46	WG2442821
Trichloroethene	U		0.000190	0.00100	1	01/30/2025 16:46	WG2442821
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	01/30/2025 16:46	WG2442821
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/30/2025 16:46	WG2442821
1,1-Dichloroethene	U		0.000188	0.00100	1	01/30/2025 16:46	WG2442821
Vinyl chloride	U		0.000234	0.00100	1	01/30/2025 16:46	WG2442821
(S) Toluene-d8	*102*			*80.0-120*		*01/30/2025 16:46*	WG2442821
(S) 4-Bromofluorobenzene	*88.5*			*77.0-126*		*01/30/2025 16:46*	WG2442821
(S) 1,2-Dichloroethane-d4	*119*			*70.0-130*		*01/30/2025 16:46*	WG2442821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.0722		0.000300	0.00100	1	01/30/2025 17:08	WG2442821
Trichloroethene	0.00208		0.000190	0.00100	1	01/30/2025 17:08	WG2442821
cis-1,2-Dichloroethene	0.00150		0.000126	0.00100	1	01/30/2025 17:08	WG2442821
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/30/2025 17:08	WG2442821
1,1-Dichloroethene	U		0.000188	0.00100	1	01/30/2025 17:08	WG2442821
Vinyl chloride	U		0.000234	0.00100	1	01/30/2025 17:08	WG2442821
(S) Toluene-d8	*101*			*80.0-120*		*01/30/2025 17:08*	WG2442821
(S) 4-Bromofluorobenzene	*91.9*			*77.0-126*		*01/30/2025 17:08*	WG2442821
(S) 1,2-Dichloroethane-d4	*123*			*70.0-130*		*01/30/2025 17:08*	WG2442821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	01/30/2025 17:30	WG2442821
Trichloroethene	U		0.000190	0.00100	1	01/30/2025 17:30	WG2442821
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	01/30/2025 17:30	WG2442821
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/30/2025 17:30	WG2442821
1,1-Dichloroethene	U		0.000188	0.00100	1	01/30/2025 17:30	WG2442821
Vinyl chloride	U		0.000234	0.00100	1	01/30/2025 17:30	WG2442821
(S) Toluene-d8	*102*			*80.0-120*		*01/30/2025 17:30*	WG2442821
(S) 4-Bromofluorobenzene	*92.3*			*77.0-126*		*01/30/2025 17:30*	WG2442821
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*		*01/30/2025 17:30*	WG2442821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.0624		0.000300	0.00100	1	01/30/2025 17:51	WG2442821
Trichloroethene	0.000782	J	0.000190	0.00100	1	01/30/2025 17:51	WG2442821
cis-1,2-Dichloroethene	0.000449	J	0.000126	0.00100	1	01/30/2025 17:51	WG2442821
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/30/2025 17:51	WG2442821
1,1-Dichloroethene	U		0.000188	0.00100	1	01/30/2025 17:51	WG2442821
Vinyl chloride	U		0.000234	0.00100	1	01/30/2025 17:51	WG2442821
(S) Toluene-d8	*99.7*			*80.0-120*		*01/30/2025 17:51*	WG2442821
(S) 4-Bromofluorobenzene	*87.3*			*77.0-126*		*01/30/2025 17:51*	WG2442821
(S) 1,2-Dichloroethane-d4	*121*			*70.0-130*		*01/30/2025 17:51*	WG2442821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	01/30/2025 18:13	WG2442821
Trichloroethene	U		0.000190	0.00100	1	01/30/2025 18:13	WG2442821
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	01/30/2025 18:13	WG2442821
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/30/2025 18:13	WG2442821
1,1-Dichloroethene	U		0.000188	0.00100	1	01/30/2025 18:13	WG2442821
Vinyl chloride	U		0.000234	0.00100	1	01/30/2025 18:13	WG2442821
(S) Toluene-d8	*100*			*80.0-120*		*01/30/2025 18:13*	WG2442821
(S) 4-Bromofluorobenzene	*90.5*			*77.0-126*		*01/30/2025 18:13*	WG2442821
(S) 1,2-Dichloroethane-d4	*124*			*70.0-130*		*01/30/2025 18:13*	WG2442821

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	85.2		2.74	5.00	5	01/31/2025 00:21	WG2442017

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	01/30/2025 18:34	WG2442821
Trichloroethene	U		0.000190	0.00100	1	01/30/2025 18:34	WG2442821
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	01/30/2025 18:34	WG2442821
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/30/2025 18:34	WG2442821
1,1-Dichloroethene	U		0.000188	0.00100	1	01/30/2025 18:34	WG2442821
Vinyl chloride	U		0.000234	0.00100	1	01/30/2025 18:34	WG2442821
(S) Toluene-d8	*98.5*			*80.0-120*		*01/30/2025 18:34*	WG2442821
(S) 4-Bromofluorobenzene	*89.0*			*77.0-126*		*01/30/2025 18:34*	WG2442821
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*		*01/30/2025 18:34*	WG2442821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.425		0.00600	0.0200	20	02/01/2025 16:16	WG2443851
Trichloroethene	0.114		0.000190	0.00100	1	01/30/2025 18:56	WG2442821
cis-1,2-Dichloroethene	0.00851		0.000126	0.00100	1	01/30/2025 18:56	WG2442821
trans-1,2-Dichloroethene	0.00992		0.000149	0.00100	1	01/30/2025 18:56	WG2442821
1,1-Dichloroethene	U		0.000188	0.00100	1	01/30/2025 18:56	WG2442821
Vinyl chloride	U		0.000234	0.00100	1	01/30/2025 18:56	WG2442821
(S) Toluene-d8	*101*			*80.0-120*		*01/30/2025 18:56*	WG2442821
(S) Toluene-d8	*100*			*80.0-120*		*02/01/2025 16:16*	WG2443851
(S) 4-Bromofluorobenzene	*89.1*			*77.0-126*		*01/30/2025 18:56*	WG2442821
(S) 4-Bromofluorobenzene	*91.1*			*77.0-126*		*02/01/2025 16:16*	WG2443851
(S) 1,2-Dichloroethane-d4	*120*			*70.0-130*		*01/30/2025 18:56*	WG2442821
(S) 1,2-Dichloroethane-d4	*120*			*70.0-130*		*02/01/2025 16:16*	WG2443851

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.0455		0.000300	0.00100	1	01/30/2025 19:17	WG2442821
Trichloroethene	0.00764		0.000190	0.00100	1	01/30/2025 19:17	WG2442821
cis-1,2-Dichloroethene	0.000208	J	0.000126	0.00100	1	01/30/2025 19:17	WG2442821
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/30/2025 19:17	WG2442821
1,1-Dichloroethene	U		0.000188	0.00100	1	01/30/2025 19:17	WG2442821
Vinyl chloride	U		0.000234	0.00100	1	01/30/2025 19:17	WG2442821
(S) Toluene-d8	*101*			*80.0-120*		*01/30/2025 19:17*	WG2442821
(S) 4-Bromofluorobenzene	*92.3*			*77.0-126*		*01/30/2025 19:17*	WG2442821
(S) 1,2-Dichloroethane-d4	*125*			*70.0-130*		*01/30/2025 19:17*	WG2442821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.00423		0.000300	0.00100	1	01/30/2025 19:39	WG2442821
Trichloroethene	0.00117		0.000190	0.00100	1	01/30/2025 19:39	WG2442821
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	01/30/2025 19:39	WG2442821
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/30/2025 19:39	WG2442821
1,1-Dichloroethene	U		0.000188	0.00100	1	01/30/2025 19:39	WG2442821
Vinyl chloride	U		0.000234	0.00100	1	01/30/2025 19:39	WG2442821
(S) Toluene-d8	*101*			*80.0-120*		*01/30/2025 19:39*	WG2442821
(S) 4-Bromofluorobenzene	*90.3*			*77.0-126*		*01/30/2025 19:39*	WG2442821
(S) 1,2-Dichloroethane-d4	*123*			*70.0-130*		*01/30/2025 19:39*	WG2442821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.00317		0.000300	0.00100	1	01/30/2025 20:01	WG2442821
Trichloroethene	U		0.000190	0.00100	1	01/30/2025 20:01	WG2442821
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	01/30/2025 20:01	WG2442821
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/30/2025 20:01	WG2442821
1,1-Dichloroethene	U		0.000188	0.00100	1	01/30/2025 20:01	WG2442821
Vinyl chloride	U		0.000234	0.00100	1	01/30/2025 20:01	WG2442821
(S) Toluene-d8	*100*			*80.0-120*		*01/30/2025 20:01*	WG2442821
(S) 4-Bromofluorobenzene	*85.0*			*77.0-126*		*01/30/2025 20:01*	WG2442821
(S) 1,2-Dichloroethane-d4	*122*			*70.0-130*		*01/30/2025 20:01*	WG2442821

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	208		2.74	5.00	5	01/31/2025 00:34	WG2442017

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.00481		0.000300	0.00100	1	01/30/2025 20:22	WG2442821
Trichloroethene	U		0.000190	0.00100	1	01/30/2025 20:22	WG2442821
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	01/30/2025 20:22	WG2442821
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/30/2025 20:22	WG2442821
1,1-Dichloroethene	U		0.000188	0.00100	1	01/30/2025 20:22	WG2442821
Vinyl chloride	U		0.000234	0.00100	1	01/30/2025 20:22	WG2442821
(S) Toluene-d8	*101*			*80.0-120*		*01/30/2025 20:22*	WG2442821
(S) 4-Bromofluorobenzene	*88.7*			*77.0-126*		*01/30/2025 20:22*	WG2442821
(S) 1,2-Dichloroethane-d4	*123*			*70.0-130*		*01/30/2025 20:22*	WG2442821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.0111		0.000300	0.00100	1	01/30/2025 20:44	WG2442821
Trichloroethene	0.000337	J	0.000190	0.00100	1	01/30/2025 20:44	WG2442821
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	01/30/2025 20:44	WG2442821
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/30/2025 20:44	WG2442821
1,1-Dichloroethene	U		0.000188	0.00100	1	01/30/2025 20:44	WG2442821
Vinyl chloride	U		0.000234	0.00100	1	01/30/2025 20:44	WG2442821
(S) Toluene-d8	*102*			*80.0-120*		*01/30/2025 20:44*	WG2442821
(S) 4-Bromofluorobenzene	*89.4*			*77.0-126*		*01/30/2025 20:44*	WG2442821
(S) 1,2-Dichloroethane-d4	*124*			*70.0-130*		*01/30/2025 20:44*	WG2442821

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.0162		0.000300	0.00100	1	01/30/2025 18:41	WG2442974
Trichloroethene	0.00274		0.000190	0.00100	1	01/30/2025 18:41	WG2442974
cis-1,2-Dichloroethene	0.000802	J	0.000126	0.00100	1	01/30/2025 18:41	WG2442974
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/30/2025 18:41	WG2442974
1,1-Dichloroethene	U		0.000188	0.00100	1	01/30/2025 18:41	WG2442974
Vinyl chloride	U		0.000234	0.00100	1	01/30/2025 18:41	WG2442974
(S) Toluene-d8	*102*			*80.0-120*		*01/30/2025 18:41*	WG2442974
(S) 4-Bromofluorobenzene	*97.5*			*77.0-126*		*01/30/2025 18:41*	WG2442974
(S) 1,2-Dichloroethane-d4	*96.9*			*70.0-130*		*01/30/2025 18:41*	WG2442974

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.0140		0.000300	0.00100	1	01/30/2025 19:01	WG2442974
Trichloroethene	0.00276		0.000190	0.00100	1	01/30/2025 19:01	WG2442974
cis-1,2-Dichloroethene	0.000437	J	0.000126	0.00100	1	01/30/2025 19:01	WG2442974
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/30/2025 19:01	WG2442974
1,1-Dichloroethene	U		0.000188	0.00100	1	01/30/2025 19:01	WG2442974
Vinyl chloride	U		0.000234	0.00100	1	01/30/2025 19:01	WG2442974
(S) Toluene-d8	*101*			*80.0-120*		*01/30/2025 19:01*	WG2442974
(S) 4-Bromofluorobenzene	*97.9*			*77.0-126*		*01/30/2025 19:01*	WG2442974
(S) 1,2-Dichloroethane-d4	*99.2*			*70.0-130*		*01/30/2025 19:01*	WG2442974

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.0162		0.000300	0.00100	1	01/30/2025 19:21	WG2442974
Trichloroethene	U		0.000190	0.00100	1	01/30/2025 19:21	WG2442974
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	01/30/2025 19:21	WG2442974
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/30/2025 19:21	WG2442974
1,1-Dichloroethene	U		0.000188	0.00100	1	01/30/2025 19:21	WG2442974
Vinyl chloride	U		0.000234	0.00100	1	01/30/2025 19:21	WG2442974
(S) Toluene-d8	*101*			*80.0-120*		*01/30/2025 19:21*	WG2442974
(S) 4-Bromofluorobenzene	*98.5*			*77.0-126*		*01/30/2025 19:21*	WG2442974
(S) 1,2-Dichloroethane-d4	*97.3*			*70.0-130*		*01/30/2025 19:21*	WG2442974

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.139		0.000300	0.00100	1	01/30/2025 19:42	WG2442974
Trichloroethene	0.00459		0.000190	0.00100	1	01/30/2025 19:42	WG2442974
cis-1,2-Dichloroethene	0.00112		0.000126	0.00100	1	01/30/2025 19:42	WG2442974
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/30/2025 19:42	WG2442974
1,1-Dichloroethene	U		0.000188	0.00100	1	01/30/2025 19:42	WG2442974
Vinyl chloride	U		0.000234	0.00100	1	01/30/2025 19:42	WG2442974
(S) Toluene-d8	*102*			*80.0-120*		*01/30/2025 19:42*	WG2442974
(S) 4-Bromofluorobenzene	*98.7*			*77.0-126*		*01/30/2025 19:42*	WG2442974
(S) 1,2-Dichloroethane-d4	*98.6*			*70.0-130*		*01/30/2025 19:42*	WG2442974

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	01/30/2025 20:02	WG2442974
Trichloroethene	U		0.000190	0.00100	1	01/30/2025 20:02	WG2442974
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	01/30/2025 20:02	WG2442974
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/30/2025 20:02	WG2442974
1,1-Dichloroethene	U		0.000188	0.00100	1	01/30/2025 20:02	WG2442974
Vinyl chloride	U		0.000234	0.00100	1	01/30/2025 20:02	WG2442974
(S) Toluene-d8	*99.2*			*80.0-120*		*01/30/2025 20:02*	WG2442974
(S) 4-Bromofluorobenzene	*96.6*			*77.0-126*		*01/30/2025 20:02*	WG2442974
(S) 1,2-Dichloroethane-d4	*96.8*			*70.0-130*		*01/30/2025 20:02*	WG2442974

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	01/30/2025 20:22	WG2442974
Trichloroethene	U		0.000190	0.00100	1	01/30/2025 20:22	WG2442974
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	01/30/2025 20:22	WG2442974
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/30/2025 20:22	WG2442974
1,1-Dichloroethene	U		0.000188	0.00100	1	01/30/2025 20:22	WG2442974
Vinyl chloride	U		0.000234	0.00100	1	01/30/2025 20:22	WG2442974
(S) Toluene-d8	*102*			*80.0-120*		*01/30/2025 20:22*	WG2442974
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*01/30/2025 20:22*	WG2442974
(S) 1,2-Dichloroethane-d4	*96.5*			*70.0-130*		*01/30/2025 20:22*	WG2442974

QUALITY CONTROL SUMMARY

L1821018-08,13

Method Blank (MB)

(MB) R4172169-1 01/30/25 21:25

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00

L1819980-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1819980-01 01/30/25 22:33 • (DUP) R4172169-3 01/31/25 03:57

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	5.67	5.51	1	2.86		15

L1820450-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1820450-01 01/30/25 23:00 • (DUP) R4172169-6 01/31/25 04:37

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	447	459	1	2.49	E	15

Laboratory Control Sample (LCS)

(LCS) R4172169-2 01/30/25 21:39

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	41.4	104	80.0-120	

L1819980-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1819980-01 01/30/25 22:33 • (MS) R4172169-4 01/31/25 04:10 • (MSD) R4172169-5 01/31/25 04:24

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	5.67	44.9	44.9	98.1	98.1	1	80.0-120			0.0187	15

L1820450-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1820450-01 01/30/25 23:00 • (MS) R4172169-7 01/31/25 04:50

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	447	383	0.000	1	80.0-120	E V

Method Blank (MB)

(MB) R4172193-2 01/30/25 11:24

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Tetrachloroethene	U		0.000300	0.00100
Trichloroethene	U		0.000190	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
Vinyl chloride	U		0.000234	0.00100
(S) Toluene-d8	*101*			*80.0-120*
(S) 4-Bromofluorobenzene	*89.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*119*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4172193-1 01/30/25 09:58

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Tetrachloroethene	0.00500	0.00481	96.2	72.0-132	
Trichloroethene	0.00500	0.00447	89.4	78.0-124	
cis-1,2-Dichloroethene	0.00500	0.00500	100	73.0-120	
trans-1,2-Dichloroethene	0.00500	0.00417	83.4	73.0-120	
1,1-Dichloroethene	0.00500	0.00467	93.4	71.0-124	
Vinyl chloride	0.00500	0.00606	121	67.0-131	
(S) Toluene-d8			*99.8*	*80.0-120*	
(S) 4-Bromofluorobenzene			*95.9*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*117*	*70.0-130*	

Method Blank (MB)

(MB) R4171949-4 01/30/25 11:06

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	mg/l		mg/l	mg/l
Tetrachloroethene	U		0.000300	0.00100
Trichloroethene	U		0.000190	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
Vinyl chloride	U		0.000234	0.00100
(S) Toluene-d8	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*99.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*96.7*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4171949-1 01/30/25 09:25 • (LCSD) R4171949-2 01/30/25 09:45

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	%	%	%			%	%
Tetrachloroethene	0.00500	0.00466	0.00441	93.2	88.2	72.0-132			5.51	20
Trichloroethene	0.00500	0.00505	0.00484	101	96.8	78.0-124			4.25	20
cis-1,2-Dichloroethene	0.00500	0.00510	0.00496	102	99.2	73.0-120			2.78	20
trans-1,2-Dichloroethene	0.00500	0.00534	0.00499	107	99.8	73.0-120			6.78	20
1,1-Dichloroethene	0.00500	0.00541	0.00502	108	100	71.0-124			7.48	20
Vinyl chloride	0.00500	0.00646	0.00588	129	118	67.0-131			9.40	20
(S) Toluene-d8				*97.2*	*96.2*	*80.0-120*				
(S) 4-Bromofluorobenzene				*101*	*97.9*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*100*	*96.6*	*70.0-130*				

L1820990-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1820990-01 01/30/25 17:40 • (MS) R4171949-3 01/30/25 22:24 • (MSD) R4171949-5 01/30/25 22:44

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	mg/l	mg/l	mg/l	mg/l	%	%		%			%	%
Tetrachloroethene	0.00500	U	0.00422	0.00481	84.4	96.2	1	10.0-160			13.1	27
Trichloroethene	0.00500	U	0.00444	0.00510	88.8	102	1	10.0-160			13.8	25
cis-1,2-Dichloroethene	0.00500	U	0.00431	0.00515	86.2	103	1	10.0-160			17.8	27
trans-1,2-Dichloroethene	0.00500	U	0.00456	0.00527	91.2	105	1	17.0-153			14.4	27
1,1-Dichloroethene	0.00500	U	0.00476	0.00555	95.2	111	1	11.0-160			15.3	29
Vinyl chloride	0.00500	U	0.00551	0.00636	110	127	1	10.0-160			14.3	27
(S) Toluene-d8					*97.1*	*97.1*		*80.0-120*				
(S) 4-Bromofluorobenzene					*98.7*	*100*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*96.9*	*98.3*		*70.0-130*				

Method Blank (MB)

(MB) R4172544-2 02/01/25 10:15

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Tetrachloroethene	U		0.000300	0.00100
(S) Toluene-d8	*102*			*80.0-120*
(S) 4-Bromofluorobenzene	*86.1*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4172544-1 02/01/25 09:32

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Tetrachloroethene	0.00500	0.00545	109	72.0-132	
(S) Toluene-d8			*99.2*	*80.0-120*	
(S) 4-Bromofluorobenzene			*91.1*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*118*	*70.0-130*	

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
V	The sample concentration is too high to evaluate accurate spike recoveries.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
ERO Resources

1626 Cole Blvd.
Suite 100
Lakewood. CO 80401

Billing Information:
ERO Resources
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Pres Chk

Report to:
Jack Denman 720-812-3576

Email To:
jdenman@eroresources.com;smitchell@eroreso

Project Description:
TSC-Thornton

City/State Collected:

Please Circle: PT MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project #

Lab Project #
ERORESDCO-TSCTHORN

Collected by (print):
Craig Sorka

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day ___ STD TAT

Quote #

Date Results Needed
STD

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	VOCs 8260 40mlAmb-HCl										Remarks	Sample # (lab only)
MW-17	G	GW		1/27/25	1158	3		X											-01
MW-22		GW			1231														-02
MW-21		GW			1300														-03
MW-40		GW			1335														-04
MW-01		GW			1350														-05
MW-41		GW			1405														-06
MW-05		GW			1405														-07
MW-26D		GW			1420	4	X												-08
MW-42		GW			1446	3													-09
MW-43		GW			1516	3													-10

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1821018
C234

Acctnum: **ERORESDCO**
Template: **T267334**
Prelogin: **P1128284**
PM: **3768 - Jordan Dozier**
PB:
Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 4301 1540 5686

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: X Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Craig Sorka	1/28/25	1620	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	1-28-25	18:00	FedEx
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			Ashley Baxter

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: 1.4 °C 1.4 °C 2.1 °C Bottles Received: 62

Date: 01/29/25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Company Name/Address:
ERO Resources

1626 Cole Blvd.
Suite 100
Lakewood. CO 80401

Billing Information:
ERO Resources
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Pres Chk

Report to:
Jack Denman 720-812-3576

Email To:
jdenman@eroresources.com;smitchell@eroreso

Project Description:
TSC-Thornton

City/State Collected:

Please Circle: PT MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project #

Lab Project #
ERORESDCO-TSCTHORN

Collected by (print):
Craig Sorka

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day ___ STD TAT

Quote #

Date Results Needed
STD

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	VOCs 8260 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-44	G	GW		1/27/25	1542	3		X		-41
MW-08		GW		1/28/25	0911	3				-42
MW-23		GW			0940	4	X			-43
MW-28		GW			1019	3				-44
MW-32		GW			1053					-45
MW-31		GW			1123					-46
MW-03		GW			1200					-47
MW-33		GW			1250					-48
MW-45 40-45		GW			0930					-49
MW-45 48-53		GW			1055					-50

Chain of Custody Page 2 of 2

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1624016

Table #

Acctnum: **ERORESDCO**
Template:**T267334**
Prelogin: **P1128284**
PM: **3768 - Jordan Dozier**
PB:

Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
Craig Sorka	1/28/25 SJB	1620			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
	1-28-25	18:00	FedEx	TMP 1.7 10.4=2.1 62	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / OK
			Ashley Bowden	01/29/2025 0900	

PNDCO

ANALYTICAL REPORT

February 06, 2025

ERO Resources

Sample Delivery Group:	L1821347
Samples Received:	01/30/2025
Project Number:	
Description:	TSC-Thornton

Report To:

Jack Denman
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Entire Report Reviewed By:

J Dozier

Jordan Dozier
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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MW-27 L1821347-01 GW

Collected by: Craig Sovka | Collected date/time: 01/27/25 11:03 | Received date/time: 01/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2443539	1	01/31/25 18:30	01/31/25 18:30	JTO	Mt. Juliet, TN

MW-45 55-60 L1821347-02 GW

Collected by: Craig Sovka | Collected date/time: 01/28/25 11:00 | Received date/time: 01/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2443539	1	01/31/25 18:52	01/31/25 18:52	JTO	Mt. Juliet, TN

MW-47 40-45 L1821347-03 GW

Collected by: Craig Sovka | Collected date/time: 01/28/25 12:45 | Received date/time: 01/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2443539	1	01/31/25 19:13	01/31/25 19:13	JTO	Mt. Juliet, TN

MW-04 L1821347-04 GW

Collected by: Craig Sovka | Collected date/time: 01/28/25 13:23 | Received date/time: 01/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2443539	1	01/31/25 19:34	01/31/25 19:34	JTO	Mt. Juliet, TN

MW-12R L1821347-05 GW

Collected by: Craig Sovka | Collected date/time: 01/28/25 13:57 | Received date/time: 01/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2443539	10	01/31/25 21:23	01/31/25 21:23	JTO	Mt. Juliet, TN

MW-47 48-53 L1821347-06 GW

Collected by: Craig Sovka | Collected date/time: 01/28/25 14:15 | Received date/time: 01/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2443539	1	01/31/25 19:56	01/31/25 19:56	JTO	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2445461	1	02/04/25 16:59	02/04/25 16:59	ACG	Mt. Juliet, TN

MW-16 L1821347-07 GW

Collected by: Craig Sovka | Collected date/time: 01/28/25 14:26 | Received date/time: 01/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444095	1	02/01/25 15:31	02/01/25 15:31	DWR	Mt. Juliet, TN

MW-16DUP L1821347-08 GW

Collected by: Craig Sovka | Collected date/time: 01/28/25 14:26 | Received date/time: 01/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444095	1	02/01/25 15:55	02/01/25 15:55	DWR	Mt. Juliet, TN

MW-46 40-45 L1821347-09 GW

Collected by: Craig Sovka | Collected date/time: 01/28/25 14:30 | Received date/time: 01/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444095	1	02/01/25 16:18	02/01/25 16:18	DWR	Mt. Juliet, TN

MW-46 48-53 L1821347-10 GW

Collected by: Craig Sovka | Collected date/time: 01/28/25 14:40 | Received date/time: 01/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444095	1	02/01/25 16:42	02/01/25 16:42	DWR	Mt. Juliet, TN

MW-46 55-60 L1821347-11 GW

Collected by: Craig Sovka | Collected date/time: 01/28/25 14:50 | Received date/time: 01/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444095	1	02/01/25 17:06	02/01/25 17:06	DWR	Mt. Juliet, TN

MW-35 L1821347-12 GW

Collected by: Craig Sovka | Collected date/time: 01/28/25 14:54 | Received date/time: 01/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444095	10	02/01/25 18:39	02/01/25 18:39	DWR	Mt. Juliet, TN

MW-39 L1821347-13 GW

Collected by: Craig Sovka | Collected date/time: 01/29/25 09:55 | Received date/time: 01/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444095	1	02/01/25 17:29	02/01/25 17:29	DWR	Mt. Juliet, TN

MW-39 DUP L1821347-14 GW

Collected by: Craig Sovka | Collected date/time: 01/29/25 09:55 | Received date/time: 01/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444095	1	02/01/25 17:52	02/01/25 17:52	DWR	Mt. Juliet, TN

MW-23D 47-52 L1821347-15 GW

Collected by: Craig Sovka | Collected date/time: 01/29/25 10:36 | Received date/time: 01/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444095	10	02/01/25 19:03	02/01/25 19:03	DWR	Mt. Juliet, TN

MW-23D 47-52 DUP L1821347-16 GW

Collected by: Craig Sovka | Collected date/time: 01/29/25 10:37 | Received date/time: 01/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444095	10	02/01/25 19:26	02/01/25 19:26	DWR	Mt. Juliet, TN

MW-23D 56.5-61.5 L1821347-17 GW

Collected by: Craig Sovka
Collected date/time: 01/29/25 10:45
Received date/time: 01/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444095	1	02/01/25 18:16	02/01/25 18:16	DWR	Mt. Juliet, TN

MW-34 L1821347-18 GW

Collected by: Craig Sovka
Collected date/time: 01/29/25 10:49
Received date/time: 01/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444147	1	02/01/25 14:40	02/01/25 14:40	WHS	Mt. Juliet, TN

MW-23D 31-33.5 L1821347-19 GW

Collected by: Craig Sovka
Collected date/time: 01/29/25 10:55
Received date/time: 01/30/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444147	20	02/01/25 19:42	02/01/25 19:42	WHS	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Jordan Dozier
Project Manager

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	01/31/2025 18:30	WG2443539
Trichloroethene	U		0.000190	0.00100	1	01/31/2025 18:30	WG2443539
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	01/31/2025 18:30	WG2443539
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/31/2025 18:30	WG2443539
1,1-Dichloroethene	U		0.000188	0.00100	1	01/31/2025 18:30	WG2443539
Vinyl chloride	U		0.000234	0.00100	1	01/31/2025 18:30	WG2443539
(S) Toluene-d8	*102*			*80.0-120*		*01/31/2025 18:30*	WG2443539
(S) 4-Bromofluorobenzene	*94.1*			*77.0-126*		*01/31/2025 18:30*	WG2443539
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*		*01/31/2025 18:30*	WG2443539

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	01/31/2025 18:52	WG2443539
Trichloroethene	U		0.000190	0.00100	1	01/31/2025 18:52	WG2443539
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	01/31/2025 18:52	WG2443539
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/31/2025 18:52	WG2443539
1,1-Dichloroethene	U		0.000188	0.00100	1	01/31/2025 18:52	WG2443539
Vinyl chloride	U		0.000234	0.00100	1	01/31/2025 18:52	WG2443539
(S) Toluene-d8	*99.0*			*80.0-120*		*01/31/2025 18:52*	WG2443539
(S) 4-Bromofluorobenzene	*90.3*			*77.0-126*		*01/31/2025 18:52*	WG2443539
(S) 1,2-Dichloroethane-d4	*121*			*70.0-130*		*01/31/2025 18:52*	WG2443539

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	01/31/2025 19:13	WG2443539
Trichloroethene	U		0.000190	0.00100	1	01/31/2025 19:13	WG2443539
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	01/31/2025 19:13	WG2443539
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/31/2025 19:13	WG2443539
1,1-Dichloroethene	U		0.000188	0.00100	1	01/31/2025 19:13	WG2443539
Vinyl chloride	U		0.000234	0.00100	1	01/31/2025 19:13	WG2443539
(S) Toluene-d8	*97.5*			*80.0-120*		*01/31/2025 19:13*	WG2443539
(S) 4-Bromofluorobenzene	*88.9*			*77.0-126*		*01/31/2025 19:13*	WG2443539
(S) 1,2-Dichloroethane-d4	*121*			*70.0-130*		*01/31/2025 19:13*	WG2443539

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.164		0.000300	0.00100	1	01/31/2025 19:34	WG2443539
Trichloroethene	0.00299		0.000190	0.00100	1	01/31/2025 19:34	WG2443539
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	01/31/2025 19:34	WG2443539
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/31/2025 19:34	WG2443539
1,1-Dichloroethene	U		0.000188	0.00100	1	01/31/2025 19:34	WG2443539
Vinyl chloride	U		0.000234	0.00100	1	01/31/2025 19:34	WG2443539
(S) Toluene-d8	*98.8*			*80.0-120*		*01/31/2025 19:34*	WG2443539
(S) 4-Bromofluorobenzene	*92.9*			*77.0-126*		*01/31/2025 19:34*	WG2443539
(S) 1,2-Dichloroethane-d4	*121*			*70.0-130*		*01/31/2025 19:34*	WG2443539

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.173		0.00300	0.0100	10	01/31/2025 21:23	WG2443539
Trichloroethene	U		0.00190	0.0100	10	01/31/2025 21:23	WG2443539
cis-1,2-Dichloroethene	U		0.00126	0.0100	10	01/31/2025 21:23	WG2443539
trans-1,2-Dichloroethene	U		0.00149	0.0100	10	01/31/2025 21:23	WG2443539
1,1-Dichloroethene	U		0.00188	0.0100	10	01/31/2025 21:23	WG2443539
Vinyl chloride	U		0.00234	0.0100	10	01/31/2025 21:23	WG2443539
(S) Toluene-d8	*97.8*			*80.0-120*		*01/31/2025 21:23*	WG2443539
(S) 4-Bromofluorobenzene	*88.6*			*77.0-126*		*01/31/2025 21:23*	WG2443539
(S) 1,2-Dichloroethane-d4	*118*			*70.0-130*		*01/31/2025 21:23*	WG2443539

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.000542	J	0.000300	0.00100	1	02/04/2025 16:59	WG2445461
Trichloroethene	U		0.000190	0.00100	1	01/31/2025 19:56	WG2443539
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	01/31/2025 19:56	WG2443539
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	01/31/2025 19:56	WG2443539
1,1-Dichloroethene	U		0.000188	0.00100	1	01/31/2025 19:56	WG2443539
Vinyl chloride	U		0.000234	0.00100	1	01/31/2025 19:56	WG2443539
(S) Toluene-d8	*103*			*80.0-120*		*01/31/2025 19:56*	WG2443539
(S) Toluene-d8	*107*			*80.0-120*		*02/04/2025 16:59*	WG2445461
(S) 4-Bromofluorobenzene	*90.3*			*77.0-126*		*01/31/2025 19:56*	WG2443539
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*02/04/2025 16:59*	WG2445461
(S) 1,2-Dichloroethane-d4	*120*			*70.0-130*		*01/31/2025 19:56*	WG2443539
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*02/04/2025 16:59*	WG2445461

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.0906		0.000300	0.00100	1	02/01/2025 15:31	WG2444095
Trichloroethene	0.00179		0.000190	0.00100	1	02/01/2025 15:31	WG2444095
cis-1,2-Dichloroethene	0.00184		0.000126	0.00100	1	02/01/2025 15:31	WG2444095
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	02/01/2025 15:31	WG2444095
1,1-Dichloroethene	U		0.000188	0.00100	1	02/01/2025 15:31	WG2444095
Vinyl chloride	U		0.000234	0.00100	1	02/01/2025 15:31	WG2444095
(S) Toluene-d8	*93.6*			*80.0-120*		*02/01/2025 15:31*	WG2444095
(S) 4-Bromofluorobenzene	*97.7*			*77.0-126*		*02/01/2025 15:31*	WG2444095
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*02/01/2025 15:31*	WG2444095

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.0901		0.000300	0.00100	1	02/01/2025 15:55	WG2444095
Trichloroethene	0.00230		0.000190	0.00100	1	02/01/2025 15:55	WG2444095
cis-1,2-Dichloroethene	0.00275		0.000126	0.00100	1	02/01/2025 15:55	WG2444095
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	02/01/2025 15:55	WG2444095
1,1-Dichloroethene	U		0.000188	0.00100	1	02/01/2025 15:55	WG2444095
Vinyl chloride	U		0.000234	0.00100	1	02/01/2025 15:55	WG2444095
(S) Toluene-d8	*94.4*			*80.0-120*		*02/01/2025 15:55*	WG2444095
(S) 4-Bromofluorobenzene	*99.8*			*77.0-126*		*02/01/2025 15:55*	WG2444095
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*02/01/2025 15:55*	WG2444095

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	02/01/2025 16:18	WG2444095
Trichloroethene	U		0.000190	0.00100	1	02/01/2025 16:18	WG2444095
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	02/01/2025 16:18	WG2444095
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	02/01/2025 16:18	WG2444095
1,1-Dichloroethene	U		0.000188	0.00100	1	02/01/2025 16:18	WG2444095
Vinyl chloride	U		0.000234	0.00100	1	02/01/2025 16:18	WG2444095
(S) Toluene-d8	*94.5*			*80.0-120*		*02/01/2025 16:18*	WG2444095
(S) 4-Bromofluorobenzene	*99.0*			*77.0-126*		*02/01/2025 16:18*	WG2444095
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*02/01/2025 16:18*	WG2444095

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	02/01/2025 16:42	WG2444095
Trichloroethene	U		0.000190	0.00100	1	02/01/2025 16:42	WG2444095
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	02/01/2025 16:42	WG2444095
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	02/01/2025 16:42	WG2444095
1,1-Dichloroethene	U		0.000188	0.00100	1	02/01/2025 16:42	WG2444095
Vinyl chloride	U		0.000234	0.00100	1	02/01/2025 16:42	WG2444095
(S) Toluene-d8	*93.9*			*80.0-120*		*02/01/2025 16:42*	WG2444095
(S) 4-Bromofluorobenzene	*98.8*			*77.0-126*		*02/01/2025 16:42*	WG2444095
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*02/01/2025 16:42*	WG2444095

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	02/01/2025 17:06	WG2444095
Trichloroethene	U		0.000190	0.00100	1	02/01/2025 17:06	WG2444095
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	02/01/2025 17:06	WG2444095
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	02/01/2025 17:06	WG2444095
1,1-Dichloroethene	U		0.000188	0.00100	1	02/01/2025 17:06	WG2444095
Vinyl chloride	U		0.000234	0.00100	1	02/01/2025 17:06	WG2444095
(S) Toluene-d8	*92.8*			*80.0-120*		*02/01/2025 17:06*	WG2444095
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*02/01/2025 17:06*	WG2444095
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*02/01/2025 17:06*	WG2444095

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.226		0.00300	0.0100	10	02/01/2025 18:39	WG2444095
Trichloroethene	U		0.00190	0.0100	10	02/01/2025 18:39	WG2444095
cis-1,2-Dichloroethene	U		0.00126	0.0100	10	02/01/2025 18:39	WG2444095
trans-1,2-Dichloroethene	U		0.00149	0.0100	10	02/01/2025 18:39	WG2444095
1,1-Dichloroethene	U		0.00188	0.0100	10	02/01/2025 18:39	WG2444095
Vinyl chloride	U		0.00234	0.0100	10	02/01/2025 18:39	WG2444095
(S) Toluene-d8	*93.6*			*80.0-120*		*02/01/2025 18:39*	WG2444095
(S) 4-Bromofluorobenzene	*97.5*			*77.0-126*		*02/01/2025 18:39*	WG2444095
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*02/01/2025 18:39*	WG2444095

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	02/01/2025 17:29	WG2444095
Trichloroethene	U		0.000190	0.00100	1	02/01/2025 17:29	WG2444095
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	02/01/2025 17:29	WG2444095
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	02/01/2025 17:29	WG2444095
1,1-Dichloroethene	U		0.000188	0.00100	1	02/01/2025 17:29	WG2444095
Vinyl chloride	U		0.000234	0.00100	1	02/01/2025 17:29	WG2444095
(S) Toluene-d8	*93.1*			*80.0-120*		*02/01/2025 17:29*	WG2444095
(S) 4-Bromofluorobenzene	*98.3*			*77.0-126*		*02/01/2025 17:29*	WG2444095
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*02/01/2025 17:29*	WG2444095

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	02/01/2025 17:52	WG2444095
Trichloroethene	U		0.000190	0.00100	1	02/01/2025 17:52	WG2444095
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	02/01/2025 17:52	WG2444095
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	02/01/2025 17:52	WG2444095
1,1-Dichloroethene	U		0.000188	0.00100	1	02/01/2025 17:52	WG2444095
Vinyl chloride	U		0.000234	0.00100	1	02/01/2025 17:52	WG2444095
(S) Toluene-d8	*94.8*			*80.0-120*		*02/01/2025 17:52*	WG2444095
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*02/01/2025 17:52*	WG2444095
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*02/01/2025 17:52*	WG2444095

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.114		0.00300	0.0100	10	02/01/2025 19:03	WG2444095
Trichloroethene	U		0.00190	0.0100	10	02/01/2025 19:03	WG2444095
cis-1,2-Dichloroethene	U		0.00126	0.0100	10	02/01/2025 19:03	WG2444095
trans-1,2-Dichloroethene	U		0.00149	0.0100	10	02/01/2025 19:03	WG2444095
1,1-Dichloroethene	U		0.00188	0.0100	10	02/01/2025 19:03	WG2444095
Vinyl chloride	U		0.00234	0.0100	10	02/01/2025 19:03	WG2444095
(S) Toluene-d8	*91.5*			*80.0-120*		*02/01/2025 19:03*	WG2444095
(S) 4-Bromofluorobenzene	*96.3*			*77.0-126*		*02/01/2025 19:03*	WG2444095
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*02/01/2025 19:03*	WG2444095

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	0.115		0.00300	0.0100	10	02/01/2025 19:26	WG2444095
Trichloroethene	U		0.00190	0.0100	10	02/01/2025 19:26	WG2444095
cis-1,2-Dichloroethene	U		0.00126	0.0100	10	02/01/2025 19:26	WG2444095
trans-1,2-Dichloroethene	U		0.00149	0.0100	10	02/01/2025 19:26	WG2444095
1,1-Dichloroethene	U		0.00188	0.0100	10	02/01/2025 19:26	WG2444095
Vinyl chloride	U		0.00234	0.0100	10	02/01/2025 19:26	WG2444095
(S) Toluene-d8	*93.2*			*80.0-120*		*02/01/2025 19:26*	WG2444095
(S) 4-Bromofluorobenzene	*96.5*			*77.0-126*		*02/01/2025 19:26*	WG2444095
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*02/01/2025 19:26*	WG2444095

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	0.155		0.000300	0.00100	1	02/01/2025 18:16	WG2444095
Trichloroethene	0.00431		0.000190	0.00100	1	02/01/2025 18:16	WG2444095
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	02/01/2025 18:16	WG2444095
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	02/01/2025 18:16	WG2444095
1,1-Dichloroethene	U		0.000188	0.00100	1	02/01/2025 18:16	WG2444095
Vinyl chloride	U		0.000234	0.00100	1	02/01/2025 18:16	WG2444095
(S) Toluene-d8	*94.0*			*80.0-120*		*02/01/2025 18:16*	WG2444095
(S) 4-Bromofluorobenzene	*97.6*			*77.0-126*		*02/01/2025 18:16*	WG2444095
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*02/01/2025 18:16*	WG2444095

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.0984		0.000300	0.00100	1	02/01/2025 14:40	WG2444147
Trichloroethene	0.111		0.000190	0.00100	1	02/01/2025 14:40	WG2444147
cis-1,2-Dichloroethene	0.0377		0.000126	0.00100	1	02/01/2025 14:40	WG2444147
trans-1,2-Dichloroethene	0.0259		0.000149	0.00100	1	02/01/2025 14:40	WG2444147
1,1-Dichloroethene	0.000198	J	0.000188	0.00100	1	02/01/2025 14:40	WG2444147
Vinyl chloride	U	C3 J3 J4	0.000234	0.00100	1	02/01/2025 14:40	WG2444147
(S) Toluene-d8	*113*			*80.0-120*		*02/01/2025 14:40*	WG2444147
(S) 4-Bromofluorobenzene	*108*			*77.0-126*		*02/01/2025 14:40*	WG2444147
(S) 1,2-Dichloroethane-d4	*93.2*			*70.0-130*		*02/01/2025 14:40*	WG2444147

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	0.327		0.00600	0.0200	20	02/01/2025 19:42	WG2444147
Trichloroethene	U		0.00380	0.0200	20	02/01/2025 19:42	WG2444147
cis-1,2-Dichloroethene	0.00404	J	0.00252	0.0200	20	02/01/2025 19:42	WG2444147
trans-1,2-Dichloroethene	U		0.00298	0.0200	20	02/01/2025 19:42	WG2444147
1,1-Dichloroethene	U		0.00376	0.0200	20	02/01/2025 19:42	WG2444147
Vinyl chloride	U	C3 J3 J4	0.00468	0.0200	20	02/01/2025 19:42	WG2444147
(S) Toluene-d8	*112*			*80.0-120*		*02/01/2025 19:42*	WG2444147
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*02/01/2025 19:42*	WG2444147
(S) 1,2-Dichloroethane-d4	*96.0*			*70.0-130*		*02/01/2025 19:42*	WG2444147

Method Blank (MB)

(MB) R4172526-3 01/31/25 11:33

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Tetrachloroethene	U		0.000300	0.00100
Trichloroethene	U		0.000190	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
Vinyl chloride	U		0.000234	0.00100
(S) Toluene-d8	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*93.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*113*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4172526-1 01/31/25 09:46 • (LCSD) R4172526-2 01/31/25 10:07

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Tetrachloroethene	0.00500	0.00518	0.00532	104	106	72.0-132			2.67	20
Trichloroethene	0.00500	0.00466	0.00466	93.2	93.2	78.0-124			0.000	20
cis-1,2-Dichloroethene	0.00500	0.00500	0.00479	100	95.8	73.0-120			4.29	20
trans-1,2-Dichloroethene	0.00500	0.00466	0.00469	93.2	93.8	73.0-120			0.642	20
1,1-Dichloroethene	0.00500	0.00481	0.00472	96.2	94.4	71.0-124			1.89	20
Vinyl chloride	0.00500	0.00545	0.00614	109	123	67.0-131			11.9	20
(S) Toluene-d8				*98.8*	*102*	*80.0-120*				
(S) 4-Bromofluorobenzene				*93.7*	*91.5*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*115*	*111*	*70.0-130*				

L1821275-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1821275-07 01/31/25 16:42 • (MS) R4172526-4 01/31/25 21:45 • (MSD) R4172526-5 01/31/25 22:06

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Tetrachloroethene	0.00500	U	0.00688	0.00720	138	144	1	10.0-160			4.55	27
Trichloroethene	0.00500	U	0.00652	0.00677	130	135	1	10.0-160			3.76	25
cis-1,2-Dichloroethene	0.00500	0.000744	0.00712	0.00739	128	133	1	10.0-160			3.72	27
trans-1,2-Dichloroethene	0.00500	U	0.00638	0.00672	128	134	1	17.0-153			5.19	27
1,1-Dichloroethene	0.00500	U	0.00672	0.00670	134	134	1	11.0-160			0.298	29
Vinyl chloride	0.00500	0.000985	0.0105	0.0104	190	188	1	10.0-160	J5	J5	0.957	27
(S) Toluene-d8					*98.1*	*96.1*		*80.0-120*				
(S) 4-Bromofluorobenzene					*95.1*	*93.9*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*121*	*124*		*70.0-130*				

Method Blank (MB)

(MB) R4172856-2 02/01/25 10:01

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Tetrachloroethene	U		0.000300	0.00100
Trichloroethene	U		0.000190	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
Vinyl chloride	U		0.000234	0.00100
(S) Toluene-d8	*93.2*			*80.0-120*
(S) 4-Bromofluorobenzene	*97.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4172856-1 02/01/25 09:15

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Tetrachloroethene	0.00500	0.00447	89.4	72.0-132	
Trichloroethene	0.00500	0.00485	97.0	78.0-124	
cis-1,2-Dichloroethene	0.00500	0.00534	107	73.0-120	
trans-1,2-Dichloroethene	0.00500	0.00524	105	73.0-120	
1,1-Dichloroethene	0.00500	0.00538	108	71.0-124	
Vinyl chloride	0.00500	0.00615	123	67.0-131	
(S) Toluene-d8			*94.6*	*80.0-120*	
(S) 4-Bromofluorobenzene			*102*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*97.2*	*70.0-130*	

Method Blank (MB)

(MB) R4173130-3 02/01/25 10:46

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Tetrachloroethene	U		0.000300	0.00100
Trichloroethene	U		0.000190	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
Vinyl chloride	U		0.000234	0.00100
(S) Toluene-d8	*112*			*80.0-120*
(S) 4-Bromofluorobenzene	*98.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*93.6*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4173130-1 02/01/25 08:58 • (LCSD) R4173130-2 02/01/25 09:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Tetrachloroethene	0.00500	0.00545	0.00459	109	91.8	72.0-132			17.1	20
Trichloroethene	0.00500	0.00492	0.00435	98.4	87.0	78.0-124			12.3	20
cis-1,2-Dichloroethene	0.00500	0.00481	0.00424	96.2	84.8	73.0-120			12.6	20
trans-1,2-Dichloroethene	0.00500	0.00489	0.00413	97.8	82.6	73.0-120			16.9	20
1,1-Dichloroethene	0.00500	0.00519	0.00430	104	86.0	71.0-124			18.8	20
Vinyl chloride	0.00500	0.00396	0.00313	79.2	62.6	67.0-131		J3 J4	23.4	20
(S) Toluene-d8				*105*	*104*	*80.0-120*				
(S) 4-Bromofluorobenzene				*96.4*	*96.9*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*91.8*	*92.8*	*70.0-130*				

Method Blank (MB)

(MB) R4173767-3 02/04/25 11:39

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Tetrachloroethene	U		0.000300	0.00100
(S) Toluene-d8	*109*			*80.0-120*
(S) 4-Bromofluorobenzene	*102*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4173767-1 02/04/25 10:34 • (LCSD) R4173767-2 02/04/25 10:55

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Tetrachloroethene	0.00500	0.00543	0.00535	109	107	72.0-132			1.48	20
(S) Toluene-d8				*99.6*	*102*	*80.0-120*				
(S) 4-Bromofluorobenzene				*95.4*	*96.8*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*103*	*104*	*70.0-130*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
ERO Resources

1626 Cole Blvd.
Suite 100
Lakewood. CO 80401

Billing Information:
ERO Resources
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Pres Chk

Report to:
Jack Denman 720-812-3576

Email To:
jdenman@eroresources.com;smitchell@eroreso

Project Description:
TSC-Thornton

City/State Collected:

Please Circle: PT MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project #

Lab Project #
ERORESDCO-TSCTHORN

Collected by (print):
Craig Sorka

Site/Facility ID #

P.O. #

Collected by (signature):
Craig Sorka

Immediately
Packed on Ice N___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day ___ STD TAT

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	VOCs 8260 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-27	G	GW		1/27/25	1103	3		X		-01
MW-10		GW		1/28/25	1130					
MW-45 55-60		GW		1/28/25	1100					-02
MW-47 40-45		GW			1245					-03
MW-04		GW			1323					-04
MW-12R		GW			1357					-05
MW-47 48-53		GW			1415					-06
MW-16		GW			1426					-07
MW-NO Dup		GW			1426					-08
MW-46 46-45		GW			1430					-09

Chain of Custody Page 1 of 2

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1262748

D098

Acctnum: ERORESDCO

Template: **T267334**

Prelogin: **P1128284**

PM: **3768 - Jordan Dozier**

PB:

Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 4301 1540 5631

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

	Date:	Time:		
Relinquished by : (Signature) Craig Sorka	1/29/25	16:19	Received by: (Signature)	Trip Blank Received: Yes / No (No) HCL / MeoH TBR
Relinquished by : (Signature)	1-29-25	18:00	Received by: (Signature) Fedex	Temp: 1.4°C Bottles Received: 1.0 1.04 1.4 57
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 01/30/25 Time: 0900

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

PMDCO

Page 2 of 2

Company Name/Address:	Billing Information:
ERO Resources **1626 Cole Blvd.** **Suite 100** **Lakewood, CO 80401**	**ERO Resources** **1626 Cole Blvd.** **Suite 100** **Lakewood, CO 80401**
Report to: **Jack Denman 720-812-3576**	Email To: **jdenman@eroresources.com;smitchell@eroreso**

Project Description:	City/State Collected:	Please Circle: PT MT CT ET
TSC-Thornton		

Regulatory Program(DOD,RCRA,DW,etc):	Client Project #	Lab Project #
		ERORESDCO-TSCTHORN
Collected by (print):	Site/Facility ID #	P.O. #
Collected by (signature):	***Rush?*** (Lab MUST Be Notified)	**Quote #**

Immediately Packed on Ice N____ Y____

___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day ___ STD TAT

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	VOCs 8260 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-46 48-53	G	GW		1/28/25	1440	3		X		-10
MW-46 55-60		GW			1450					-11
MW-35		GW			1454					-12
MW-39		GW		1/29/25	0955					-13
MW-39 Dup		GW			0955					-14
MW-23D 47-52		GW			1036					-15
MW-23D 47-52 Dup		GW			1037					-16
MW-23D 56.5-61.5		GW			1045					-17
MW-34		GW			1049					-18
MW-23D 31-33.5		GW			1055					-19

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Craig Scott	1/29/25	16:19	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	1-29-25	18:00	FedEx
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / (No) HCL / MeoH TBR

Temp: 1.0 1.0-1.4 °C Bottles Received: 57

Date: 01/30/25 Time: 0900

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y N
COC Signed/Accurate:		Y N
Bottles arrive intact:		Y N
Correct bottles used:		Y N
Sufficient volume sent:		Y N
If Applicable		
VOA Zero Headspace:		Y N
Preservation Correct/Checked:		Y N
RAD Screen <0.5 mR/hr:		Y N

Chain of Custody

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1621747
Table #
Acctnum: **ERORESDCO**
Template: **T267334**
Prelogin: **P1128284**
PM: **3768 - Jordan Dozier**
PB:
Shipped Via: **FedEX Ground**

PNXO

01/30/25-L1821347-ERORESDCO R2/R3/R4/RX/EX

Time estimate: oh **Time spent:** oh **Grouping date:** 31 January 2025

Members

DP Devin Piedimonte (responsible) JD Jordan Dozier

- [x] Login Clarification needed
- [ ] Chain of custody is incomplete
- [ ] Please specify Metals requested
- [ ] Please specify TCLP requested
- [ ] Received additional samples not listed on COC
- [ ] Sample IDs on containers do not match IDs on COC
- [ ] Client did not "X" analysis
- [ ] Chain of Custody is missing
- [ ] If no COC: Received by:_____
- [ ] If no COC: Date/Time:_____
- [ ] If no COC: Temp./Cont.Rec./pH:_____
- [ ] If no COC: Carrier:_____
- [ ] If no COC: Tracking #:_____
- [ ] Client informed by call
- [ ] Client informed by Email
- [ ] Client informed by Voicemail
- [ ] Date/Time:_____
- [ ] PM initials:_____
- [ ] Client Contact:_____

Comments

Devin Piedimonte *30 January 2025 9:54 AM*

Received ID MW-10 broken. All three vials were broken.

Jordan Dozier *30 January 2025 12:27 PM*

Understood thanks. Please proceed with the rest of the samples. Client will submit extras tomorrow on another SDG.

Devin Piedimonte *31 January 2025 9:08 AM*

Thank you for your time and help. Completed!

ANALYTICAL REPORT

February 07, 2025

ERO Resources

Sample Delivery Group:	L1821900
Samples Received:	01/31/2025
Project Number:	
Description:	TSC-Thornton

Report To:

Jack Denman
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Entire Report Reviewed By:

J Dozier

Jordan Dozier
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

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MW-30 L1821900-01 GW

Collected by: Craig Sovka | Collected date/time: 01/29/25 11:20 | Received date/time: 01/31/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444302	1	02/01/25 22:40	02/01/25 22:40	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2447290	10	02/06/25 23:37	02/06/25 23:37	DWR	Mt. Juliet, TN

MW-25 L1821900-02 GW

Collected by: Craig Sovka | Collected date/time: 01/29/25 11:48 | Received date/time: 01/31/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444302	1	02/01/25 23:02	02/01/25 23:02	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2447290	10	02/06/25 23:59	02/06/25 23:59	DWR	Mt. Juliet, TN

MW-02 L1821900-03 GW

Collected by: Craig Sovka | Collected date/time: 01/29/25 12:32 | Received date/time: 01/31/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444302	1	02/01/25 23:23	02/01/25 23:23	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2447290	10	02/07/25 00:20	02/07/25 00:20	DWR	Mt. Juliet, TN

MW-15 L1821900-04 GW

Collected by: Craig Sovka | Collected date/time: 01/29/25 12:59 | Received date/time: 01/31/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2443313	10	02/01/25 23:43	02/01/25 23:43	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444302	1	02/01/25 23:45	02/01/25 23:45	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2447290	50	02/07/25 00:42	02/07/25 00:42	DWR	Mt. Juliet, TN

MW-06 L1821900-05 GW

Collected by: Craig Sovka | Collected date/time: 01/29/25 13:30 | Received date/time: 01/31/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444302	1	02/02/25 00:06	02/02/25 00:06	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2447290	50	02/07/25 01:03	02/07/25 01:03	DWR	Mt. Juliet, TN

MW-06 DUP L1821900-06 GW

Collected by: Craig Sovka | Collected date/time: 01/29/25 13:30 | Received date/time: 01/31/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444302	1	02/02/25 00:28	02/02/25 00:28	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2447290	50	02/07/25 01:24	02/07/25 01:24	DWR	Mt. Juliet, TN

MW-22D 55-60 L1821900-07 GW

Collected by: Craig Sovka | Collected date/time: 01/29/25 13:45 | Received date/time: 01/31/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444302	1	02/02/25 00:50	02/02/25 00:50	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2447290	2000	02/07/25 01:46	02/07/25 01:46	DWR	Mt. Juliet, TN

MW-13 L1821900-08 GW

Collected by: Craig Sovka | Collected date/time: 01/29/25 14:04 | Received date/time: 01/31/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2443313	10	02/01/25 23:53	02/01/25 23:53	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444302	1	02/02/25 01:12	02/02/25 01:12	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2447290	200	02/07/25 02:07	02/07/25 02:07	DWR	Mt. Juliet, TN

MW-22D 41-46 L1821900-09 GW

Collected by: Craig Sovka | Collected date/time: 01/29/25 14:05 | Received date/time: 01/31/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444302	1	02/02/25 01:34	02/02/25 01:34	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2447290	200	02/07/25 02:29	02/07/25 02:29	DWR	Mt. Juliet, TN

MW-22D 41-46 DUP L1821900-10 GW

Collected by: Craig Sovka | Collected date/time: 01/29/25 14:07 | Received date/time: 01/31/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444302	1	02/02/25 01:56	02/02/25 01:56	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2447290	200	02/07/25 02:50	02/07/25 02:50	DWR	Mt. Juliet, TN

MW-22D 30-35 L1821900-11 GW

Collected by: Craig Sovka | Collected date/time: 01/29/25 14:15 | Received date/time: 01/31/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444302	1	02/02/25 02:18	02/02/25 02:18	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2447290	200	02/07/25 03:11	02/07/25 03:11	DWR	Mt. Juliet, TN

MW-22D 35-40 L1821900-12 GW

Collected by: Craig Sovka | Collected date/time: 01/29/25 14:20 | Received date/time: 01/31/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444302	1	02/02/25 02:40	02/02/25 02:40	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2447290	250	02/07/25 03:33	02/07/25 03:33	DWR	Mt. Juliet, TN

MW-14 L1821900-13 GW

Collected by: Craig Sovka | Collected date/time: 01/29/25 14:29 | Received date/time: 01/31/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2443313	10	02/02/25 00:02	02/02/25 00:02	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444302	1	02/02/25 03:02	02/02/25 03:02	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2447290	250	02/07/25 03:54	02/07/25 03:54	DWR	Mt. Juliet, TN

MW-22D 48-53 L1821900-14 GW

Collected by: Craig Sovka | Collected date/time: 01/29/25 14:30 | Received date/time: 01/31/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444302	1	02/02/25 03:24	02/02/25 03:24	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2447290	250	02/07/25 04:16	02/07/25 04:16	DWR	Mt. Juliet, TN

MW-09 L1821900-15 GW

Collected by: Craig Sovka
Collected date/time: 01/30/25 10:26
Received date/time: 01/31/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444302	1	02/02/25 03:45	02/02/25 03:45	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2447290	50	02/07/25 04:37	02/07/25 04:37	DWR	Mt. Juliet, TN

MW-11 L1821900-16 GW

Collected by: Craig Sovka
Collected date/time: 01/30/25 10:54
Received date/time: 01/31/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444302	1	02/02/25 04:07	02/02/25 04:07	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2447290	500	02/07/25 04:58	02/07/25 04:58	DWR	Mt. Juliet, TN

MW-10 L1821900-17 GW

Collected by: Craig Sovka
Collected date/time: 01/30/25 11:16
Received date/time: 01/31/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2444302	1	02/02/25 04:29	02/02/25 04:29	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2447290	1	02/06/25 23:16	02/06/25 23:16	DWR	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Jordan Dozier
Project Manager

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.207		0.00300	0.0100	10	02/06/2025 23:37	WG2447290
Trichloroethene	0.00604		0.000190	0.00100	1	02/01/2025 22:40	WG2444302
cis-1,2-Dichloroethene	0.000821	J	0.000126	0.00100	1	02/01/2025 22:40	WG2444302
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	02/01/2025 22:40	WG2444302
1,1-Dichloroethene	U		0.000188	0.00100	1	02/01/2025 22:40	WG2444302
Vinyl chloride	U	C3	0.000234	0.00100	1	02/01/2025 22:40	WG2444302
(S) Toluene-d8	*111*			*80.0-120*		*02/01/2025 22:40*	WG2444302
(S) Toluene-d8	*111*			*80.0-120*		*02/06/2025 23:37*	WG2447290
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*02/01/2025 22:40*	WG2444302
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*02/06/2025 23:37*	WG2447290
(S) 1,2-Dichloroethane-d4	*90.1*			*70.0-130*		*02/01/2025 22:40*	WG2444302
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*02/06/2025 23:37*	WG2447290

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.283		0.00300	0.0100	10	02/06/2025 23:59	WG2447290
Trichloroethene	0.0403		0.000190	0.00100	1	02/01/2025 23:02	WG2444302
cis-1,2-Dichloroethene	0.00371		0.000126	0.00100	1	02/01/2025 23:02	WG2444302
trans-1,2-Dichloroethene	0.000255	J	0.000149	0.00100	1	02/01/2025 23:02	WG2444302
1,1-Dichloroethene	U		0.000188	0.00100	1	02/01/2025 23:02	WG2444302
Vinyl chloride	U	C3	0.000234	0.00100	1	02/01/2025 23:02	WG2444302
(S) Toluene-d8	*117*			*80.0-120*		*02/01/2025 23:02*	WG2444302
(S) Toluene-d8	*108*			*80.0-120*		*02/06/2025 23:59*	WG2447290
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*02/01/2025 23:02*	WG2444302
(S) 4-Bromofluorobenzene	*99.1*			*77.0-126*		*02/06/2025 23:59*	WG2447290
(S) 1,2-Dichloroethane-d4	*90.9*			*70.0-130*		*02/01/2025 23:02*	WG2444302
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*02/06/2025 23:59*	WG2447290

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.424		0.00300	0.0100	10	02/07/2025 00:20	WG2447290
Trichloroethene	0.00258		0.000190	0.00100	1	02/01/2025 23:23	WG2444302
cis-1,2-Dichloroethene	0.00295		0.000126	0.00100	1	02/01/2025 23:23	WG2444302
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	02/01/2025 23:23	WG2444302
1,1-Dichloroethene	U		0.000188	0.00100	1	02/01/2025 23:23	WG2444302
Vinyl chloride	U	C3	0.000234	0.00100	1	02/01/2025 23:23	WG2444302
(S) Toluene-d8	*116*			*80.0-120*		*02/01/2025 23:23*	WG2444302
(S) Toluene-d8	*109*			*80.0-120*		*02/07/2025 00:20*	WG2447290
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*02/01/2025 23:23*	WG2444302
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*02/07/2025 00:20*	WG2447290
(S) 1,2-Dichloroethane-d4	*89.8*			*70.0-130*		*02/01/2025 23:23*	WG2444302
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*02/07/2025 00:20*	WG2447290

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	630		5.47	10.0	10	02/01/2025 23:43	WG2443313

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	2.03		0.0150	0.0500	50	02/07/2025 00:42	WG2447290
Trichloroethene	0.0120		0.000190	0.00100	1	02/01/2025 23:45	WG2444302
cis-1,2-Dichloroethene	0.0160		0.000126	0.00100	1	02/01/2025 23:45	WG2444302
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	02/01/2025 23:45	WG2444302
1,1-Dichloroethene	U		0.000188	0.00100	1	02/01/2025 23:45	WG2444302
Vinyl chloride	U	C3	0.000234	0.00100	1	02/01/2025 23:45	WG2444302
(S) Toluene-d8	*110*			*80.0-120*		*02/01/2025 23:45*	WG2444302
(S) Toluene-d8	*111*			*80.0-120*		*02/07/2025 00:42*	WG2447290
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*02/01/2025 23:45*	WG2444302
(S) 4-Bromofluorobenzene	*106*			*77.0-126*		*02/07/2025 00:42*	WG2447290
(S) 1,2-Dichloroethane-d4	*90.0*			*70.0-130*		*02/01/2025 23:45*	WG2444302
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*02/07/2025 00:42*	WG2447290

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	2.39		0.0150	0.0500	50	02/07/2025 01:03	WG2447290
Trichloroethene	0.0198		0.000190	0.00100	1	02/02/2025 00:06	WG2444302
cis-1,2-Dichloroethene	0.0389		0.000126	0.00100	1	02/02/2025 00:06	WG2444302
trans-1,2-Dichloroethene	0.000201	J	0.000149	0.00100	1	02/02/2025 00:06	WG2444302
1,1-Dichloroethene	0.000595	J	0.000188	0.00100	1	02/02/2025 00:06	WG2444302
Vinyl chloride	0.00200	C3	0.000234	0.00100	1	02/02/2025 00:06	WG2444302
(S) Toluene-d8	*109*			*80.0-120*		*02/02/2025 00:06*	WG2444302
(S) Toluene-d8	*109*			*80.0-120*		*02/07/2025 01:03*	WG2447290
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*02/02/2025 00:06*	WG2444302
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*02/07/2025 01:03*	WG2447290
(S) 1,2-Dichloroethane-d4	*91.8*			*70.0-130*		*02/02/2025 00:06*	WG2444302
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*02/07/2025 01:03*	WG2447290

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	2.34		0.0150	0.0500	50	02/07/2025 01:24	WG2447290
Trichloroethene	0.0201		0.000190	0.00100	1	02/02/2025 00:28	WG2444302
cis-1,2-Dichloroethene	0.0393		0.000126	0.00100	1	02/02/2025 00:28	WG2444302
trans-1,2-Dichloroethene	0.000240	J	0.000149	0.00100	1	02/02/2025 00:28	WG2444302
1,1-Dichloroethene	0.000650	J	0.000188	0.00100	1	02/02/2025 00:28	WG2444302
Vinyl chloride	0.00205	C3	0.000234	0.00100	1	02/02/2025 00:28	WG2444302
(S) Toluene-d8	*107*			*80.0-120*		*02/02/2025 00:28*	WG2444302
(S) Toluene-d8	*111*			*80.0-120*		*02/07/2025 01:24*	WG2447290
(S) 4-Bromofluorobenzene	*99.8*			*77.0-126*		*02/02/2025 00:28*	WG2444302
(S) 4-Bromofluorobenzene	*107*			*77.0-126*		*02/07/2025 01:24*	WG2447290
(S) 1,2-Dichloroethane-d4	*90.4*			*70.0-130*		*02/02/2025 00:28*	WG2444302
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*02/07/2025 01:24*	WG2447290

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	92.5		0.600	2.00	2000	02/07/2025 01:46	WG2447290
Trichloroethene	0.0507		0.000190	0.00100	1	02/02/2025 00:50	WG2444302
cis-1,2-Dichloroethene	0.000313	J	0.000126	0.00100	1	02/02/2025 00:50	WG2444302
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	02/02/2025 00:50	WG2444302
1,1-Dichloroethene	0.00694		0.000188	0.00100	1	02/02/2025 00:50	WG2444302
Vinyl chloride	U	C3	0.000234	0.00100	1	02/02/2025 00:50	WG2444302
(S) Toluene-d8	*102*			*80.0-120*		*02/02/2025 00:50*	WG2444302
(S) Toluene-d8	*112*			*80.0-120*		*02/07/2025 01:46*	WG2447290
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*02/02/2025 00:50*	WG2444302
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*02/07/2025 01:46*	WG2447290
(S) 1,2-Dichloroethane-d4	*89.6*			*70.0-130*		*02/02/2025 00:50*	WG2444302
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*02/07/2025 01:46*	WG2447290

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	453		5.47	10.0	10	02/01/2025 23:53	WG2443313

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	8.88		0.0600	0.200	200	02/07/2025 02:07	WG2447290
Trichloroethene	0.0528		0.000190	0.00100	1	02/02/2025 01:12	WG2444302
cis-1,2-Dichloroethene	0.0912		0.000126	0.00100	1	02/02/2025 01:12	WG2444302
trans-1,2-Dichloroethene	0.000924	J	0.000149	0.00100	1	02/02/2025 01:12	WG2444302
1,1-Dichloroethene	0.00108		0.000188	0.00100	1	02/02/2025 01:12	WG2444302
Vinyl chloride	0.00114	C3	0.000234	0.00100	1	02/02/2025 01:12	WG2444302
(S) Toluene-d8	*106*			*80.0-120*		*02/02/2025 01:12*	WG2444302
(S) Toluene-d8	*109*			*80.0-120*		*02/07/2025 02:07*	WG2447290
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*02/02/2025 01:12*	WG2444302
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*02/07/2025 02:07*	WG2447290
(S) 1,2-Dichloroethane-d4	*88.2*			*70.0-130*		*02/02/2025 01:12*	WG2444302
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*02/07/2025 02:07*	WG2447290

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	6.96		0.0600	0.200	200	02/07/2025 02:29	WG2447290
Trichloroethene	0.0132		0.000190	0.00100	1	02/02/2025 01:34	WG2444302
cis-1,2-Dichloroethene	0.00449		0.000126	0.00100	1	02/02/2025 01:34	WG2444302
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	02/02/2025 01:34	WG2444302
1,1-Dichloroethene	0.000221	J	0.000188	0.00100	1	02/02/2025 01:34	WG2444302
Vinyl chloride	U	C3	0.000234	0.00100	1	02/02/2025 01:34	WG2444302
(S) Toluene-d8	*107*			*80.0-120*		*02/02/2025 01:34*	WG2444302
(S) Toluene-d8	*108*			*80.0-120*		*02/07/2025 02:29*	WG2447290
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*02/02/2025 01:34*	WG2444302
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*02/07/2025 02:29*	WG2447290
(S) 1,2-Dichloroethane-d4	*91.2*			*70.0-130*		*02/02/2025 01:34*	WG2444302
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*02/07/2025 02:29*	WG2447290

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	6.87		0.0600	0.200	200	02/07/2025 02:50	WG2447290
Trichloroethene	0.0154		0.000190	0.00100	1	02/02/2025 01:56	WG2444302
cis-1,2-Dichloroethene	0.00463		0.000126	0.00100	1	02/02/2025 01:56	WG2444302
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	02/02/2025 01:56	WG2444302
1,1-Dichloroethene	0.000288	J	0.000188	0.00100	1	02/02/2025 01:56	WG2444302
Vinyl chloride	U	C3	0.000234	0.00100	1	02/02/2025 01:56	WG2444302
(S) Toluene-d8	*105*			*80.0-120*		*02/02/2025 01:56*	WG2444302
(S) Toluene-d8	*113*			*80.0-120*		*02/07/2025 02:50*	WG2447290
(S) 4-Bromofluorobenzene	*97.9*			*77.0-126*		*02/02/2025 01:56*	WG2444302
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*02/07/2025 02:50*	WG2447290
(S) 1,2-Dichloroethane-d4	*91.6*			*70.0-130*		*02/02/2025 01:56*	WG2444302
(S) 1,2-Dichloroethane-d4	*112*			*70.0-130*		*02/07/2025 02:50*	WG2447290

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	9.62		0.0600	0.200	200	02/07/2025 03:11	WG2447290
Trichloroethene	0.0168		0.000190	0.00100	1	02/02/2025 02:18	WG2444302
cis-1,2-Dichloroethene	0.00238		0.000126	0.00100	1	02/02/2025 02:18	WG2444302
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	02/02/2025 02:18	WG2444302
1,1-Dichloroethene	U		0.000188	0.00100	1	02/02/2025 02:18	WG2444302
Vinyl chloride	U	C3	0.000234	0.00100	1	02/02/2025 02:18	WG2444302
(S) Toluene-d8	*104*			*80.0-120*		*02/02/2025 02:18*	WG2444302
(S) Toluene-d8	*111*			*80.0-120*		*02/07/2025 03:11*	WG2447290
(S) 4-Bromofluorobenzene	*98.4*			*77.0-126*		*02/02/2025 02:18*	WG2444302
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*02/07/2025 03:11*	WG2447290
(S) 1,2-Dichloroethane-d4	*90.1*			*70.0-130*		*02/02/2025 02:18*	WG2444302
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*02/07/2025 03:11*	WG2447290

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	15.8		0.0750	0.250	250	02/07/2025 03:33	WG2447290
Trichloroethene	0.0251		0.000190	0.00100	1	02/02/2025 02:40	WG2444302
cis-1,2-Dichloroethene	0.00992		0.000126	0.00100	1	02/02/2025 02:40	WG2444302
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	02/02/2025 02:40	WG2444302
1,1-Dichloroethene	0.000446	J	0.000188	0.00100	1	02/02/2025 02:40	WG2444302
Vinyl chloride	U	C3	0.000234	0.00100	1	02/02/2025 02:40	WG2444302
(S) Toluene-d8	*105*			*80.0-120*		*02/02/2025 02:40*	WG2444302
(S) Toluene-d8	*109*			*80.0-120*		*02/07/2025 03:33*	WG2447290
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*02/02/2025 02:40*	WG2444302
(S) 4-Bromofluorobenzene	*99.3*			*77.0-126*		*02/07/2025 03:33*	WG2447290
(S) 1,2-Dichloroethane-d4	*91.3*			*70.0-130*		*02/02/2025 02:40*	WG2444302
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*02/07/2025 03:33*	WG2447290

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	431		5.47	10.0	10	02/02/2025 00:02	WG2443313

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	11.3		0.0750	0.250	250	02/07/2025 03:54	WG2447290
Trichloroethene	0.0517		0.000190	0.00100	1	02/02/2025 03:02	WG2444302
cis-1,2-Dichloroethene	0.0857		0.000126	0.00100	1	02/02/2025 03:02	WG2444302
trans-1,2-Dichloroethene	0.00100	J	0.000149	0.00100	1	02/02/2025 03:02	WG2444302
1,1-Dichloroethene	0.00110		0.000188	0.00100	1	02/02/2025 03:02	WG2444302
Vinyl chloride	0.000563	C3 J	0.000234	0.00100	1	02/02/2025 03:02	WG2444302
(S) Toluene-d8	*105*			*80.0-120*		*02/02/2025 03:02*	WG2444302
(S) Toluene-d8	*109*			*80.0-120*		*02/07/2025 03:54*	WG2447290
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*02/02/2025 03:02*	WG2444302
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*02/07/2025 03:54*	WG2447290
(S) 1,2-Dichloroethane-d4	*92.4*			*70.0-130*		*02/02/2025 03:02*	WG2444302
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*02/07/2025 03:54*	WG2447290

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	10.8		0.0750	0.250	250	02/07/2025 04:16	WG2447290
Trichloroethene	0.0333		0.000190	0.00100	1	02/02/2025 03:24	WG2444302
cis-1,2-Dichloroethene	0.00171		0.000126	0.00100	1	02/02/2025 03:24	WG2444302
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	02/02/2025 03:24	WG2444302
1,1-Dichloroethene	U		0.000188	0.00100	1	02/02/2025 03:24	WG2444302
Vinyl chloride	U	C3	0.000234	0.00100	1	02/02/2025 03:24	WG2444302
(S) Toluene-d8	*107*			*80.0-120*		*02/02/2025 03:24*	WG2444302
(S) Toluene-d8	*112*			*80.0-120*		*02/07/2025 04:16*	WG2447290
(S) 4-Bromofluorobenzene	*104*			*77.0-126*		*02/02/2025 03:24*	WG2444302
(S) 4-Bromofluorobenzene	*99.4*			*77.0-126*		*02/07/2025 04:16*	WG2447290
(S) 1,2-Dichloroethane-d4	*91.8*			*70.0-130*		*02/02/2025 03:24*	WG2444302
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*02/07/2025 04:16*	WG2447290

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	1.99		0.0150	0.0500	50	02/07/2025 04:37	WG2447290
Trichloroethene	0.0200		0.000190	0.00100	1	02/02/2025 03:45	WG2444302
cis-1,2-Dichloroethene	0.0464		0.000126	0.00100	1	02/02/2025 03:45	WG2444302
trans-1,2-Dichloroethene	0.000404	J	0.000149	0.00100	1	02/02/2025 03:45	WG2444302
1,1-Dichloroethene	0.000407	J	0.000188	0.00100	1	02/02/2025 03:45	WG2444302
Vinyl chloride	0.000575	C3 J	0.000234	0.00100	1	02/02/2025 03:45	WG2444302
(S) Toluene-d8	*112*			*80.0-120*		*02/02/2025 03:45*	WG2444302
(S) Toluene-d8	*113*			*80.0-120*		*02/07/2025 04:37*	WG2447290
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*02/02/2025 03:45*	WG2444302
(S) 4-Bromofluorobenzene	*98.3*			*77.0-126*		*02/07/2025 04:37*	WG2447290
(S) 1,2-Dichloroethane-d4	*93.8*			*70.0-130*		*02/02/2025 03:45*	WG2444302
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*02/07/2025 04:37*	WG2447290

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	35.0		0.150	0.500	500	02/07/2025 04:58	WG2447290
Trichloroethene	0.328	J	0.0950	0.500	500	02/07/2025 04:58	WG2447290
cis-1,2-Dichloroethene	0.545		0.0630	0.500	500	02/07/2025 04:58	WG2447290
trans-1,2-Dichloroethene	0.00903		0.000149	0.00100	1	02/02/2025 04:07	WG2444302
1,1-Dichloroethene	0.00353		0.000188	0.00100	1	02/02/2025 04:07	WG2444302
Vinyl chloride	0.00269	C3	0.000234	0.00100	1	02/02/2025 04:07	WG2444302
(S) Toluene-d8	*101*			*80.0-120*		*02/02/2025 04:07*	WG2444302
(S) Toluene-d8	*113*			*80.0-120*		*02/07/2025 04:58*	WG2447290
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*02/02/2025 04:07*	WG2444302
(S) 4-Bromofluorobenzene	*103*			*77.0-126*		*02/07/2025 04:58*	WG2447290
(S) 1,2-Dichloroethane-d4	*90.1*			*70.0-130*		*02/02/2025 04:07*	WG2444302
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*02/07/2025 04:58*	WG2447290

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.000429	J	0.000300	0.00100	1	02/06/2025 23:16	WG2447290
Trichloroethene	U		0.000190	0.00100	1	02/06/2025 23:16	WG2447290
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	02/06/2025 23:16	WG2447290
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	02/02/2025 04:29	WG2444302
1,1-Dichloroethene	U		0.000188	0.00100	1	02/02/2025 04:29	WG2444302
Vinyl chloride	U	C3	0.000234	0.00100	1	02/02/2025 04:29	WG2444302
(S) Toluene-d8	*112*			*80.0-120*		*02/02/2025 04:29*	WG2444302
(S) Toluene-d8	*110*			*80.0-120*		*02/06/2025 23:16*	WG2447290
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*02/02/2025 04:29*	WG2444302
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*02/06/2025 23:16*	WG2447290
(S) 1,2-Dichloroethane-d4	*94.0*			*70.0-130*		*02/02/2025 04:29*	WG2444302
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*02/06/2025 23:16*	WG2447290

Method Blank (MB)

(MB) R4172621-1 02/01/25 19:57

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00

L1821763-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1821763-01 02/01/25 21:59 • (DUP) R4172621-3 02/01/25 22:08

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	77.4	76.6	1	1.03		15

L1821800-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1821800-01 02/01/25 23:05 • (DUP) R4172621-6 02/01/25 23:15

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	19.8	19.5	1	1.39		15

Laboratory Control Sample (LCS)

(LCS) R4172621-2 02/01/25 20:05

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	39.6	98.9	80.0-120	

L1821763-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1821763-01 02/01/25 21:59 • (MS) R4172621-4 02/01/25 22:18 • (MSD) R4172621-5 02/01/25 22:27

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	77.4	101	101	59.1	57.9	1	80.0-120	E J6	E J6	0.461	15

L1821800-01 Original Sample (OS) • Matrix Spike (MS)

(OS) L1821800-01 02/01/25 23:05 • (MS) R4172621-7 02/01/25 23:24

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	19.8	55.9	90.2	1	80.0-120	

Method Blank (MB)

(MB) R4174065-3 02/01/25 21:51

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Trichloroethene	U		0.000190	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
Vinyl chloride	U		0.000234	0.00100
(S) Toluene-d8	*114*			*80.0-120*
(S) 4-Bromofluorobenzene	*103*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*93.9*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4174065-1 02/01/25 20:47 • (LCSD) R4174065-2 02/01/25 21:08

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Trichloroethene	0.00500	0.00484	0.00483	96.8	96.6	78.0-124			0.207	20
cis-1,2-Dichloroethene	0.00500	0.00463	0.00449	92.6	89.8	73.0-120			3.07	20
trans-1,2-Dichloroethene	0.00500	0.00456	0.00450	91.2	90.0	73.0-120			1.32	20
1,1-Dichloroethene	0.00500	0.00494	0.00504	98.8	101	71.0-124			2.00	20
Vinyl chloride	0.00500	0.00372	0.00377	74.4	75.4	67.0-131			1.34	20
(S) Toluene-d8				*104*	*105*	*80.0-120*				
(S) 4-Bromofluorobenzene				*97.6*	*94.2*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*93.5*	*92.9*	*70.0-130*				

Method Blank (MB)

(MB) R4174352-3 02/06/25 21:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Tetrachloroethene	U		0.000300	0.00100
Trichloroethene	U		0.000190	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
(S) Toluene-d8	*109*			*80.0-120*
(S) 4-Bromofluorobenzene	*103*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4174352-1 02/06/25 19:55 • (LCSD) R4174352-2 02/06/25 20:17

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Tetrachloroethene	0.00500	0.00560	0.00584	112	117	72.0-132			4.20	20
Trichloroethene	0.00500	0.00511	0.00503	102	101	78.0-124			1.58	20
cis-1,2-Dichloroethene	0.00500	0.00459	0.00476	91.8	95.2	73.0-120			3.64	20
(S) Toluene-d8				*98.6*	*99.6*	*80.0-120*				
(S) 4-Bromofluorobenzene				*97.6*	*96.9*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*104*	*105*	*70.0-130*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:	Billing Information:
ERO Resources **1626 Cole Blvd.** **Suite 100** **Lakewood. CO 80401**	**ERO Resources** **1626 Cole Blvd.** **Suite 100** **Lakewood, CO 80401**
Report to: **Jack Denman 720-812-3576**	Email To: **jdenman@eroresources.com;smitchell@eroreso**
Project Description: **TSC-Thornton**	City/State Collected:

Please Circle: PT MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):	Client Project #	Lab Project # **ERORESDCO-TSCTHORN**
Collected by (print): Craig Sovka	Site/Facility ID #	P.O. #
Collected by (signature): Craig Sovka Immediately Packed on Ice N ___ Y X	***Rush?*** (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day ___ STD TAT	**Quote #** Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1821900

E209

Acctnum: **ERORESDCO**
Template: **T267334**
Prelogin: **P1128284**
PM: **3768 - Jordan Dozier**
PB:
Shipped Via: **FedEX Ground**

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	VOCs 8260 40mlAmb-HCl	Remarks	Sample # (lab only)
MW-30	G	GW		1/29/25	1120	3		X		-01
MW-25		GW			1148	1				-02
MW-02		GW			1232	↓				-03
MW-16		GW			1259	4	X			-04
MW-06		GW			1330	3				-05
MW-06 Dup		GW			1330	↓				-06
MW-22D 55-60		GW			1345	↓				-07
MW-13		GW			1404	4	X			-08
MW-22D 41-46		GW			1405	3				-09
MW-22D 41-46 Dup	↓	GW		↓	1407	3		↓		-10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier _____

Tracking # multi

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y	N
COC Signed/Accurate:		Y	N
Bottles arrive intact:		Y	N
Correct bottles used:		Y	N
Sufficient volume sent:		Y	N
If Applicable			
VOA Zero Headspace:		Y	N
Preservation Correct/Checked:		Y	N
RAD Screen <0.5 mR/hr:		Y	N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Craig Sovka	1/30/25	1335			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C	Bottles Received:
	1-30-25	18:00	Fedex	multi	54
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:
				1-31-25	0900

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

PNDCO

Company Name/Address:
ERO Resources

1626 Cole Blvd.
Suite 100
Lakewood. CO 80401

Billing Information:
ERO Resources
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Report to:
Jack Denman 720-812-3576

Email To:
jdenman@eroresources.com;smitchell@eroreso

Project Description:
TSC-Thornton

City/State Collected:

Please Circle: PT MT CT ET

Regulatory Program(DOD,RCRA,DW,etc):

Client Project #

Lab Project #
ERORESDCO-TSCTHORN

Collected by (print):

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately
Packed on Ice N____ Y____

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day ___ STD TAT

Quote #

Date Results Needed

Analysis / Container / Preservative

Pres Chk

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	CHLORIDE 125mlHDPE-NoPres	VOCs 8260 40mlAmb-HCl
MW-22D 30-35	G	GW		1/29/25	1415	3		X
MW-22D 35-40		GW			1420	3		
MW-14		GW			1429	4	X	
MW-22D 48-53		GW			1430	3		
MW-09		GW		1/30/25	1026			
MW-11		GW			1054			
MW-10		GW			1116			
		GW						

Chain of Custody Page 2 of 2

Pace
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MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1821900

Table #

Acctnum: **ERORESDCO**
Template: **T267334**
Prelogin: **P1128284**
PM: **3768 - Jordan Dozier**
PB:

Shipped Via: **FedEX Ground**

Remarks	Sample # (lab only)
	-11
	-12
	-13
	-14
	-15
	-16
	-17

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # multi

Sample Receipt Checklist
COC Seal Present/Intact: __NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Craig Sosta	1/30/25	1335	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	1-30-25	18:00	FedEx
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			Eric Dawson 17

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: °C multi Bottles Received: 54

Date: 1-31-25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

PNDCO

L# 482900

Fed Ex tracking #	Gun ID	Temperature
4301 1540 5620	TLA9	1.3 + 0.4 = 1.7
4301 1540 5610	TLA9	0.1 + 0.4 = 0.5

EI: Dossett

Name

1-31-25

Date

ANALYTICAL REPORT

May 05, 2025

ERO Resources

Sample Delivery Group:	L1850384
Samples Received:	04/22/2025
Project Number:	24-260
Description:	TSC

Report To:

Jack Denman
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Entire Report Reviewed By:

Naomi M Sackett
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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MW-40 L1850384-01 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 10:02 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500362	1	04/25/25 23:37	04/25/25 23:37	DYW	Mt. Juliet, TN

MW-41 L1850384-02 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 10:27 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500362	1	04/26/25 00:00	04/26/25 00:00	DYW	Mt. Juliet, TN

MW-42 L1850384-03 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 10:52 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500362	1	04/26/25 00:24	04/26/25 00:24	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2504164	20	05/01/25 16:19	05/01/25 16:19	KST	Mt. Juliet, TN

MW-43 L1850384-04 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 11:16 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500362	1	04/26/25 00:48	04/26/25 00:48	DYW	Mt. Juliet, TN

MW-45 40-45 L1850384-05 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 11:19 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500362	1	04/26/25 01:11	04/26/25 01:11	DYW	Mt. Juliet, TN

MW-45 48-53 L1850384-06 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 11:22 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500362	1	04/26/25 01:35	04/26/25 01:35	DYW	Mt. Juliet, TN

MW-44 L1850384-07 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 11:48 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500362	1	04/26/25 01:58	04/26/25 01:58	DYW	Mt. Juliet, TN

MW-31 L1850384-08 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 12:13 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500362	1	04/26/25 02:22	04/26/25 02:22	DYW	Mt. Juliet, TN

MW-45 55-60 L1850384-09 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 12:40 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500362	1	04/26/25 02:45	04/26/25 02:45	DYW	Mt. Juliet, TN

MW-32 L1850384-10 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 12:41 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500362	1	04/26/25 03:09	04/26/25 03:09	DYW	Mt. Juliet, TN

MW-46 40-45 L1850384-11 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 12:48 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500362	1	04/26/25 03:33	04/26/25 03:33	DYW	Mt. Juliet, TN

MW-46 48-53 L1850384-12 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 12:50 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500362	1	04/26/25 03:56	04/26/25 03:56	DYW	Mt. Juliet, TN

MW-46 55-60 L1850384-13 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 12:55 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500362	1	04/26/25 04:20	04/26/25 04:20	DYW	Mt. Juliet, TN

MW-33 L1850384-14 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 13:06 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500362	1	04/26/25 04:43	04/26/25 04:43	DYW	Mt. Juliet, TN

MW-03 L1850384-15 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 13:33 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500362	1	04/26/25 05:07	04/26/25 05:07	DYW	Mt. Juliet, TN

MW-12R L1850384-16 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 13:56 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500362	1	04/26/25 05:31	04/26/25 05:31	DYW	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2504164	10	05/01/25 16:41	05/01/25 16:41	KST	Mt. Juliet, TN

MW-04 L1850384-17 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 14:24 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500362	1	04/26/25 05:54	04/26/25 05:54	DYW	Mt. Juliet, TN

MW-16 L1850384-18 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 14:48 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500362	1	04/26/25 06:18	04/26/25 06:18	DYW	Mt. Juliet, TN

MW-47 40-45 L1850384-19 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 15:11 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500362	1	04/26/25 06:41	04/26/25 06:41	DYW	Mt. Juliet, TN

MW-47 48-53 L1850384-20 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 15:14 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500362	1	04/26/25 07:05	04/26/25 07:05	DYW	Mt. Juliet, TN

MW-35 L1850384-21 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 15:17 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500791	1	04/27/25 03:37	04/27/25 03:37	WHS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2502864	10	04/30/25 01:50	04/30/25 01:50	DYW	Mt. Juliet, TN

MW-47 55-60 L1850384-22 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 15:17 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500791	1	04/27/25 03:58	04/27/25 03:58	WHS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2502864	1	04/30/25 01:28	04/30/25 01:28	DYW	Mt. Juliet, TN

MW-23D 47-52 L1850384-23 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 15:24 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500791	1	04/27/25 04:18	04/27/25 04:18	WHS	Mt. Juliet, TN

MW-23D 56.5-61.5 L1850384-24 GW

Collected by: Craig Sovka | Collected date/time: 04/21/25 15:29 | Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500791	1	04/27/25 04:38	04/27/25 04:38	WHS	Mt. Juliet, TN

MW-29 L1850384-25 GW

Collected by: Craig Sovka
Collected date/time: 04/21/25 15:41
Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500791	1	04/27/25 04:58	04/27/25 04:58	WHS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2502864	50	04/30/25 02:12	04/30/25 02:12	DYW	Mt. Juliet, TN

MW-16-DUP L1850384-26 GW

Collected by: Craig Sovka
Collected date/time: 04/21/25 00:00
Received date/time: 04/22/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500791	1	04/27/25 05:18	04/27/25 05:18	WHS	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Naomi M Sackett
Project Manager

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.0463		0.000300	0.00100	1	04/25/2025 23:37	WG2500362
Trichloroethene	0.00179		0.000190	0.00100	1	04/25/2025 23:37	WG2500362
cis-1,2-Dichloroethene	0.00112		0.000126	0.00100	1	04/25/2025 23:37	WG2500362
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/25/2025 23:37	WG2500362
1,1-Dichloroethene	U		0.000188	0.00100	1	04/25/2025 23:37	WG2500362
Vinyl chloride	U		0.000234	0.00100	1	04/25/2025 23:37	WG2500362
(S) Toluene-d8	*105*			*80.0-120*		*04/25/2025 23:37*	WG2500362
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/25/2025 23:37*	WG2500362
(S) 1,2-Dichloroethane-d4	*98.3*			*70.0-130*		*04/25/2025 23:37*	WG2500362

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.0407		0.000300	0.00100	1	04/26/2025 00:00	WG2500362
Trichloroethene	0.000509	J	0.000190	0.00100	1	04/26/2025 00:00	WG2500362
cis-1,2-Dichloroethene	0.000147	J	0.000126	0.00100	1	04/26/2025 00:00	WG2500362
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 00:00	WG2500362
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 00:00	WG2500362
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 00:00	WG2500362
(S) Toluene-d8	*103*			*80.0-120*		*04/26/2025 00:00*	WG2500362
(S) 4-Bromofluorobenzene	*97.6*			*77.0-126*		*04/26/2025 00:00*	WG2500362
(S) 1,2-Dichloroethane-d4	*99.6*			*70.0-130*		*04/26/2025 00:00*	WG2500362

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.296		0.00600	0.0200	20	05/01/2025 16:19	WG2504164
Trichloroethene	0.173		0.000190	0.00100	1	04/26/2025 00:24	WG2500362
cis-1,2-Dichloroethene	0.0101		0.000126	0.00100	1	04/26/2025 00:24	WG2500362
trans-1,2-Dichloroethene	0.0164		0.000149	0.00100	1	04/26/2025 00:24	WG2500362
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 00:24	WG2500362
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 00:24	WG2500362
(S) Toluene-d8	*106*			*80.0-120*		*04/26/2025 00:24*	WG2500362
(S) Toluene-d8	*104*			*80.0-120*		*05/01/2025 16:19*	WG2504164
(S) 4-Bromofluorobenzene	*99.9*			*77.0-126*		*04/26/2025 00:24*	WG2500362
(S) 4-Bromofluorobenzene	*93.3*			*77.0-126*		*05/01/2025 16:19*	WG2504164
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/26/2025 00:24*	WG2500362
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*05/01/2025 16:19*	WG2504164

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.0344		0.000300	0.00100	1	04/26/2025 00:48	WG2500362
Trichloroethene	0.00688		0.000190	0.00100	1	04/26/2025 00:48	WG2500362
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/26/2025 00:48	WG2500362
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 00:48	WG2500362
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 00:48	WG2500362
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 00:48	WG2500362
(S) Toluene-d8	*105*			*80.0-120*		*04/26/2025 00:48*	WG2500362
(S) 4-Bromofluorobenzene	*97.4*			*77.0-126*		*04/26/2025 00:48*	WG2500362
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/26/2025 00:48*	WG2500362

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	04/26/2025 01:11	WG2500362
Trichloroethene	U		0.000190	0.00100	1	04/26/2025 01:11	WG2500362
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/26/2025 01:11	WG2500362
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 01:11	WG2500362
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 01:11	WG2500362
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 01:11	WG2500362
(S) Toluene-d8	*106*			*80.0-120*		*04/26/2025 01:11*	WG2500362
(S) 4-Bromofluorobenzene	*99.4*			*77.0-126*		*04/26/2025 01:11*	WG2500362
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/26/2025 01:11*	WG2500362

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	04/26/2025 01:35	WG2500362
Trichloroethene	U		0.000190	0.00100	1	04/26/2025 01:35	WG2500362
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/26/2025 01:35	WG2500362
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 01:35	WG2500362
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 01:35	WG2500362
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 01:35	WG2500362
(S) Toluene-d8	*103*			*80.0-120*		*04/26/2025 01:35*	WG2500362
(S) 4-Bromofluorobenzene	*98.1*			*77.0-126*		*04/26/2025 01:35*	WG2500362
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/26/2025 01:35*	WG2500362

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.00691		0.000300	0.00100	1	04/26/2025 01:58	WG2500362
Trichloroethene	0.00201		0.000190	0.00100	1	04/26/2025 01:58	WG2500362
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/26/2025 01:58	WG2500362
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 01:58	WG2500362
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 01:58	WG2500362
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 01:58	WG2500362
(S) Toluene-d8	*105*			*80.0-120*		*04/26/2025 01:58*	WG2500362
(S) 4-Bromofluorobenzene	*99.7*			*77.0-126*		*04/26/2025 01:58*	WG2500362
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/26/2025 01:58*	WG2500362

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	0.0160		0.000300	0.00100	1	04/26/2025 02:22	WG2500362
Trichloroethene	0.00224		0.000190	0.00100	1	04/26/2025 02:22	WG2500362
cis-1,2-Dichloroethene	0.000247	J	0.000126	0.00100	1	04/26/2025 02:22	WG2500362
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 02:22	WG2500362
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 02:22	WG2500362
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 02:22	WG2500362
(S) Toluene-d8	*105*			*80.0-120*		*04/26/2025 02:22*	WG2500362
(S) 4-Bromofluorobenzene	*97.7*			*77.0-126*		*04/26/2025 02:22*	WG2500362
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/26/2025 02:22*	WG2500362

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	04/26/2025 02:45	WG2500362
Trichloroethene	U		0.000190	0.00100	1	04/26/2025 02:45	WG2500362
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/26/2025 02:45	WG2500362
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 02:45	WG2500362
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 02:45	WG2500362
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 02:45	WG2500362
(S) Toluene-d8	*108*			*80.0-120*		*04/26/2025 02:45*	WG2500362
(S) 4-Bromofluorobenzene	*98.3*			*77.0-126*		*04/26/2025 02:45*	WG2500362
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/26/2025 02:45*	WG2500362

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.0177		0.000300	0.00100	1	04/26/2025 03:09	WG2500362
Trichloroethene	0.00214		0.000190	0.00100	1	04/26/2025 03:09	WG2500362
cis-1,2-Dichloroethene	0.000505	J	0.000126	0.00100	1	04/26/2025 03:09	WG2500362
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 03:09	WG2500362
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 03:09	WG2500362
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 03:09	WG2500362
(S) Toluene-d8	*107*			*80.0-120*		*04/26/2025 03:09*	WG2500362
(S) 4-Bromofluorobenzene	*98.9*			*77.0-126*		*04/26/2025 03:09*	WG2500362
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/26/2025 03:09*	WG2500362

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	04/26/2025 03:33	WG2500362
Trichloroethene	U		0.000190	0.00100	1	04/26/2025 03:33	WG2500362
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/26/2025 03:33	WG2500362
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 03:33	WG2500362
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 03:33	WG2500362
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 03:33	WG2500362
(S) Toluene-d8	*105*			*80.0-120*		*04/26/2025 03:33*	WG2500362
(S) 4-Bromofluorobenzene	*98.2*			*77.0-126*		*04/26/2025 03:33*	WG2500362
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/26/2025 03:33*	WG2500362

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	04/26/2025 03:56	WG2500362
Trichloroethene	U		0.000190	0.00100	1	04/26/2025 03:56	WG2500362
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/26/2025 03:56	WG2500362
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 03:56	WG2500362
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 03:56	WG2500362
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 03:56	WG2500362
(S) Toluene-d8	*106*			*80.0-120*		*04/26/2025 03:56*	WG2500362
(S) 4-Bromofluorobenzene	*97.1*			*77.0-126*		*04/26/2025 03:56*	WG2500362
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/26/2025 03:56*	WG2500362

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	04/26/2025 04:20	WG2500362
Trichloroethene	U		0.000190	0.00100	1	04/26/2025 04:20	WG2500362
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/26/2025 04:20	WG2500362
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 04:20	WG2500362
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 04:20	WG2500362
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 04:20	WG2500362
(S) Toluene-d8	*106*			*80.0-120*		*04/26/2025 04:20*	WG2500362
(S) 4-Bromofluorobenzene	*97.4*			*77.0-126*		*04/26/2025 04:20*	WG2500362
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/26/2025 04:20*	WG2500362

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Tetrachloroethene	0.0892		0.000300	0.00100	1	04/26/2025 04:43	WG2500362
Trichloroethene	0.00271		0.000190	0.00100	1	04/26/2025 04:43	WG2500362
cis-1,2-Dichloroethene	0.000456	J	0.000126	0.00100	1	04/26/2025 04:43	WG2500362
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 04:43	WG2500362
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 04:43	WG2500362
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 04:43	WG2500362
(S) Toluene-d8	*105*			*80.0-120*		*04/26/2025 04:43*	WG2500362
(S) 4-Bromofluorobenzene	*95.5*			*77.0-126*		*04/26/2025 04:43*	WG2500362
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/26/2025 04:43*	WG2500362

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.0146		0.000300	0.00100	1	04/26/2025 05:07	WG2500362
Trichloroethene	U		0.000190	0.00100	1	04/26/2025 05:07	WG2500362
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/26/2025 05:07	WG2500362
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 05:07	WG2500362
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 05:07	WG2500362
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 05:07	WG2500362
(S) Toluene-d8	*103*			*80.0-120*		*04/26/2025 05:07*	WG2500362
(S) 4-Bromofluorobenzene	*98.3*			*77.0-126*		*04/26/2025 05:07*	WG2500362
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/26/2025 05:07*	WG2500362

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.138		0.00300	0.0100	10	05/01/2025 16:41	WG2504164
Trichloroethene	0.000887	J	0.000190	0.00100	1	04/26/2025 05:31	WG2500362
cis-1,2-Dichloroethene	0.000285	J	0.000126	0.00100	1	04/26/2025 05:31	WG2500362
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 05:31	WG2500362
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 05:31	WG2500362
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 05:31	WG2500362
(S) Toluene-d8	*103*			*80.0-120*		*04/26/2025 05:31*	WG2500362
(S) Toluene-d8	*107*			*80.0-120*		*05/01/2025 16:41*	WG2504164
(S) 4-Bromofluorobenzene	*97.8*			*77.0-126*		*04/26/2025 05:31*	WG2500362
(S) 4-Bromofluorobenzene	*93.6*			*77.0-126*		*05/01/2025 16:41*	WG2504164
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*		*04/26/2025 05:31*	WG2500362
(S) 1,2-Dichloroethane-d4	*98.0*			*70.0-130*		*05/01/2025 16:41*	WG2504164

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.161		0.000300	0.00100	1	04/26/2025 05:54	WG2500362
Trichloroethene	0.00320		0.000190	0.00100	1	04/26/2025 05:54	WG2500362
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/26/2025 05:54	WG2500362
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 05:54	WG2500362
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 05:54	WG2500362
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 05:54	WG2500362
(S) Toluene-d8	*103*			*80.0-120*		*04/26/2025 05:54*	WG2500362
(S) 4-Bromofluorobenzene	*94.6*			*77.0-126*		*04/26/2025 05:54*	WG2500362
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*04/26/2025 05:54*	WG2500362

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.0763		0.000300	0.00100	1	04/26/2025 06:18	WG2500362
Trichloroethene	0.00170		0.000190	0.00100	1	04/26/2025 06:18	WG2500362
cis-1,2-Dichloroethene	0.00196		0.000126	0.00100	1	04/26/2025 06:18	WG2500362
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 06:18	WG2500362
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 06:18	WG2500362
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 06:18	WG2500362
(S) Toluene-d8	*103*			*80.0-120*		*04/26/2025 06:18*	WG2500362
(S) 4-Bromofluorobenzene	*95.8*			*77.0-126*		*04/26/2025 06:18*	WG2500362
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/26/2025 06:18*	WG2500362

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	04/26/2025 06:41	WG2500362
Trichloroethene	U		0.000190	0.00100	1	04/26/2025 06:41	WG2500362
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/26/2025 06:41	WG2500362
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 06:41	WG2500362
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 06:41	WG2500362
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 06:41	WG2500362
(S) Toluene-d8	*106*			*80.0-120*		*04/26/2025 06:41*	WG2500362
(S) 4-Bromofluorobenzene	*96.6*			*77.0-126*		*04/26/2025 06:41*	WG2500362
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/26/2025 06:41*	WG2500362

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	04/26/2025 07:05	WG2500362
Trichloroethene	U		0.000190	0.00100	1	04/26/2025 07:05	WG2500362
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/26/2025 07:05	WG2500362
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 07:05	WG2500362
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 07:05	WG2500362
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 07:05	WG2500362
(S) Toluene-d8	*106*			*80.0-120*		*04/26/2025 07:05*	WG2500362
(S) 4-Bromofluorobenzene	*96.9*			*77.0-126*		*04/26/2025 07:05*	WG2500362
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/26/2025 07:05*	WG2500362

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.259		0.00300	0.0100	10	04/30/2025 01:50	WG2502864
Trichloroethene	0.00679		0.000190	0.00100	1	04/27/2025 03:37	WG2500791
cis-1,2-Dichloroethene	0.00206		0.000126	0.00100	1	04/27/2025 03:37	WG2500791
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/27/2025 03:37	WG2500791
1,1-Dichloroethene	U		0.000188	0.00100	1	04/27/2025 03:37	WG2500791
Vinyl chloride	U		0.000234	0.00100	1	04/27/2025 03:37	WG2500791
(S) Toluene-d8	*103*			*80.0-120*		*04/27/2025 03:37*	WG2500791
(S) Toluene-d8	*102*			*80.0-120*		*04/30/2025 01:50*	WG2502864
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/27/2025 03:37*	WG2500791
(S) 4-Bromofluorobenzene	*99.4*			*77.0-126*		*04/30/2025 01:50*	WG2502864
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/27/2025 03:37*	WG2500791
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*04/30/2025 01:50*	WG2502864

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	U		0.000300	0.00100	1	04/30/2025 01:28	WG2502864
Trichloroethene	U		0.000190	0.00100	1	04/27/2025 03:58	WG2500791
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/27/2025 03:58	WG2500791
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/27/2025 03:58	WG2500791
1,1-Dichloroethene	U		0.000188	0.00100	1	04/27/2025 03:58	WG2500791
Vinyl chloride	U		0.000234	0.00100	1	04/27/2025 03:58	WG2500791
(S) Toluene-d8	*101*			*80.0-120*		*04/27/2025 03:58*	WG2500791
(S) Toluene-d8	*101*			*80.0-120*		*04/30/2025 01:28*	WG2502864
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/27/2025 03:58*	WG2500791
(S) 4-Bromofluorobenzene	*99.6*			*77.0-126*		*04/30/2025 01:28*	WG2502864
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*04/27/2025 03:58*	WG2500791
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*04/30/2025 01:28*	WG2502864

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.106		0.000300	0.00100	1	04/27/2025 04:18	WG2500791
Trichloroethene	0.00416		0.000190	0.00100	1	04/27/2025 04:18	WG2500791
cis-1,2-Dichloroethene	0.00179		0.000126	0.00100	1	04/27/2025 04:18	WG2500791
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/27/2025 04:18	WG2500791
1,1-Dichloroethene	U		0.000188	0.00100	1	04/27/2025 04:18	WG2500791
Vinyl chloride	U		0.000234	0.00100	1	04/27/2025 04:18	WG2500791
(S) Toluene-d8	*103*			*80.0-120*		*04/27/2025 04:18*	WG2500791
(S) 4-Bromofluorobenzene	*100*			*77.0-126*		*04/27/2025 04:18*	WG2500791
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/27/2025 04:18*	WG2500791

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.120		0.000300	0.00100	1	04/27/2025 04:38	WG2500791
Trichloroethene	0.00338		0.000190	0.00100	1	04/27/2025 04:38	WG2500791
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/27/2025 04:38	WG2500791
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/27/2025 04:38	WG2500791
1,1-Dichloroethene	U		0.000188	0.00100	1	04/27/2025 04:38	WG2500791
Vinyl chloride	U		0.000234	0.00100	1	04/27/2025 04:38	WG2500791
(S) Toluene-d8	*103*			*80.0-120*		*04/27/2025 04:38*	WG2500791
(S) 4-Bromofluorobenzene	*101*			*77.0-126*		*04/27/2025 04:38*	WG2500791
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*		*04/27/2025 04:38*	WG2500791

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.594		0.0150	0.0500	50	04/30/2025 02:12	WG2502864
Trichloroethene	0.0346		0.000190	0.00100	1	04/27/2025 04:58	WG2500791
cis-1,2-Dichloroethene	0.00654		0.000126	0.00100	1	04/27/2025 04:58	WG2500791
trans-1,2-Dichloroethene	0.00482		0.000149	0.00100	1	04/27/2025 04:58	WG2500791
1,1-Dichloroethene	U		0.000188	0.00100	1	04/27/2025 04:58	WG2500791
Vinyl chloride	U		0.000234	0.00100	1	04/27/2025 04:58	WG2500791
(S) Toluene-d8	*104*			*80.0-120*		*04/27/2025 04:58*	WG2500791
(S) Toluene-d8	*100*			*80.0-120*		*04/30/2025 02:12*	WG2502864
(S) 4-Bromofluorobenzene	*102*			*77.0-126*		*04/27/2025 04:58*	WG2500791
(S) 4-Bromofluorobenzene	*97.9*			*77.0-126*		*04/30/2025 02:12*	WG2502864
(S) 1,2-Dichloroethane-d4	*99.7*			*70.0-130*		*04/27/2025 04:58*	WG2500791
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*04/30/2025 02:12*	WG2502864

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Tetrachloroethene	0.0716		0.000300	0.00100	1	04/27/2025 05:18	WG2500791
Trichloroethene	0.00254		0.000190	0.00100	1	04/27/2025 05:18	WG2500791
cis-1,2-Dichloroethene	0.00306		0.000126	0.00100	1	04/27/2025 05:18	WG2500791
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/27/2025 05:18	WG2500791
1,1-Dichloroethene	U		0.000188	0.00100	1	04/27/2025 05:18	WG2500791
Vinyl chloride	U		0.000234	0.00100	1	04/27/2025 05:18	WG2500791
(S) Toluene-d8	*103*			*80.0-120*		*04/27/2025 05:18*	WG2500791
(S) 4-Bromofluorobenzene	*98.8*			*77.0-126*		*04/27/2025 05:18*	WG2500791
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*		*04/27/2025 05:18*	WG2500791

Method Blank (MB)

(MB) R4207513-3 04/25/25 22:33

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Tetrachloroethene	U		0.000300	0.00100
Trichloroethene	U		0.000190	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
Vinyl chloride	U		0.000234	0.00100
(S) Toluene-d8	*107*			*80.0-120*
(S) 4-Bromofluorobenzene	*100*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4207513-1 04/25/25 21:22 • (LCSD) R4207513-2 04/25/25 21:46

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Tetrachloroethene	0.00500	0.00586	0.00610	117	122	72.0-132			4.01	20
Trichloroethene	0.00500	0.00515	0.00565	103	113	78.0-124			9.26	20
cis-1,2-Dichloroethene	0.00500	0.00511	0.00546	102	109	73.0-120			6.62	20
trans-1,2-Dichloroethene	0.00500	0.00551	0.00586	110	117	73.0-120			6.16	20
1,1-Dichloroethene	0.00500	0.00568	0.00615	114	123	71.0-124			7.95	20
Vinyl chloride	0.00500	0.00580	0.00627	116	125	67.0-131			7.79	20
(S) Toluene-d8				*103*	*106*	*80.0-120*				
(S) 4-Bromofluorobenzene				*103*	*103*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*97.3*	*97.0*	*70.0-130*				

Method Blank (MB)

(MB) R4206871-3 04/27/25 02:57

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Tetrachloroethene	U		0.000300	0.00100
Trichloroethene	U		0.000190	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
Vinyl chloride	U		0.000234	0.00100
(S) Toluene-d8	*101*			*80.0-120*
(S) 4-Bromofluorobenzene	*102*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4206871-1 04/27/25 01:56 • (LCSD) R4206871-2 04/27/25 02:17

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Tetrachloroethene	0.00500	0.00451	0.00446	90.2	89.2	72.0-132			1.11	20
Trichloroethene	0.00500	0.00558	0.00483	112	96.6	78.0-124			14.4	20
cis-1,2-Dichloroethene	0.00500	0.00471	0.00458	94.2	91.6	73.0-120			2.80	20
trans-1,2-Dichloroethene	0.00500	0.00445	0.00447	89.0	89.4	73.0-120			0.448	20
1,1-Dichloroethene	0.00500	0.00459	0.00440	91.8	88.0	71.0-124			4.23	20
Vinyl chloride	0.00500	0.00563	0.00517	113	103	67.0-131			8.52	20
(S) Toluene-d8				*101*	*104*	*80.0-120*				
(S) 4-Bromofluorobenzene				*99.7*	*102*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*103*	*103*	*70.0-130*				

Method Blank (MB)

(MB) R4207470-3 04/29/25 17:51

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Tetrachloroethene	U		0.000300	0.00100
(S) Toluene-d8	*99.8*			*80.0-120*
(S) 4-Bromofluorobenzene	*103*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4207470-1 04/29/25 16:46 • (LCSD) R4207470-2 04/29/25 17:08

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Tetrachloroethene	0.00500	0.00466	0.00463	93.2	92.6	72.0-132			0.646	20
(S) Toluene-d8				*99.4*	*95.7*	*80.0-120*				
(S) 4-Bromofluorobenzene				*105*	*107*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*103*	*105*	*70.0-130*				

Method Blank (MB)

(MB) R4208748-2 05/01/25 08:55

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Tetrachloroethene	U		0.000300	0.00100
(S) Toluene-d8	*117*			*80.0-120*
(S) 4-Bromofluorobenzene	*105*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4208748-1 05/01/25 08:12

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Tetrachloroethene	0.00500	0.00402	80.4	72.0-132	
(S) Toluene-d8			*100*	*80.0-120*	
(S) 4-Bromofluorobenzene			*91.9*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*109*	*70.0-130*	

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Chain of Custody Page 1 of 3

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12065 Lebanon Rd Mount Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

Company Name/Address:	ERO Resources
Billing Information:	
Pres Chk	
Report to:	Jack Denman
Email To:	jdenman@eroresources.com
Project Description:	TSC
City/State Collected:	Thornton CO
Please Circle:	PT (MT) CT ET
Phone:	(303) 830-1188
Client Project #	24-260
Lab Project #	
Collected by (print):	Craig Sorka
Site/Facility ID #	
P.O. #	
Collected by (signature):	Craig Sorka
Immediately Packed on Ice N ___ Y X	
Rush? (Lab MUST Be Notified)	___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day
Quote #	
Date Results Needed	
SDG #	L1850384
Table #	K701
Acctnum:	
Template:	
Prelogin:	
PM:	
PB:	
Shipped Via:	

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOCs	Remarks	Sample # (lab only
MW-40	G	GW		4/21/25	1002	3	X		-01
MW-41					1027				-02
MW-42					1052				-03
MW-43					1116				-04
MW-45 40-45					1119				-05
MW-45 48-53					1122				-06
MW-44					1148				-07
MW-31					1213				-08
MW-45 55-60					1240				-09
MW-32					1241				-10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 4301 1544 7178

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y
COC Signed/Accurate:		Y
Bottles arrive intact:		Y
Correct bottles used:		Y
Sufficient volume sent:		Y
If Applicable		
VOA Zero Headspace:		Y
Preservation Correct/Checked:		Y
RAD Screen <0.5 mR/hr:		Y

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Craig Sorka	4/21/25	1640	Bob Conan	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
Bob Conan	4/21/25	1800	FedEx	TLA91 1.0+0.4=1.4 T8
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
			James	4-22-25 0900

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

PMPC0

Company Name/Address: ERO Resources

Billing Information:

Report to: Jack Denman

Email To: jdenman@eroresources.com

Project Description: TSC

City/State Collected: Thornton CO

Please Circle: PT (MT) CT ET

Phone: (303) 830-1188

Client Project # 24-260

Lab Project #

Collected by (print): Craig Sorka

Site/Facility ID #

P.O. #

Collected by (signature): Craig Sorka

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote #

Analysis / Container / Preservative

Pres Chk

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOCs									Remarks	Sample # (lab only)
MW-40	G	GW		4/21/25	1002	3	X										-01
MW-41					1027												-02
MW-42					1052												-03
MW-43					1116												-04
MW-45 40-45					1119												-05
MW-45 48-53					1122												-06
MW-44					1148												-07
MW-31					1213												-08
MW-45 55-60					1240												-09
MW-32	↓	↓		↓	1241	↓	↓										-10

Chain of Custody Page 1 of 3

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SDG # L1850384

Table # K701

Acctnum:

Template:

Prelogin:

PM:

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 4301 1544 7178

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __
COC Signed/Accurate: ✓Y __
Bottles arrive intact: ✓Y __
Correct bottles used: ✓Y __
Sufficient volume sent: ✓Y __
If Applicable
VOA Zero Headspace: ✓Y
Preservation Correct/Checked: ✓Y __
RAD Screen <0.5 mR/hr: ✓Y __

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / (No) HCL / MeoH TBR
Craig Sorka	4/21/25	1640	Bob Conaw	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
Bob Conaw	4/22/25	1800	FEDEX	TLA91 1.0 +0.4 = 1.4 78
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
				4-22-25 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

PM PC

Company Name/Address: ERo Resources

Billing Information:

Report to:

Email To:

Project D escription: TSC

City/State Collected:

Please Circle: PT (MT) CT ET

Phone:

Client Project # 24-260

Lab Project #

Collected by (print):

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ___

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Pres Chk

VOCs

Sample ID	Comp/Grab	Matrix*	D epth	D ate	Time	No. of Cntrs		Remarks	Sample # (lab only)
MW-46 40-45	G	GW		4/21/25	1248	3	X		-11
MW-46 48-53					1250				-12
MW-46 55-60					1255				-13
MW-33					1306				-14
MW-03					1333				-15
MW-12R					1356				-16
MW-04					1424				-17
MW-16					1448				-18
MW-47 40-45					1511				-19
MW-47 48-53					1514				-20

Chain of Custody Page 2 of 3

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SDG # L1250394

Table # 15701

Acctnum:

Template:

Prelogin:

PM:

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - D rinkingWater
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ ____

Tracking # 4301 1544 7178

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __
COC Signed/Accurate: ✓Y __
Bottles arrive intact: ✓Y __
Correct bottles used: ✓Y __
Sufficient volume sent: ✓Y __
If Applicable
VOA Zero Headspace: ✓Y __
Preservation Correct/Checked: ✓Y __
RAD Screen <0.5 mR/hr: ✓Y __

Relinquished by : (Signature)	D ate	Time:	Received by: (Signature)	Trip Blank Received: Yes / (No) HCL / MeoH TBR	
Craig Sonka	4/22/25	1640	Fedex Ground		
Relinquished by : (Signature)	D ate:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	If preservation required by Login: D ate/Time
Fedex Ground	4/22/25	1800	FEDEX	TLA91.0+0.4=1.4 78	
Relinquished by : (Signature)	D ate:	Time:	Received for lab by: (Signature)	D ate: Time:	Hold: Condition: NCF / OK
				4-22-25 0900	

PNRCO

Chain Custody of Page 2 of 2

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Company Name/Address:	ERO
Billing Information:	
Report to:	
Email To:	
Project Description:	TSC
City/State Collected:	
Please Circle:	PT MT CT ET
Phone:	
Client Project #	24-260
Lab Project #	
Collected by (print):	
Site/Facility ID #	
P.O. #	
Collected by (signature):	
Immediately Packed on Ice N ___ Y ___	
Rush? (Lab MUST Be Notified)	___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day
Quote #	
Date Results Needed	

SDG # L1850384

Table # K701

Acctnum:

Template:

Prelogin:

PM:

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOCs	Remarks	Sample # (lab only)
MW-35	G	GW		4/21/25	1517	3	X		-21
MW-47 55-60					1517				-22
MW-23D 47-52					1524				-23
MW-23D 56.5-61.5					1529				-24
MW-29					1541				-25
MW-16 Dup	G	GW		4/21/25	1648		X		

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 4301 1544 7178

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y
COC Signed/Accurate:		Y
Bottles arrive intact:		Y
Correct bottles used:		Y
Sufficient volume sent:		Y
If Applicable		
VOA Zero Headspace:		Y
Preservation Correct/Checked:		Y
RAD Screen <0.5 mR/hr:		Y

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
Luis Sosa	4/21/25	1640	Dale Corono	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
Dale Corono	4/21/25	1900	FedEx	TLA9 1.0+0.4=1.4 78
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
				4-22-25 0900

If preservation required by Login: Date/Time

Hold:

Conditions NCF / OK

15 NDCO

Company Name/Address: ERo Resources

Billing Information:

Report to:

Email To:

Project Description: TSC

City/State Collected:

Please Circle: PT (MT) CT ET

Phone:

Client Project # 24-260

Lab Project #

Collected by (print):

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ___

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

No. of Cntrs

Analysis / Container / Preservative

Pres Chk

VOCs

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOCs	Remarks	Sample # (lab only)
MW-46 40-45	G	GW		4/21/25	1248	3	X		-11
MW-46 48-53					1250				-12
MW-46 55-60					1255				-13
MW-33					1306				-14
MW-03					1333				-15
MW-12R					1356				-16
MW-04					1424				-17
MW-16					1448				-18
MW-47 40-45					1511				-19
MW-47 48-53					1514				-20

Chain of Custody Page 2 of 3

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SDG # L1250394

Table # K701

Acctnum:

Template:

Prelogin:

PM:

PB:

Shipped Via:

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 4301 1544 7178

Sample Receipt Checklist
COC Seal Present/Intact: __NP Y __
COC Signed/Accurate: Y __
Bottles arrive intact: Y __
Correct bottles used: Y __
Sufficient volume sent: Y __
If Applicable
VOA Zero Headspace: Y __
Preservation Correct/Checked: Y __
RAD Screen <0.5 mR/hr: Y __

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / (No) HCL / MeoH TBR
Craig Sowka	4/22/25	1640	Bose courier	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
Bose courier	4/22/25	1800	FEDEX	TLA 1.0+0.4=1.4 78
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
				4-22-25 0900

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ENPC

Company Name/Address: ERO

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 3 of 3

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Report to:

Email To:

Project Description: TSC

City/State Collected:

Please Circle: PT MT CT ET

SDG # L1850284

Table # K701

Phone:

Client Project # 24-260

Lab Project #

Acctnum:

Template:

Prelogin:

PM:

PB:

Collected by (print):

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y ___

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOCs	Remarks	Sample # (lab only)
MW-35	G	GW		4/21/25	1517	3	X		-21
MW-47 55-60	↓	↓			1517				-22
MW-23D 47-52					1524				-23
MW-23D 56.5-61.5					1529				-24
MW-29	↓	↓			1541	↓	↓		-25

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 4301 1544 7178

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y
COC Signed/Accurate:		Y
Bottles arrive intact:		Y
Correct bottles used:		Y
Sufficient volume sent:		Y
If Applicable		
VOA Zero Headspace:		Y
Preservation Correct/Checked:		Y
RAD Screen <0.5 mR/hr:		Y

	Date:	Time:		
Relinquished by : (Signature) Craig Sowka	4/21/25	1640	Received by: (Signature) Bob Comma	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by : (Signature) Bob Comma	4/21/25	1900	Received by: (Signature) FEDEX	Temp: °C Bottles Received: TLA 1.0+0.4=1.4 78
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) jamescum	Date: 4-22-25 Time: 0900

If preservation required by Login: Date/Time

Hold:

Conditions NCF / OK

ANALYTICAL REPORT

May 02, 2025

ERO Resources

Sample Delivery Group:	L1850857
Samples Received:	04/23/2025
Project Number:	24-260
Description:	TSC

Report To:

Jack Denman
1626 Cole Blvd.
Suite 100
Lakewood, CO 80401

Entire Report Reviewed By:

Naomi M Sackett
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National
12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 mydata.pacelabs.com

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MW-06 L1850857-08 22

MW-06 DUP L1850857-09 24

MW-23D 31-33.5 L1850857-10 26

MW-22D 41-46 L1850857-11 28

MW-22D41-46DUP L1850857-12 30

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MW-22D 35-40 L1850857-15 36

MW-22D 48-53 L1850857-16 38

MW-22D 55-60 L1850857-17 40

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MW-30 L1850857-01 GW

Collected by: Craig Sovka | Collected date/time: 04/22/25 09:35 | Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500390	1	04/26/25 04:58	04/26/25 04:58	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503915	5	04/30/25 22:50	04/30/25 22:50	KST	Mt. Juliet, TN

MW-39 L1850857-02 GW

Collected by: Craig Sovka | Collected date/time: 04/22/25 09:39 | Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500390	1	04/26/25 05:18	04/26/25 05:18	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503915	1	04/30/25 23:09	04/30/25 23:09	KST	Mt. Juliet, TN

MW-39 DUP L1850857-03 GW

Collected by: Craig Sovka | Collected date/time: 04/22/25 09:39 | Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500390	1	04/26/25 05:39	04/26/25 05:39	JBE	Mt. Juliet, TN

MW-25 L1850857-04 GW

Collected by: Craig Sovka | Collected date/time: 04/22/25 10:02 | Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500390	1	04/26/25 05:59	04/26/25 05:59	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503915	10	04/30/25 23:29	04/30/25 23:29	KST	Mt. Juliet, TN

MW-37 L1850857-05 GW

Collected by: Craig Sovka | Collected date/time: 04/22/25 10:35 | Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500390	1	04/26/25 06:20	04/26/25 06:20	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503915	20	04/30/25 23:49	04/30/25 23:49	KST	Mt. Juliet, TN

MW-02 L1850857-06 GW

Collected by: Craig Sovka | Collected date/time: 04/22/25 11:01 | Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500390	1	04/26/25 06:40	04/26/25 06:40	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503915	25	05/01/25 00:09	05/01/25 00:09	KST	Mt. Juliet, TN

MW-15 L1850857-07 GW

Collected by: Craig Sovka | Collected date/time: 04/22/25 11:23 | Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2497890	10	04/26/25 21:53	04/26/25 21:53	DLH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500390	1	04/26/25 07:01	04/26/25 07:01	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503915	50	05/01/25 00:29	05/01/25 00:29	KST	Mt. Juliet, TN

MW-06 L1850857-08 GW

Collected by: Craig Sovka | Collected date/time: 04/22/25 11:56 | Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500390	1	04/26/25 07:22	04/26/25 07:22	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503915	100	05/01/25 00:48	05/01/25 00:48	KST	Mt. Juliet, TN

MW-06 DUP L1850857-09 GW

Collected by: Craig Sovka | Collected date/time: 04/22/25 11:56 | Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500390	1	04/26/25 07:42	04/26/25 07:42	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503915	100	05/01/25 01:08	05/01/25 01:08	KST	Mt. Juliet, TN

MW-23D 31-33.5 L1850857-10 GW

Collected by: Craig Sovka | Collected date/time: 04/22/25 12:07 | Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500390	1	04/26/25 08:03	04/26/25 08:03	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503915	100	05/01/25 01:28	05/01/25 01:28	KST	Mt. Juliet, TN

MW-22D 41-46 L1850857-11 GW

Collected by: Craig Sovka | Collected date/time: 04/22/25 12:13 | Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500390	1	04/26/25 08:23	04/26/25 08:23	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503915	500	05/01/25 01:48	05/01/25 01:48	KST	Mt. Juliet, TN

MW-22D41-46DUP L1850857-12 GW

Collected by: Craig Sovka | Collected date/time: 04/22/25 12:13 | Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500390	1	04/26/25 08:44	04/26/25 08:44	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503915	500	05/01/25 02:08	05/01/25 02:08	KST	Mt. Juliet, TN

MW-22D 30-35 L1850857-13 GW

Collected by: Craig Sovka | Collected date/time: 04/22/25 12:19 | Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500390	1	04/26/25 09:04	04/26/25 09:04	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503915	500	05/01/25 02:28	05/01/25 02:28	KST	Mt. Juliet, TN

MW-13 L1850857-14 GW

Collected by: Craig Sovka | Collected date/time: 04/22/25 12:21 | Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2497890	5	04/25/25 21:38	04/25/25 21:38	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500390	1	04/26/25 09:25	04/26/25 09:25	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503915	500	05/01/25 02:47	05/01/25 02:47	KST	Mt. Juliet, TN

MW-22D 35-40 L1850857-15 GW

Collected by: Craig Sovka | Collected date/time: 04/22/25 12:23 | Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500390	1	04/26/25 09:46	04/26/25 09:46	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503915	500	05/01/25 03:07	05/01/25 03:07	KST	Mt. Juliet, TN

MW-22D 48-53 L1850857-16 GW

Collected by: Craig Sovka | Collected date/time: 04/22/25 12:27 | Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500390	1	04/26/25 10:06	04/26/25 10:06	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503915	500	05/01/25 03:27	05/01/25 03:27	KST	Mt. Juliet, TN

MW-22D 55-60 L1850857-17 GW

Collected by: Craig Sovka | Collected date/time: 04/22/25 12:30 | Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500390	50	04/26/25 11:29	04/26/25 11:29	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503915	5000	05/01/25 03:46	05/01/25 03:46	JHH	Mt. Juliet, TN

8946-2 L1850857-18 GW

Collected by: Craig Sovka | Collected date/time: 04/22/25 12:44 | Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500390	1	04/26/25 10:27	04/26/25 10:27	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503915	25	05/01/25 04:05	05/01/25 04:05	KST	Mt. Juliet, TN

MW-14 L1850857-19 GW

Collected by: Craig Sovka | Collected date/time: 04/22/25 12:53 | Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Wet Chemistry by Method 9056A	WG2497890	5	04/25/25 21:54	04/25/25 21:54	ZSA	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500390	1	04/26/25 10:47	04/26/25 10:47	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503915	500	05/01/25 04:25	05/01/25 04:25	KST	Mt. Juliet, TN

MW-09 L1850857-20 GW

Collected by: Craig Sovka | Collected date/time: 04/22/25 13:11 | Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500390	1	04/26/25 11:08	04/26/25 11:08	JBE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503915	250	05/01/25 04:44	05/01/25 04:44	KST	Mt. Juliet, TN

MW-11 L1850857-21 GW

Collected by: Craig Sovka | Collected date/time: 04/22/25 13:22 | Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500847	10	04/27/25 01:26	04/27/25 01:26	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503486	2000	04/30/25 14:40	04/30/25 14:40	ACG	Mt. Juliet, TN

SAMPLE SUMMARY

8946-6 L1850857-22 GW

Collected by: Craig Sovka
Collected date/time: 04/22/25 13:23
Received date/time: 04/23/25 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2500847	1	04/27/25 00:43	04/27/25 00:43	NCD	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG2503008	5	04/30/25 06:15	04/30/25 06:15	JHH	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Naomi M Sackett
Project Manager

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U	J4	0.0113	0.0500	1	04/26/2025 04:58	WG2500390
Acrolein	U		0.00254	0.0500	1	04/26/2025 04:58	WG2500390
Acrylonitrile	U		0.000671	0.0100	1	04/26/2025 04:58	WG2500390
Benzene	U		0.0000941	0.00100	1	04/26/2025 04:58	WG2500390
Bromobenzene	U		0.000118	0.00100	1	04/26/2025 04:58	WG2500390
Bromodichloromethane	U		0.000136	0.00100	1	04/26/2025 04:58	WG2500390
Bromoform	U		0.000129	0.00100	1	04/26/2025 04:58	WG2500390
Bromomethane	U		0.000605	0.00500	1	04/26/2025 04:58	WG2500390
n-Butylbenzene	U	C3	0.000157	0.00100	1	04/26/2025 04:58	WG2500390
sec-Butylbenzene	U		0.000125	0.00100	1	04/26/2025 04:58	WG2500390
tert-Butylbenzene	U		0.000127	0.00100	1	04/26/2025 04:58	WG2500390
Carbon tetrachloride	U		0.000128	0.00100	1	04/26/2025 04:58	WG2500390
Chlorobenzene	U		0.000116	0.00100	1	04/26/2025 04:58	WG2500390
Chlorodibromomethane	U		0.000140	0.00100	1	04/26/2025 04:58	WG2500390
Chloroethane	U		0.000192	0.00500	1	04/26/2025 04:58	WG2500390
Chloroform	0.000264	J	0.000111	0.00500	1	04/26/2025 04:58	WG2500390
Chloromethane	U		0.000960	0.00250	1	04/26/2025 04:58	WG2500390
2-Chlorotoluene	U		0.000106	0.00100	1	04/26/2025 04:58	WG2500390
4-Chlorotoluene	U		0.000114	0.00100	1	04/26/2025 04:58	WG2500390
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	04/26/2025 04:58	WG2500390
1,2-Dibromoethane	U		0.000126	0.00100	1	04/26/2025 04:58	WG2500390
Dibromomethane	U		0.000122	0.00100	1	04/26/2025 04:58	WG2500390
1,2-Dichlorobenzene	U		0.000107	0.00100	1	04/26/2025 04:58	WG2500390
1,3-Dichlorobenzene	U		0.000110	0.00100	1	04/26/2025 04:58	WG2500390
1,4-Dichlorobenzene	U		0.000120	0.00100	1	04/26/2025 04:58	WG2500390
Dichlorodifluoromethane	U		0.000374	0.00500	1	04/26/2025 04:58	WG2500390
1,1-Dichloroethane	U		0.000100	0.00100	1	04/26/2025 04:58	WG2500390
1,2-Dichloroethane	0.000118	J	0.0000819	0.00100	1	04/26/2025 04:58	WG2500390
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 04:58	WG2500390
cis-1,2-Dichloroethene	0.000964	J	0.000126	0.00100	1	04/26/2025 04:58	WG2500390
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 04:58	WG2500390
1,2-Dichloropropane	U		0.000149	0.00100	1	04/26/2025 04:58	WG2500390
1,1-Dichloropropene	U		0.000142	0.00100	1	04/26/2025 04:58	WG2500390
1,3-Dichloropropane	U		0.000110	0.00100	1	04/26/2025 04:58	WG2500390
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/26/2025 04:58	WG2500390
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/26/2025 04:58	WG2500390
2,2-Dichloropropane	U		0.000161	0.00100	1	04/26/2025 04:58	WG2500390
Di-isopropyl ether	U		0.000105	0.00100	1	04/26/2025 04:58	WG2500390
Ethylbenzene	U		0.000137	0.00100	1	04/26/2025 04:58	WG2500390
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	04/26/2025 04:58	WG2500390
Isopropylbenzene	U		0.000105	0.00100	1	04/26/2025 04:58	WG2500390
p-Isopropyltoluene	U		0.000120	0.00100	1	04/26/2025 04:58	WG2500390
2-Butanone (MEK)	U		0.00119	0.0100	1	04/26/2025 04:58	WG2500390
Methylene Chloride	U		0.000430	0.00500	1	04/26/2025 04:58	WG2500390
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/26/2025 04:58	WG2500390
Methyl tert-butyl ether	0.000535	J	0.000101	0.00100	1	04/26/2025 04:58	WG2500390
Naphthalene	U	C3	0.00100	0.00500	1	04/26/2025 04:58	WG2500390
n-Propylbenzene	U		0.0000993	0.00100	1	04/26/2025 04:58	WG2500390
Styrene	U		0.000118	0.00100	1	04/26/2025 04:58	WG2500390
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/26/2025 04:58	WG2500390
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/26/2025 04:58	WG2500390
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	04/26/2025 04:58	WG2500390
Tetrachloroethene	0.239		0.00150	0.00500	5	04/30/2025 22:50	WG2503915
Toluene	U		0.000278	0.00100	1	04/26/2025 04:58	WG2500390
1,2,3-Trichlorobenzene	U	C3	0.000230	0.00100	1	04/26/2025 04:58	WG2500390
1,2,4-Trichlorobenzene	U	C3	0.000481	0.00100	1	04/26/2025 04:58	WG2500390

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/26/2025 04:58	WG2500390
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/26/2025 04:58	WG2500390
Trichloroethene	0.00737		0.000190	0.00100	1	04/26/2025 04:58	WG2500390
Trichlorofluoromethane	U		0.000160	0.00500	1	04/26/2025 04:58	WG2500390
1,2,3-Trichloropropane	U		0.000237	0.00250	1	04/26/2025 04:58	WG2500390
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/26/2025 04:58	WG2500390
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 04:58	WG2500390
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 04:58	WG2500390
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 04:58	WG2500390
Xylenes, Total	U		0.000174	0.00300	1	04/26/2025 04:58	WG2500390
(S) Toluene-d8	*97.6*			*80.0-120*		*04/26/2025 04:58*	WG2500390
(S) Toluene-d8	*113*			*80.0-120*		*04/30/2025 22:50*	WG2503915
(S) 4-Bromofluorobenzene	*86.4*			*77.0-126*		*04/26/2025 04:58*	WG2500390
(S) 4-Bromofluorobenzene	*89.3*			*77.0-126*		*04/30/2025 22:50*	WG2503915
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*04/26/2025 04:58*	WG2500390
(S) 1,2-Dichloroethane-d4	*97.2*			*70.0-130*		*04/30/2025 22:50*	WG2503915

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U	J4	0.0113	0.0500	1	04/26/2025 05:18	WG2500390
Acrolein	U		0.00254	0.0500	1	04/26/2025 05:18	WG2500390
Acrylonitrile	U		0.000671	0.0100	1	04/26/2025 05:18	WG2500390
Benzene	U		0.0000941	0.00100	1	04/26/2025 05:18	WG2500390
Bromobenzene	U		0.000118	0.00100	1	04/26/2025 05:18	WG2500390
Bromodichloromethane	U		0.000136	0.00100	1	04/26/2025 05:18	WG2500390
Bromoform	U		0.000129	0.00100	1	04/26/2025 05:18	WG2500390
Bromomethane	U		0.000605	0.00500	1	04/26/2025 05:18	WG2500390
n-Butylbenzene	U	C3	0.000157	0.00100	1	04/26/2025 05:18	WG2500390
sec-Butylbenzene	U		0.000125	0.00100	1	04/26/2025 05:18	WG2500390
tert-Butylbenzene	U		0.000127	0.00100	1	04/26/2025 05:18	WG2500390
Carbon tetrachloride	U		0.000128	0.00100	1	04/26/2025 05:18	WG2500390
Chlorobenzene	U		0.000116	0.00100	1	04/26/2025 05:18	WG2500390
Chlorodibromomethane	U		0.000140	0.00100	1	04/26/2025 05:18	WG2500390
Chloroethane	U		0.000192	0.00500	1	04/26/2025 05:18	WG2500390
Chloroform	U		0.000111	0.00500	1	04/26/2025 05:18	WG2500390
Chloromethane	U		0.000960	0.00250	1	04/26/2025 05:18	WG2500390
2-Chlorotoluene	U		0.000106	0.00100	1	04/26/2025 05:18	WG2500390
4-Chlorotoluene	U		0.000114	0.00100	1	04/26/2025 05:18	WG2500390
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	04/26/2025 05:18	WG2500390
1,2-Dibromoethane	U		0.000126	0.00100	1	04/26/2025 05:18	WG2500390
Dibromomethane	U		0.000122	0.00100	1	04/26/2025 05:18	WG2500390
1,2-Dichlorobenzene	U		0.000107	0.00100	1	04/26/2025 05:18	WG2500390
1,3-Dichlorobenzene	U		0.000110	0.00100	1	04/26/2025 05:18	WG2500390
1,4-Dichlorobenzene	U		0.000120	0.00100	1	04/26/2025 05:18	WG2500390
Dichlorodifluoromethane	U		0.000374	0.00500	1	04/26/2025 05:18	WG2500390
1,1-Dichloroethane	U		0.000100	0.00100	1	04/26/2025 05:18	WG2500390
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/26/2025 05:18	WG2500390
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 05:18	WG2500390
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/26/2025 05:18	WG2500390
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 05:18	WG2500390
1,2-Dichloropropane	U		0.000149	0.00100	1	04/26/2025 05:18	WG2500390
1,1-Dichloropropene	U		0.000142	0.00100	1	04/26/2025 05:18	WG2500390
1,3-Dichloropropane	U		0.000110	0.00100	1	04/26/2025 05:18	WG2500390
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/26/2025 05:18	WG2500390
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/26/2025 05:18	WG2500390
2,2-Dichloropropane	U		0.000161	0.00100	1	04/26/2025 05:18	WG2500390
Di-isopropyl ether	U		0.000105	0.00100	1	04/26/2025 05:18	WG2500390
Ethylbenzene	U		0.000137	0.00100	1	04/26/2025 05:18	WG2500390
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	04/26/2025 05:18	WG2500390
Isopropylbenzene	U		0.000105	0.00100	1	04/26/2025 05:18	WG2500390
p-Isopropyltoluene	U		0.000120	0.00100	1	04/26/2025 05:18	WG2500390
2-Butanone (MEK)	U		0.00119	0.0100	1	04/26/2025 05:18	WG2500390
Methylene Chloride	U		0.000430	0.00500	1	04/26/2025 05:18	WG2500390
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/26/2025 05:18	WG2500390
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/26/2025 05:18	WG2500390
Naphthalene	U	C3	0.00100	0.00500	1	04/26/2025 05:18	WG2500390
n-Propylbenzene	U		0.0000993	0.00100	1	04/26/2025 05:18	WG2500390
Styrene	U		0.000118	0.00100	1	04/26/2025 05:18	WG2500390
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/26/2025 05:18	WG2500390
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/26/2025 05:18	WG2500390
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	04/26/2025 05:18	WG2500390
Tetrachloroethene	0.000316	J	0.000300	0.00100	1	04/30/2025 23:09	WG2503915
Toluene	U		0.000278	0.00100	1	04/26/2025 05:18	WG2500390
1,2,3-Trichlorobenzene	U	C3	0.000230	0.00100	1	04/26/2025 05:18	WG2500390
1,2,4-Trichlorobenzene	U	C3	0.000481	0.00100	1	04/26/2025 05:18	WG2500390

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/26/2025 05:18	WG2500390
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/26/2025 05:18	WG2500390
Trichloroethene	U		0.000190	0.00100	1	04/26/2025 05:18	WG2500390
Trichlorofluoromethane	U		0.000160	0.00500	1	04/26/2025 05:18	WG2500390
1,2,3-Trichloropropane	U		0.000237	0.00250	1	04/26/2025 05:18	WG2500390
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/26/2025 05:18	WG2500390
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 05:18	WG2500390
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 05:18	WG2500390
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 05:18	WG2500390
Xylenes, Total	U		0.000174	0.00300	1	04/26/2025 05:18	WG2500390
(S) Toluene-d8	*99.5*			*80.0-120*		*04/26/2025 05:18*	WG2500390
(S) Toluene-d8	*118*			*80.0-120*		*04/30/2025 23:09*	WG2503915
(S) 4-Bromofluorobenzene	*89.0*			*77.0-126*		*04/26/2025 05:18*	WG2500390
(S) 4-Bromofluorobenzene	*91.4*			*77.0-126*		*04/30/2025 23:09*	WG2503915
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*04/26/2025 05:18*	WG2500390
(S) 1,2-Dichloroethane-d4	*94.5*			*70.0-130*		*04/30/2025 23:09*	WG2503915

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U	J4	0.0113	0.0500	1	04/26/2025 05:39	WG2500390
Acrolein	U		0.00254	0.0500	1	04/26/2025 05:39	WG2500390
Acrylonitrile	U		0.000671	0.0100	1	04/26/2025 05:39	WG2500390
Benzene	U		0.0000941	0.00100	1	04/26/2025 05:39	WG2500390
Bromobenzene	U		0.000118	0.00100	1	04/26/2025 05:39	WG2500390
Bromodichloromethane	U		0.000136	0.00100	1	04/26/2025 05:39	WG2500390
Bromoform	U		0.000129	0.00100	1	04/26/2025 05:39	WG2500390
Bromomethane	U		0.000605	0.00500	1	04/26/2025 05:39	WG2500390
n-Butylbenzene	U	C3	0.000157	0.00100	1	04/26/2025 05:39	WG2500390
sec-Butylbenzene	U		0.000125	0.00100	1	04/26/2025 05:39	WG2500390
tert-Butylbenzene	U		0.000127	0.00100	1	04/26/2025 05:39	WG2500390
Carbon tetrachloride	U		0.000128	0.00100	1	04/26/2025 05:39	WG2500390
Chlorobenzene	U		0.000116	0.00100	1	04/26/2025 05:39	WG2500390
Chlorodibromomethane	U		0.000140	0.00100	1	04/26/2025 05:39	WG2500390
Chloroethane	U		0.000192	0.00500	1	04/26/2025 05:39	WG2500390
Chloroform	U		0.000111	0.00500	1	04/26/2025 05:39	WG2500390
Chloromethane	U		0.000960	0.00250	1	04/26/2025 05:39	WG2500390
2-Chlorotoluene	U		0.000106	0.00100	1	04/26/2025 05:39	WG2500390
4-Chlorotoluene	U		0.000114	0.00100	1	04/26/2025 05:39	WG2500390
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	04/26/2025 05:39	WG2500390
1,2-Dibromoethane	U		0.000126	0.00100	1	04/26/2025 05:39	WG2500390
Dibromomethane	U		0.000122	0.00100	1	04/26/2025 05:39	WG2500390
1,2-Dichlorobenzene	U		0.000107	0.00100	1	04/26/2025 05:39	WG2500390
1,3-Dichlorobenzene	U		0.000110	0.00100	1	04/26/2025 05:39	WG2500390
1,4-Dichlorobenzene	U		0.000120	0.00100	1	04/26/2025 05:39	WG2500390
Dichlorodifluoromethane	U		0.000374	0.00500	1	04/26/2025 05:39	WG2500390
1,1-Dichloroethane	U		0.000100	0.00100	1	04/26/2025 05:39	WG2500390
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/26/2025 05:39	WG2500390
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 05:39	WG2500390
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/26/2025 05:39	WG2500390
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 05:39	WG2500390
1,2-Dichloropropane	U		0.000149	0.00100	1	04/26/2025 05:39	WG2500390
1,1-Dichloropropene	U		0.000142	0.00100	1	04/26/2025 05:39	WG2500390
1,3-Dichloropropane	U		0.000110	0.00100	1	04/26/2025 05:39	WG2500390
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/26/2025 05:39	WG2500390
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/26/2025 05:39	WG2500390
2,2-Dichloropropane	U		0.000161	0.00100	1	04/26/2025 05:39	WG2500390
Di-isopropyl ether	U		0.000105	0.00100	1	04/26/2025 05:39	WG2500390
Ethylbenzene	U		0.000137	0.00100	1	04/26/2025 05:39	WG2500390
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	04/26/2025 05:39	WG2500390
Isopropylbenzene	U		0.000105	0.00100	1	04/26/2025 05:39	WG2500390
p-Isopropyltoluene	U		0.000120	0.00100	1	04/26/2025 05:39	WG2500390
2-Butanone (MEK)	U		0.00119	0.0100	1	04/26/2025 05:39	WG2500390
Methylene Chloride	U		0.000430	0.00500	1	04/26/2025 05:39	WG2500390
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/26/2025 05:39	WG2500390
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/26/2025 05:39	WG2500390
Naphthalene	U	C3	0.00100	0.00500	1	04/26/2025 05:39	WG2500390
n-Propylbenzene	U		0.0000993	0.00100	1	04/26/2025 05:39	WG2500390
Styrene	U		0.000118	0.00100	1	04/26/2025 05:39	WG2500390
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/26/2025 05:39	WG2500390
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/26/2025 05:39	WG2500390
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	04/26/2025 05:39	WG2500390
Tetrachloroethene	U		0.000300	0.00100	1	04/26/2025 05:39	WG2500390
Toluene	U		0.000278	0.00100	1	04/26/2025 05:39	WG2500390
1,2,3-Trichlorobenzene	U	C3	0.000230	0.00100	1	04/26/2025 05:39	WG2500390
1,2,4-Trichlorobenzene	U	C3	0.000481	0.00100	1	04/26/2025 05:39	WG2500390

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/26/2025 05:39	WG2500390
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/26/2025 05:39	WG2500390
Trichloroethene	U		0.000190	0.00100	1	04/26/2025 05:39	WG2500390
Trichlorofluoromethane	U		0.000160	0.00500	1	04/26/2025 05:39	WG2500390
1,2,3-Trichloropropane	U		0.000237	0.00250	1	04/26/2025 05:39	WG2500390
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/26/2025 05:39	WG2500390
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 05:39	WG2500390
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 05:39	WG2500390
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 05:39	WG2500390
Xylenes, Total	U		0.000174	0.00300	1	04/26/2025 05:39	WG2500390
(S) Toluene-d8	*99.9*			*80.0-120*		*04/26/2025 05:39*	WG2500390
(S) 4-Bromofluorobenzene	*86.5*			*77.0-126*		*04/26/2025 05:39*	WG2500390
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*04/26/2025 05:39*	WG2500390

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U	J4	0.0113	0.0500	1	04/26/2025 05:59	WG2500390
Acrolein	U		0.00254	0.0500	1	04/26/2025 05:59	WG2500390
Acrylonitrile	U		0.000671	0.0100	1	04/26/2025 05:59	WG2500390
Benzene	U		0.0000941	0.00100	1	04/26/2025 05:59	WG2500390
Bromobenzene	U		0.000118	0.00100	1	04/26/2025 05:59	WG2500390
Bromodichloromethane	U		0.000136	0.00100	1	04/26/2025 05:59	WG2500390
Bromoform	U		0.000129	0.00100	1	04/26/2025 05:59	WG2500390
Bromomethane	U		0.000605	0.00500	1	04/26/2025 05:59	WG2500390
n-Butylbenzene	U	C3	0.000157	0.00100	1	04/26/2025 05:59	WG2500390
sec-Butylbenzene	U		0.000125	0.00100	1	04/26/2025 05:59	WG2500390
tert-Butylbenzene	U		0.000127	0.00100	1	04/26/2025 05:59	WG2500390
Carbon tetrachloride	U		0.000128	0.00100	1	04/26/2025 05:59	WG2500390
Chlorobenzene	U		0.000116	0.00100	1	04/26/2025 05:59	WG2500390
Chlorodibromomethane	U		0.000140	0.00100	1	04/26/2025 05:59	WG2500390
Chloroethane	U		0.000192	0.00500	1	04/26/2025 05:59	WG2500390
Chloroform	0.000344	J	0.000111	0.00500	1	04/26/2025 05:59	WG2500390
Chloromethane	U		0.000960	0.00250	1	04/26/2025 05:59	WG2500390
2-Chlorotoluene	U		0.000106	0.00100	1	04/26/2025 05:59	WG2500390
4-Chlorotoluene	U		0.000114	0.00100	1	04/26/2025 05:59	WG2500390
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	04/26/2025 05:59	WG2500390
1,2-Dibromoethane	U		0.000126	0.00100	1	04/26/2025 05:59	WG2500390
Dibromomethane	U		0.000122	0.00100	1	04/26/2025 05:59	WG2500390
1,2-Dichlorobenzene	U		0.000107	0.00100	1	04/26/2025 05:59	WG2500390
1,3-Dichlorobenzene	U		0.000110	0.00100	1	04/26/2025 05:59	WG2500390
1,4-Dichlorobenzene	U		0.000120	0.00100	1	04/26/2025 05:59	WG2500390
Dichlorodifluoromethane	U		0.000374	0.00500	1	04/26/2025 05:59	WG2500390
1,1-Dichloroethane	U		0.000100	0.00100	1	04/26/2025 05:59	WG2500390
1,2-Dichloroethane	0.000164	J	0.0000819	0.00100	1	04/26/2025 05:59	WG2500390
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 05:59	WG2500390
cis-1,2-Dichloroethene	0.00393		0.000126	0.00100	1	04/26/2025 05:59	WG2500390
trans-1,2-Dichloroethene	0.000270	J	0.000149	0.00100	1	04/26/2025 05:59	WG2500390
1,2-Dichloropropane	U		0.000149	0.00100	1	04/26/2025 05:59	WG2500390
1,1-Dichloropropene	U		0.000142	0.00100	1	04/26/2025 05:59	WG2500390
1,3-Dichloropropane	U		0.000110	0.00100	1	04/26/2025 05:59	WG2500390
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/26/2025 05:59	WG2500390
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/26/2025 05:59	WG2500390
2,2-Dichloropropane	U		0.000161	0.00100	1	04/26/2025 05:59	WG2500390
Di-isopropyl ether	U		0.000105	0.00100	1	04/26/2025 05:59	WG2500390
Ethylbenzene	U		0.000137	0.00100	1	04/26/2025 05:59	WG2500390
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	04/26/2025 05:59	WG2500390
Isopropylbenzene	U		0.000105	0.00100	1	04/26/2025 05:59	WG2500390
p-Isopropyltoluene	U		0.000120	0.00100	1	04/26/2025 05:59	WG2500390
2-Butanone (MEK)	U		0.00119	0.0100	1	04/26/2025 05:59	WG2500390
Methylene Chloride	U		0.000430	0.00500	1	04/26/2025 05:59	WG2500390
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/26/2025 05:59	WG2500390
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/26/2025 05:59	WG2500390
Naphthalene	U	C3	0.00100	0.00500	1	04/26/2025 05:59	WG2500390
n-Propylbenzene	U		0.0000993	0.00100	1	04/26/2025 05:59	WG2500390
Styrene	U		0.000118	0.00100	1	04/26/2025 05:59	WG2500390
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/26/2025 05:59	WG2500390
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/26/2025 05:59	WG2500390
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	04/26/2025 05:59	WG2500390
Tetrachloroethene	0.357		0.00300	0.0100	10	04/30/2025 23:29	WG2503915
Toluene	U		0.000278	0.00100	1	04/26/2025 05:59	WG2500390
1,2,3-Trichlorobenzene	U	C3	0.000230	0.00100	1	04/26/2025 05:59	WG2500390
1,2,4-Trichlorobenzene	U	C3	0.000481	0.00100	1	04/26/2025 05:59	WG2500390

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/26/2025 05:59	WG2500390
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/26/2025 05:59	WG2500390
Trichloroethene	0.0429		0.000190	0.00100	1	04/26/2025 05:59	WG2500390
Trichlorofluoromethane	U		0.000160	0.00500	1	04/26/2025 05:59	WG2500390
1,2,3-Trichloropropane	U		0.000237	0.00250	1	04/26/2025 05:59	WG2500390
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/26/2025 05:59	WG2500390
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 05:59	WG2500390
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 05:59	WG2500390
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 05:59	WG2500390
Xylenes, Total	U		0.000174	0.00300	1	04/26/2025 05:59	WG2500390
(S) Toluene-d8	*99.7*			*80.0-120*		*04/26/2025 05:59*	WG2500390
(S) Toluene-d8	*115*			*80.0-120*		*04/30/2025 23:29*	WG2503915
(S) 4-Bromofluorobenzene	*89.9*			*77.0-126*		*04/26/2025 05:59*	WG2500390
(S) 4-Bromofluorobenzene	*90.6*			*77.0-126*		*04/30/2025 23:29*	WG2503915
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*04/26/2025 05:59*	WG2500390
(S) 1,2-Dichloroethane-d4	*94.5*			*70.0-130*		*04/30/2025 23:29*	WG2503915

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	04/26/2025 06:20	WG2500390
Acrolein	U		0.00254	0.0500	1	04/26/2025 06:20	WG2500390
Acrylonitrile	U		0.000671	0.0100	1	04/26/2025 06:20	WG2500390
Benzene	U		0.0000941	0.00100	1	04/26/2025 06:20	WG2500390
Bromobenzene	U		0.000118	0.00100	1	04/26/2025 06:20	WG2500390
Bromodichloromethane	U		0.000136	0.00100	1	04/26/2025 06:20	WG2500390
Bromoform	U		0.000129	0.00100	1	04/26/2025 06:20	WG2500390
Bromomethane	U		0.000605	0.00500	1	04/26/2025 06:20	WG2500390
n-Butylbenzene	U	C3	0.000157	0.00100	1	04/26/2025 06:20	WG2500390
sec-Butylbenzene	U		0.000125	0.00100	1	04/26/2025 06:20	WG2500390
tert-Butylbenzene	U		0.000127	0.00100	1	04/26/2025 06:20	WG2500390
Carbon tetrachloride	U		0.000128	0.00100	1	04/26/2025 06:20	WG2500390
Chlorobenzene	U		0.000116	0.00100	1	04/26/2025 06:20	WG2500390
Chlorodibromomethane	U		0.000140	0.00100	1	04/26/2025 06:20	WG2500390
Chloroethane	U		0.000192	0.00500	1	04/26/2025 06:20	WG2500390
Chloroform	0.000356	J	0.000111	0.00500	1	04/26/2025 06:20	WG2500390
Chloromethane	U		0.000960	0.00250	1	04/26/2025 06:20	WG2500390
2-Chlorotoluene	U		0.000106	0.00100	1	04/26/2025 06:20	WG2500390
4-Chlorotoluene	U		0.000114	0.00100	1	04/26/2025 06:20	WG2500390
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	04/26/2025 06:20	WG2500390
1,2-Dibromoethane	U		0.000126	0.00100	1	04/26/2025 06:20	WG2500390
Dibromomethane	U		0.000122	0.00100	1	04/26/2025 06:20	WG2500390
1,2-Dichlorobenzene	U		0.000107	0.00100	1	04/26/2025 06:20	WG2500390
1,3-Dichlorobenzene	U		0.000110	0.00100	1	04/26/2025 06:20	WG2500390
1,4-Dichlorobenzene	U		0.000120	0.00100	1	04/26/2025 06:20	WG2500390
Dichlorodifluoromethane	U		0.000374	0.00500	1	04/26/2025 06:20	WG2500390
1,1-Dichloroethane	U		0.000100	0.00100	1	04/26/2025 06:20	WG2500390
1,2-Dichloroethane	0.000332	J	0.0000819	0.00100	1	04/26/2025 06:20	WG2500390
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 06:20	WG2500390
cis-1,2-Dichloroethene	0.00657		0.000126	0.00100	1	04/26/2025 06:20	WG2500390
trans-1,2-Dichloroethene	0.000512	J	0.000149	0.00100	1	04/26/2025 06:20	WG2500390
1,2-Dichloropropane	U		0.000149	0.00100	1	04/26/2025 06:20	WG2500390
1,1-Dichloropropene	U		0.000142	0.00100	1	04/26/2025 06:20	WG2500390
1,3-Dichloropropane	U		0.000110	0.00100	1	04/26/2025 06:20	WG2500390
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/26/2025 06:20	WG2500390
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/26/2025 06:20	WG2500390
2,2-Dichloropropane	U		0.000161	0.00100	1	04/26/2025 06:20	WG2500390
Di-isopropyl ether	U		0.000105	0.00100	1	04/26/2025 06:20	WG2500390
Ethylbenzene	U		0.000137	0.00100	1	04/26/2025 06:20	WG2500390
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	04/26/2025 06:20	WG2500390
Isopropylbenzene	U		0.000105	0.00100	1	04/26/2025 06:20	WG2500390
p-Isopropyltoluene	U		0.000120	0.00100	1	04/26/2025 06:20	WG2500390
2-Butanone (MEK)	U		0.00119	0.0100	1	04/26/2025 06:20	WG2500390
Methylene Chloride	U		0.000430	0.00500	1	04/26/2025 06:20	WG2500390
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/26/2025 06:20	WG2500390
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/26/2025 06:20	WG2500390
Naphthalene	U	C3	0.00100	0.00500	1	04/26/2025 06:20	WG2500390
n-Propylbenzene	U		0.0000993	0.00100	1	04/26/2025 06:20	WG2500390
Styrene	U		0.000118	0.00100	1	04/26/2025 06:20	WG2500390
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/26/2025 06:20	WG2500390
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/26/2025 06:20	WG2500390
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	04/26/2025 06:20	WG2500390
Tetrachloroethene	0.568		0.00600	0.0200	20	04/30/2025 23:49	WG2503915
Toluene	U		0.000278	0.00100	1	04/26/2025 06:20	WG2500390
1,2,3-Trichlorobenzene	U	C3	0.000230	0.00100	1	04/26/2025 06:20	WG2500390
1,2,4-Trichlorobenzene	U	C3	0.000481	0.00100	1	04/26/2025 06:20	WG2500390

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/26/2025 06:20	WG2500390
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/26/2025 06:20	WG2500390
Trichloroethene	0.0623		0.000190	0.00100	1	04/26/2025 06:20	WG2500390
Trichlorofluoromethane	U		0.000160	0.00500	1	04/26/2025 06:20	WG2500390
1,2,3-Trichloropropane	U		0.000237	0.00250	1	04/26/2025 06:20	WG2500390
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/26/2025 06:20	WG2500390
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 06:20	WG2500390
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 06:20	WG2500390
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 06:20	WG2500390
Xylenes, Total	U		0.000174	0.00300	1	04/26/2025 06:20	WG2500390
(S) Toluene-d8	*97.9*			*80.0-120*		*04/26/2025 06:20*	WG2500390
(S) Toluene-d8	*115*			*80.0-120*		*04/30/2025 23:49*	WG2503915
(S) 4-Bromofluorobenzene	*85.5*			*77.0-126*		*04/26/2025 06:20*	WG2500390
(S) 4-Bromofluorobenzene	*86.6*			*77.0-126*		*04/30/2025 23:49*	WG2503915
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*04/26/2025 06:20*	WG2500390
(S) 1,2-Dichloroethane-d4	*96.3*			*70.0-130*		*04/30/2025 23:49*	WG2503915

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U	J4	0.0113	0.0500	1	04/26/2025 06:40	WG2500390
Acrolein	U		0.00254	0.0500	1	04/26/2025 06:40	WG2500390
Acrylonitrile	U		0.000671	0.0100	1	04/26/2025 06:40	WG2500390
Benzene	U		0.0000941	0.00100	1	04/26/2025 06:40	WG2500390
Bromobenzene	U		0.000118	0.00100	1	04/26/2025 06:40	WG2500390
Bromodichloromethane	U		0.000136	0.00100	1	04/26/2025 06:40	WG2500390
Bromoform	U		0.000129	0.00100	1	04/26/2025 06:40	WG2500390
Bromomethane	U		0.000605	0.00500	1	04/26/2025 06:40	WG2500390
n-Butylbenzene	U	C3	0.000157	0.00100	1	04/26/2025 06:40	WG2500390
sec-Butylbenzene	U		0.000125	0.00100	1	04/26/2025 06:40	WG2500390
tert-Butylbenzene	U		0.000127	0.00100	1	04/26/2025 06:40	WG2500390
Carbon tetrachloride	U		0.000128	0.00100	1	04/26/2025 06:40	WG2500390
Chlorobenzene	U		0.000116	0.00100	1	04/26/2025 06:40	WG2500390
Chlorodibromomethane	0.000367	J	0.000140	0.00100	1	04/26/2025 06:40	WG2500390
Chloroethane	U		0.000192	0.00500	1	04/26/2025 06:40	WG2500390
Chloroform	0.000740	J	0.000111	0.00500	1	04/26/2025 06:40	WG2500390
Chloromethane	U		0.000960	0.00250	1	04/26/2025 06:40	WG2500390
2-Chlorotoluene	U		0.000106	0.00100	1	04/26/2025 06:40	WG2500390
4-Chlorotoluene	U		0.000114	0.00100	1	04/26/2025 06:40	WG2500390
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	04/26/2025 06:40	WG2500390
1,2-Dibromoethane	U		0.000126	0.00100	1	04/26/2025 06:40	WG2500390
Dibromomethane	U		0.000122	0.00100	1	04/26/2025 06:40	WG2500390
1,2-Dichlorobenzene	U		0.000107	0.00100	1	04/26/2025 06:40	WG2500390
1,3-Dichlorobenzene	U		0.000110	0.00100	1	04/26/2025 06:40	WG2500390
1,4-Dichlorobenzene	U		0.000120	0.00100	1	04/26/2025 06:40	WG2500390
Dichlorodifluoromethane	U		0.000374	0.00500	1	04/26/2025 06:40	WG2500390
1,1-Dichloroethane	U		0.000100	0.00100	1	04/26/2025 06:40	WG2500390
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/26/2025 06:40	WG2500390
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 06:40	WG2500390
cis-1,2-Dichloroethene	0.00565		0.000126	0.00100	1	04/26/2025 06:40	WG2500390
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 06:40	WG2500390
1,2-Dichloropropane	U		0.000149	0.00100	1	04/26/2025 06:40	WG2500390
1,1-Dichloropropene	U		0.000142	0.00100	1	04/26/2025 06:40	WG2500390
1,3-Dichloropropane	U		0.000110	0.00100	1	04/26/2025 06:40	WG2500390
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/26/2025 06:40	WG2500390
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/26/2025 06:40	WG2500390
2,2-Dichloropropane	U		0.000161	0.00100	1	04/26/2025 06:40	WG2500390
Di-isopropyl ether	U		0.000105	0.00100	1	04/26/2025 06:40	WG2500390
Ethylbenzene	U		0.000137	0.00100	1	04/26/2025 06:40	WG2500390
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	04/26/2025 06:40	WG2500390
Isopropylbenzene	U		0.000105	0.00100	1	04/26/2025 06:40	WG2500390
p-Isopropyltoluene	U		0.000120	0.00100	1	04/26/2025 06:40	WG2500390
2-Butanone (MEK)	U		0.00119	0.0100	1	04/26/2025 06:40	WG2500390
Methylene Chloride	U		0.000430	0.00500	1	04/26/2025 06:40	WG2500390
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/26/2025 06:40	WG2500390
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/26/2025 06:40	WG2500390
Naphthalene	U	C3	0.00100	0.00500	1	04/26/2025 06:40	WG2500390
n-Propylbenzene	U		0.0000993	0.00100	1	04/26/2025 06:40	WG2500390
Styrene	U		0.000118	0.00100	1	04/26/2025 06:40	WG2500390
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/26/2025 06:40	WG2500390
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/26/2025 06:40	WG2500390
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	04/26/2025 06:40	WG2500390
Tetrachloroethene	0.730		0.00750	0.0250	25	05/01/2025 00:09	WG2503915
Toluene	U		0.000278	0.00100	1	04/26/2025 06:40	WG2500390
1,2,3-Trichlorobenzene	U	C3	0.000230	0.00100	1	04/26/2025 06:40	WG2500390
1,2,4-Trichlorobenzene	U	C3	0.000481	0.00100	1	04/26/2025 06:40	WG2500390

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/26/2025 06:40	WG2500390
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/26/2025 06:40	WG2500390
Trichloroethene	0.00470		0.000190	0.00100	1	04/26/2025 06:40	WG2500390
Trichlorofluoromethane	U		0.000160	0.00500	1	04/26/2025 06:40	WG2500390
1,2,3-Trichloropropane	U		0.000237	0.00250	1	04/26/2025 06:40	WG2500390
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/26/2025 06:40	WG2500390
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 06:40	WG2500390
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 06:40	WG2500390
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 06:40	WG2500390
Xylenes, Total	U		0.000174	0.00300	1	04/26/2025 06:40	WG2500390
(S) Toluene-d8	*98.3*			*80.0-120*		*04/26/2025 06:40*	WG2500390
(S) Toluene-d8	*119*			*80.0-120*		*05/01/2025 00:09*	WG2503915
(S) 4-Bromofluorobenzene	*86.0*			*77.0-126*		*04/26/2025 06:40*	WG2500390
(S) 4-Bromofluorobenzene	*84.9*			*77.0-126*		*05/01/2025 00:09*	WG2503915
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*		*04/26/2025 06:40*	WG2500390
(S) 1,2-Dichloroethane-d4	*93.4*			*70.0-130*		*05/01/2025 00:09*	WG2503915

Wet Chemistry by Method 9056A

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Chloride	625		5.47	10.0	10	04/26/2025 21:53	WG2497890

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U	J4	0.0113	0.0500	1	04/26/2025 07:01	WG2500390
Acrolein	U		0.00254	0.0500	1	04/26/2025 07:01	WG2500390
Acrylonitrile	U		0.000671	0.0100	1	04/26/2025 07:01	WG2500390
Benzene	U		0.0000941	0.00100	1	04/26/2025 07:01	WG2500390
Bromobenzene	U		0.000118	0.00100	1	04/26/2025 07:01	WG2500390
Bromodichloromethane	U		0.000136	0.00100	1	04/26/2025 07:01	WG2500390
Bromoform	U		0.000129	0.00100	1	04/26/2025 07:01	WG2500390
Bromomethane	U		0.000605	0.00500	1	04/26/2025 07:01	WG2500390
n-Butylbenzene	U	C3	0.000157	0.00100	1	04/26/2025 07:01	WG2500390
sec-Butylbenzene	U		0.000125	0.00100	1	04/26/2025 07:01	WG2500390
tert-Butylbenzene	U		0.000127	0.00100	1	04/26/2025 07:01	WG2500390
Carbon tetrachloride	U		0.000128	0.00100	1	04/26/2025 07:01	WG2500390
Chlorobenzene	U		0.000116	0.00100	1	04/26/2025 07:01	WG2500390
Chlorodibromomethane	U		0.000140	0.00100	1	04/26/2025 07:01	WG2500390
Chloroethane	U		0.000192	0.00500	1	04/26/2025 07:01	WG2500390
Chloroform	0.000170	J	0.000111	0.00500	1	04/26/2025 07:01	WG2500390
Chloromethane	U		0.000960	0.00250	1	04/26/2025 07:01	WG2500390
2-Chlorotoluene	U		0.000106	0.00100	1	04/26/2025 07:01	WG2500390
4-Chlorotoluene	U		0.000114	0.00100	1	04/26/2025 07:01	WG2500390
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	04/26/2025 07:01	WG2500390
1,2-Dibromoethane	U		0.000126	0.00100	1	04/26/2025 07:01	WG2500390
Dibromomethane	U		0.000122	0.00100	1	04/26/2025 07:01	WG2500390
1,2-Dichlorobenzene	U		0.000107	0.00100	1	04/26/2025 07:01	WG2500390
1,3-Dichlorobenzene	U		0.000110	0.00100	1	04/26/2025 07:01	WG2500390
1,4-Dichlorobenzene	U		0.000120	0.00100	1	04/26/2025 07:01	WG2500390
Dichlorodifluoromethane	U		0.000374	0.00500	1	04/26/2025 07:01	WG2500390
1,1-Dichloroethane	U		0.000100	0.00100	1	04/26/2025 07:01	WG2500390
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/26/2025 07:01	WG2500390
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 07:01	WG2500390
cis-1,2-Dichloroethene	0.0188		0.000126	0.00100	1	04/26/2025 07:01	WG2500390
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 07:01	WG2500390
1,2-Dichloropropane	U		0.000149	0.00100	1	04/26/2025 07:01	WG2500390
1,1-Dichloropropene	U		0.000142	0.00100	1	04/26/2025 07:01	WG2500390
1,3-Dichloropropane	U		0.000110	0.00100	1	04/26/2025 07:01	WG2500390
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/26/2025 07:01	WG2500390
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/26/2025 07:01	WG2500390
2,2-Dichloropropane	U		0.000161	0.00100	1	04/26/2025 07:01	WG2500390
Di-isopropyl ether	U		0.000105	0.00100	1	04/26/2025 07:01	WG2500390
Ethylbenzene	U		0.000137	0.00100	1	04/26/2025 07:01	WG2500390
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	04/26/2025 07:01	WG2500390
Isopropylbenzene	U		0.000105	0.00100	1	04/26/2025 07:01	WG2500390
p-Isopropyltoluene	U		0.000120	0.00100	1	04/26/2025 07:01	WG2500390
2-Butanone (MEK)	U		0.00119	0.0100	1	04/26/2025 07:01	WG2500390
Methylene Chloride	U		0.000430	0.00500	1	04/26/2025 07:01	WG2500390
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/26/2025 07:01	WG2500390
Methyl tert-butyl ether	0.0135		0.000101	0.00100	1	04/26/2025 07:01	WG2500390
Naphthalene	U	C3	0.00100	0.00500	1	04/26/2025 07:01	WG2500390
n-Propylbenzene	U		0.0000993	0.00100	1	04/26/2025 07:01	WG2500390
Styrene	U		0.000118	0.00100	1	04/26/2025 07:01	WG2500390
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/26/2025 07:01	WG2500390

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/26/2025 07:01	WG2500390
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	04/26/2025 07:01	WG2500390
Tetrachloroethene	1.46		0.0150	0.0500	50	05/01/2025 00:29	WG2503915
Toluene	U		0.000278	0.00100	1	04/26/2025 07:01	WG2500390
1,2,3-Trichlorobenzene	U	C3	0.000230	0.00100	1	04/26/2025 07:01	WG2500390
1,2,4-Trichlorobenzene	U	C3	0.000481	0.00100	1	04/26/2025 07:01	WG2500390
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/26/2025 07:01	WG2500390
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/26/2025 07:01	WG2500390
Trichloroethene	0.0133		0.000190	0.00100	1	04/26/2025 07:01	WG2500390
Trichlorofluoromethane	U		0.000160	0.00500	1	04/26/2025 07:01	WG2500390
1,2,3-Trichloropropane	U		0.000237	0.00250	1	04/26/2025 07:01	WG2500390
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/26/2025 07:01	WG2500390
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 07:01	WG2500390
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 07:01	WG2500390
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 07:01	WG2500390
Xylenes, Total	U		0.000174	0.00300	1	04/26/2025 07:01	WG2500390
(S) Toluene-d8	*95.4*			*80.0-120*		*04/26/2025 07:01*	WG2500390
(S) Toluene-d8	*123*	J1		*80.0-120*		*05/01/2025 00:29*	WG2503915
(S) 4-Bromofluorobenzene	*88.7*			*77.0-126*		*04/26/2025 07:01*	WG2500390
(S) 4-Bromofluorobenzene	*86.7*			*77.0-126*		*05/01/2025 00:29*	WG2503915
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*04/26/2025 07:01*	WG2500390
(S) 1,2-Dichloroethane-d4	*93.6*			*70.0-130*		*05/01/2025 00:29*	WG2503915

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U	J4	0.0113	0.0500	1	04/26/2025 07:22	WG2500390
Acrolein	U		0.00254	0.0500	1	04/26/2025 07:22	WG2500390
Acrylonitrile	U		0.000671	0.0100	1	04/26/2025 07:22	WG2500390
Benzene	U		0.0000941	0.00100	1	04/26/2025 07:22	WG2500390
Bromobenzene	U		0.000118	0.00100	1	04/26/2025 07:22	WG2500390
Bromodichloromethane	U		0.000136	0.00100	1	04/26/2025 07:22	WG2500390
Bromoform	U		0.000129	0.00100	1	04/26/2025 07:22	WG2500390
Bromomethane	U		0.000605	0.00500	1	04/26/2025 07:22	WG2500390
n-Butylbenzene	U	C3	0.000157	0.00100	1	04/26/2025 07:22	WG2500390
sec-Butylbenzene	U		0.000125	0.00100	1	04/26/2025 07:22	WG2500390
tert-Butylbenzene	U		0.000127	0.00100	1	04/26/2025 07:22	WG2500390
Carbon tetrachloride	U		0.000128	0.00100	1	04/26/2025 07:22	WG2500390
Chlorobenzene	U		0.000116	0.00100	1	04/26/2025 07:22	WG2500390
Chlorodibromomethane	U		0.000140	0.00100	1	04/26/2025 07:22	WG2500390
Chloroethane	U		0.000192	0.00500	1	04/26/2025 07:22	WG2500390
Chloroform	0.000369	J	0.000111	0.00500	1	04/26/2025 07:22	WG2500390
Chloromethane	U		0.000960	0.00250	1	04/26/2025 07:22	WG2500390
2-Chlorotoluene	U		0.000106	0.00100	1	04/26/2025 07:22	WG2500390
4-Chlorotoluene	U		0.000114	0.00100	1	04/26/2025 07:22	WG2500390
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	04/26/2025 07:22	WG2500390
1,2-Dibromoethane	U		0.000126	0.00100	1	04/26/2025 07:22	WG2500390
Dibromomethane	U		0.000122	0.00100	1	04/26/2025 07:22	WG2500390
1,2-Dichlorobenzene	U		0.000107	0.00100	1	04/26/2025 07:22	WG2500390
1,3-Dichlorobenzene	U		0.000110	0.00100	1	04/26/2025 07:22	WG2500390
1,4-Dichlorobenzene	U		0.000120	0.00100	1	04/26/2025 07:22	WG2500390
Dichlorodifluoromethane	U		0.000374	0.00500	1	04/26/2025 07:22	WG2500390
1,1-Dichloroethane	U		0.000100	0.00100	1	04/26/2025 07:22	WG2500390
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/26/2025 07:22	WG2500390
1,1-Dichloroethene	0.000884	J	0.000188	0.00100	1	04/26/2025 07:22	WG2500390
cis-1,2-Dichloroethene	0.0495		0.000126	0.00100	1	04/26/2025 07:22	WG2500390
trans-1,2-Dichloroethene	0.000171	J	0.000149	0.00100	1	04/26/2025 07:22	WG2500390
1,2-Dichloropropane	U		0.000149	0.00100	1	04/26/2025 07:22	WG2500390
1,1-Dichloropropene	U		0.000142	0.00100	1	04/26/2025 07:22	WG2500390
1,3-Dichloropropane	U		0.000110	0.00100	1	04/26/2025 07:22	WG2500390
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/26/2025 07:22	WG2500390
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/26/2025 07:22	WG2500390
2,2-Dichloropropane	U		0.000161	0.00100	1	04/26/2025 07:22	WG2500390
Di-isopropyl ether	U		0.000105	0.00100	1	04/26/2025 07:22	WG2500390
Ethylbenzene	U		0.000137	0.00100	1	04/26/2025 07:22	WG2500390
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	04/26/2025 07:22	WG2500390
Isopropylbenzene	U		0.000105	0.00100	1	04/26/2025 07:22	WG2500390
p-Isopropyltoluene	U		0.000120	0.00100	1	04/26/2025 07:22	WG2500390
2-Butanone (MEK)	U		0.00119	0.0100	1	04/26/2025 07:22	WG2500390
Methylene Chloride	U		0.000430	0.00500	1	04/26/2025 07:22	WG2500390
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/26/2025 07:22	WG2500390
Methyl tert-butyl ether	0.000383	J	0.000101	0.00100	1	04/26/2025 07:22	WG2500390
Naphthalene	U	C3	0.00100	0.00500	1	04/26/2025 07:22	WG2500390
n-Propylbenzene	U		0.0000993	0.00100	1	04/26/2025 07:22	WG2500390
Styrene	U		0.000118	0.00100	1	04/26/2025 07:22	WG2500390
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/26/2025 07:22	WG2500390
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/26/2025 07:22	WG2500390
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	04/26/2025 07:22	WG2500390
Tetrachloroethene	2.49		0.0300	0.100	100	05/01/2025 00:48	WG2503915
Toluene	U		0.000278	0.00100	1	04/26/2025 07:22	WG2500390
1,2,3-Trichlorobenzene	U	C3	0.000230	0.00100	1	04/26/2025 07:22	WG2500390
1,2,4-Trichlorobenzene	U	C3	0.000481	0.00100	1	04/26/2025 07:22	WG2500390

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/26/2025 07:22	WG2500390
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/26/2025 07:22	WG2500390
Trichloroethene	0.0249		0.000190	0.00100	1	04/26/2025 07:22	WG2500390
Trichlorofluoromethane	U		0.000160	0.00500	1	04/26/2025 07:22	WG2500390
1,2,3-Trichloropropane	U		0.000237	0.00250	1	04/26/2025 07:22	WG2500390
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/26/2025 07:22	WG2500390
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 07:22	WG2500390
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 07:22	WG2500390
Vinyl chloride	0.00267		0.000234	0.00100	1	04/26/2025 07:22	WG2500390
Xylenes, Total	U		0.000174	0.00300	1	04/26/2025 07:22	WG2500390
(S) Toluene-d8	*98.8*			*80.0-120*		*04/26/2025 07:22*	WG2500390
(S) Toluene-d8	*121*	J1		*80.0-120*		*05/01/2025 00:48*	WG2503915
(S) 4-Bromofluorobenzene	*88.8*			*77.0-126*		*04/26/2025 07:22*	WG2500390
(S) 4-Bromofluorobenzene	*87.3*			*77.0-126*		*05/01/2025 00:48*	WG2503915
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*04/26/2025 07:22*	WG2500390
(S) 1,2-Dichloroethane-d4	*97.8*			*70.0-130*		*05/01/2025 00:48*	WG2503915

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U	J4	0.0113	0.0500	1	04/26/2025 07:42	WG2500390
Acrolein	U		0.00254	0.0500	1	04/26/2025 07:42	WG2500390
Acrylonitrile	U		0.000671	0.0100	1	04/26/2025 07:42	WG2500390
Benzene	U		0.0000941	0.00100	1	04/26/2025 07:42	WG2500390
Bromobenzene	U		0.000118	0.00100	1	04/26/2025 07:42	WG2500390
Bromodichloromethane	U		0.000136	0.00100	1	04/26/2025 07:42	WG2500390
Bromoform	U		0.000129	0.00100	1	04/26/2025 07:42	WG2500390
Bromomethane	U		0.000605	0.00500	1	04/26/2025 07:42	WG2500390
n-Butylbenzene	U	C3	0.000157	0.00100	1	04/26/2025 07:42	WG2500390
sec-Butylbenzene	U		0.000125	0.00100	1	04/26/2025 07:42	WG2500390
tert-Butylbenzene	U		0.000127	0.00100	1	04/26/2025 07:42	WG2500390
Carbon tetrachloride	U		0.000128	0.00100	1	04/26/2025 07:42	WG2500390
Chlorobenzene	U		0.000116	0.00100	1	04/26/2025 07:42	WG2500390
Chlorodibromomethane	U		0.000140	0.00100	1	04/26/2025 07:42	WG2500390
Chloroethane	U		0.000192	0.00500	1	04/26/2025 07:42	WG2500390
Chloroform	0.000395	J	0.000111	0.00500	1	04/26/2025 07:42	WG2500390
Chloromethane	U		0.000960	0.00250	1	04/26/2025 07:42	WG2500390
2-Chlorotoluene	U		0.000106	0.00100	1	04/26/2025 07:42	WG2500390
4-Chlorotoluene	U		0.000114	0.00100	1	04/26/2025 07:42	WG2500390
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	04/26/2025 07:42	WG2500390
1,2-Dibromoethane	U		0.000126	0.00100	1	04/26/2025 07:42	WG2500390
Dibromomethane	U		0.000122	0.00100	1	04/26/2025 07:42	WG2500390
1,2-Dichlorobenzene	U		0.000107	0.00100	1	04/26/2025 07:42	WG2500390
1,3-Dichlorobenzene	U		0.000110	0.00100	1	04/26/2025 07:42	WG2500390
1,4-Dichlorobenzene	U		0.000120	0.00100	1	04/26/2025 07:42	WG2500390
Dichlorodifluoromethane	U		0.000374	0.00500	1	04/26/2025 07:42	WG2500390
1,1-Dichloroethane	U		0.000100	0.00100	1	04/26/2025 07:42	WG2500390
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/26/2025 07:42	WG2500390
1,1-Dichloroethene	0.000680	J	0.000188	0.00100	1	04/26/2025 07:42	WG2500390
cis-1,2-Dichloroethene	0.0488		0.000126	0.00100	1	04/26/2025 07:42	WG2500390
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 07:42	WG2500390
1,2-Dichloropropane	0.000378	J	0.000149	0.00100	1	04/26/2025 07:42	WG2500390
1,1-Dichloropropene	U		0.000142	0.00100	1	04/26/2025 07:42	WG2500390
1,3-Dichloropropane	U		0.000110	0.00100	1	04/26/2025 07:42	WG2500390
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/26/2025 07:42	WG2500390
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/26/2025 07:42	WG2500390
2,2-Dichloropropane	U		0.000161	0.00100	1	04/26/2025 07:42	WG2500390
Di-isopropyl ether	U		0.000105	0.00100	1	04/26/2025 07:42	WG2500390
Ethylbenzene	U		0.000137	0.00100	1	04/26/2025 07:42	WG2500390
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	04/26/2025 07:42	WG2500390
Isopropylbenzene	U		0.000105	0.00100	1	04/26/2025 07:42	WG2500390
p-Isopropyltoluene	U		0.000120	0.00100	1	04/26/2025 07:42	WG2500390
2-Butanone (MEK)	U		0.00119	0.0100	1	04/26/2025 07:42	WG2500390
Methylene Chloride	U		0.000430	0.00500	1	04/26/2025 07:42	WG2500390
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/26/2025 07:42	WG2500390
Methyl tert-butyl ether	0.000371	J	0.000101	0.00100	1	04/26/2025 07:42	WG2500390
Naphthalene	U	C3	0.00100	0.00500	1	04/26/2025 07:42	WG2500390
n-Propylbenzene	U		0.0000993	0.00100	1	04/26/2025 07:42	WG2500390
Styrene	U		0.000118	0.00100	1	04/26/2025 07:42	WG2500390
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/26/2025 07:42	WG2500390
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/26/2025 07:42	WG2500390
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	04/26/2025 07:42	WG2500390
Tetrachloroethene	2.34		0.0300	0.100	100	05/01/2025 01:08	WG2503915
Toluene	U		0.000278	0.00100	1	04/26/2025 07:42	WG2500390
1,2,3-Trichlorobenzene	U	C3	0.000230	0.00100	1	04/26/2025 07:42	WG2500390
1,2,4-Trichlorobenzene	U	C3	0.000481	0.00100	1	04/26/2025 07:42	WG2500390

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/26/2025 07:42	WG2500390
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/26/2025 07:42	WG2500390
Trichloroethene	0.0244		0.000190	0.00100	1	04/26/2025 07:42	WG2500390
Trichlorofluoromethane	U		0.000160	0.00500	1	04/26/2025 07:42	WG2500390
1,2,3-Trichloropropane	U		0.000237	0.00250	1	04/26/2025 07:42	WG2500390
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/26/2025 07:42	WG2500390
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 07:42	WG2500390
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 07:42	WG2500390
Vinyl chloride	0.00267		0.000234	0.00100	1	04/26/2025 07:42	WG2500390
Xylenes, Total	U		0.000174	0.00300	1	04/26/2025 07:42	WG2500390
(S) Toluene-d8	*96.4*			*80.0-120*		*04/26/2025 07:42*	WG2500390
(S) Toluene-d8	*119*			*80.0-120*		*05/01/2025 01:08*	WG2503915
(S) 4-Bromofluorobenzene	*87.9*			*77.0-126*		*04/26/2025 07:42*	WG2500390
(S) 4-Bromofluorobenzene	*88.7*			*77.0-126*		*05/01/2025 01:08*	WG2503915
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*		*04/26/2025 07:42*	WG2500390
(S) 1,2-Dichloroethane-d4	*96.1*			*70.0-130*		*05/01/2025 01:08*	WG2503915

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U	J4	0.0113	0.0500	1	04/26/2025 08:03	WG2500390
Acrolein	U		0.00254	0.0500	1	04/26/2025 08:03	WG2500390
Acrylonitrile	U		0.000671	0.0100	1	04/26/2025 08:03	WG2500390
Benzene	U		0.0000941	0.00100	1	04/26/2025 08:03	WG2500390
Bromobenzene	U		0.000118	0.00100	1	04/26/2025 08:03	WG2500390
Bromodichloromethane	U		0.000136	0.00100	1	04/26/2025 08:03	WG2500390
Bromoform	U		0.000129	0.00100	1	04/26/2025 08:03	WG2500390
Bromomethane	U		0.000605	0.00500	1	04/26/2025 08:03	WG2500390
n-Butylbenzene	U	C3	0.000157	0.00100	1	04/26/2025 08:03	WG2500390
sec-Butylbenzene	U		0.000125	0.00100	1	04/26/2025 08:03	WG2500390
tert-Butylbenzene	U		0.000127	0.00100	1	04/26/2025 08:03	WG2500390
Carbon tetrachloride	U		0.000128	0.00100	1	04/26/2025 08:03	WG2500390
Chlorobenzene	U		0.000116	0.00100	1	04/26/2025 08:03	WG2500390
Chlorodibromomethane	U		0.000140	0.00100	1	04/26/2025 08:03	WG2500390
Chloroethane	U		0.000192	0.00500	1	04/26/2025 08:03	WG2500390
Chloroform	U		0.000111	0.00500	1	04/26/2025 08:03	WG2500390
Chloromethane	U		0.000960	0.00250	1	04/26/2025 08:03	WG2500390
2-Chlorotoluene	U		0.000106	0.00100	1	04/26/2025 08:03	WG2500390
4-Chlorotoluene	U		0.000114	0.00100	1	04/26/2025 08:03	WG2500390
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	04/26/2025 08:03	WG2500390
1,2-Dibromoethane	U		0.000126	0.00100	1	04/26/2025 08:03	WG2500390
Dibromomethane	U		0.000122	0.00100	1	04/26/2025 08:03	WG2500390
1,2-Dichlorobenzene	U		0.000107	0.00100	1	04/26/2025 08:03	WG2500390
1,3-Dichlorobenzene	U		0.000110	0.00100	1	04/26/2025 08:03	WG2500390
1,4-Dichlorobenzene	U		0.000120	0.00100	1	04/26/2025 08:03	WG2500390
Dichlorodifluoromethane	U		0.000374	0.00500	1	04/26/2025 08:03	WG2500390
1,1-Dichloroethane	U		0.000100	0.00100	1	04/26/2025 08:03	WG2500390
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/26/2025 08:03	WG2500390
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 08:03	WG2500390
cis-1,2-Dichloroethene	0.00547		0.000126	0.00100	1	04/26/2025 08:03	WG2500390
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 08:03	WG2500390
1,2-Dichloropropane	U		0.000149	0.00100	1	04/26/2025 08:03	WG2500390
1,1-Dichloropropene	U		0.000142	0.00100	1	04/26/2025 08:03	WG2500390
1,3-Dichloropropane	U		0.000110	0.00100	1	04/26/2025 08:03	WG2500390
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/26/2025 08:03	WG2500390
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/26/2025 08:03	WG2500390
2,2-Dichloropropane	U		0.000161	0.00100	1	04/26/2025 08:03	WG2500390
Di-isopropyl ether	U		0.000105	0.00100	1	04/26/2025 08:03	WG2500390
Ethylbenzene	U		0.000137	0.00100	1	04/26/2025 08:03	WG2500390
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	04/26/2025 08:03	WG2500390
Isopropylbenzene	U		0.000105	0.00100	1	04/26/2025 08:03	WG2500390
p-Isopropyltoluene	U		0.000120	0.00100	1	04/26/2025 08:03	WG2500390
2-Butanone (MEK)	U		0.00119	0.0100	1	04/26/2025 08:03	WG2500390
Methylene Chloride	U		0.000430	0.00500	1	04/26/2025 08:03	WG2500390
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/26/2025 08:03	WG2500390
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/26/2025 08:03	WG2500390
Naphthalene	U	C3	0.00100	0.00500	1	04/26/2025 08:03	WG2500390
n-Propylbenzene	U		0.0000993	0.00100	1	04/26/2025 08:03	WG2500390
Styrene	U		0.000118	0.00100	1	04/26/2025 08:03	WG2500390
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/26/2025 08:03	WG2500390
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/26/2025 08:03	WG2500390
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	04/26/2025 08:03	WG2500390
Tetrachloroethene	0.293		0.0300	0.100	100	05/01/2025 01:28	WG2503915
Toluene	U		0.000278	0.00100	1	04/26/2025 08:03	WG2500390
1,2,3-Trichlorobenzene	U	C3	0.000230	0.00100	1	04/26/2025 08:03	WG2500390
1,2,4-Trichlorobenzene	U	C3	0.000481	0.00100	1	04/26/2025 08:03	WG2500390

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/26/2025 08:03	WG2500390
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/26/2025 08:03	WG2500390
Trichloroethene	0.00454		0.000190	0.00100	1	04/26/2025 08:03	WG2500390
Trichlorofluoromethane	U		0.000160	0.00500	1	04/26/2025 08:03	WG2500390
1,2,3-Trichloropropane	U		0.000237	0.00250	1	04/26/2025 08:03	WG2500390
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/26/2025 08:03	WG2500390
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 08:03	WG2500390
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 08:03	WG2500390
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 08:03	WG2500390
Xylenes, Total	U		0.000174	0.00300	1	04/26/2025 08:03	WG2500390
(S) Toluene-d8	*101*			*80.0-120*		*04/26/2025 08:03*	WG2500390
(S) Toluene-d8	*120*			*80.0-120*		*05/01/2025 01:28*	WG2503915
(S) 4-Bromofluorobenzene	*85.1*			*77.0-126*		*04/26/2025 08:03*	WG2500390
(S) 4-Bromofluorobenzene	*88.6*			*77.0-126*		*05/01/2025 01:28*	WG2503915
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*		*04/26/2025 08:03*	WG2500390
(S) 1,2-Dichloroethane-d4	*95.3*			*70.0-130*		*05/01/2025 01:28*	WG2503915

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U	J4	0.0113	0.0500	1	04/26/2025 08:23	WG2500390
Acrolein	U		0.00254	0.0500	1	04/26/2025 08:23	WG2500390
Acrylonitrile	U		0.000671	0.0100	1	04/26/2025 08:23	WG2500390
Benzene	U		0.0000941	0.00100	1	04/26/2025 08:23	WG2500390
Bromobenzene	U		0.000118	0.00100	1	04/26/2025 08:23	WG2500390
Bromodichloromethane	U		0.000136	0.00100	1	04/26/2025 08:23	WG2500390
Bromoform	U		0.000129	0.00100	1	04/26/2025 08:23	WG2500390
Bromomethane	U		0.000605	0.00500	1	04/26/2025 08:23	WG2500390
n-Butylbenzene	U	C3	0.000157	0.00100	1	04/26/2025 08:23	WG2500390
sec-Butylbenzene	U		0.000125	0.00100	1	04/26/2025 08:23	WG2500390
tert-Butylbenzene	U		0.000127	0.00100	1	04/26/2025 08:23	WG2500390
Carbon tetrachloride	U		0.000128	0.00100	1	04/26/2025 08:23	WG2500390
Chlorobenzene	0.000160	J	0.000116	0.00100	1	04/26/2025 08:23	WG2500390
Chlorodibromomethane	U		0.000140	0.00100	1	04/26/2025 08:23	WG2500390
Chloroethane	U		0.000192	0.00500	1	04/26/2025 08:23	WG2500390
Chloroform	U		0.000111	0.00500	1	04/26/2025 08:23	WG2500390
Chloromethane	U		0.000960	0.00250	1	04/26/2025 08:23	WG2500390
2-Chlorotoluene	U		0.000106	0.00100	1	04/26/2025 08:23	WG2500390
4-Chlorotoluene	U		0.000114	0.00100	1	04/26/2025 08:23	WG2500390
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	04/26/2025 08:23	WG2500390
1,2-Dibromoethane	U		0.000126	0.00100	1	04/26/2025 08:23	WG2500390
Dibromomethane	U		0.000122	0.00100	1	04/26/2025 08:23	WG2500390
1,2-Dichlorobenzene	0.000340	J	0.000107	0.00100	1	04/26/2025 08:23	WG2500390
1,3-Dichlorobenzene	U		0.000110	0.00100	1	04/26/2025 08:23	WG2500390
1,4-Dichlorobenzene	0.000529	J	0.000120	0.00100	1	04/26/2025 08:23	WG2500390
Dichlorodifluoromethane	U		0.000374	0.00500	1	04/26/2025 08:23	WG2500390
1,1-Dichloroethane	U		0.000100	0.00100	1	04/26/2025 08:23	WG2500390
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/26/2025 08:23	WG2500390
1,1-Dichloroethene	0.000231	J	0.000188	0.00100	1	04/26/2025 08:23	WG2500390
cis-1,2-Dichloroethene	0.00416		0.000126	0.00100	1	04/26/2025 08:23	WG2500390
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 08:23	WG2500390
1,2-Dichloropropane	U		0.000149	0.00100	1	04/26/2025 08:23	WG2500390
1,1-Dichloropropene	U		0.000142	0.00100	1	04/26/2025 08:23	WG2500390
1,3-Dichloropropane	U		0.000110	0.00100	1	04/26/2025 08:23	WG2500390
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/26/2025 08:23	WG2500390
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/26/2025 08:23	WG2500390
2,2-Dichloropropane	U		0.000161	0.00100	1	04/26/2025 08:23	WG2500390
Di-isopropyl ether	U		0.000105	0.00100	1	04/26/2025 08:23	WG2500390
Ethylbenzene	U		0.000137	0.00100	1	04/26/2025 08:23	WG2500390
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	04/26/2025 08:23	WG2500390
Isopropylbenzene	U		0.000105	0.00100	1	04/26/2025 08:23	WG2500390
p-Isopropyltoluene	U		0.000120	0.00100	1	04/26/2025 08:23	WG2500390
2-Butanone (MEK)	U		0.00119	0.0100	1	04/26/2025 08:23	WG2500390
Methylene Chloride	U		0.000430	0.00500	1	04/26/2025 08:23	WG2500390
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/26/2025 08:23	WG2500390
Methyl tert-butyl ether	0.000118	J	0.000101	0.00100	1	04/26/2025 08:23	WG2500390
Naphthalene	U	C3	0.00100	0.00500	1	04/26/2025 08:23	WG2500390
n-Propylbenzene	U		0.0000993	0.00100	1	04/26/2025 08:23	WG2500390
Styrene	U		0.000118	0.00100	1	04/26/2025 08:23	WG2500390
1,1,1,2-Tetrachloroethane	0.000869	J	0.000147	0.00100	1	04/26/2025 08:23	WG2500390
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/26/2025 08:23	WG2500390
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	04/26/2025 08:23	WG2500390
Tetrachloroethene	9.95		0.150	0.500	500	05/01/2025 01:48	WG2503915
Toluene	U		0.000278	0.00100	1	04/26/2025 08:23	WG2500390
1,2,3-Trichlorobenzene	U	C3	0.000230	0.00100	1	04/26/2025 08:23	WG2500390
1,2,4-Trichlorobenzene	U	C3	0.000481	0.00100	1	04/26/2025 08:23	WG2500390

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/26/2025 08:23	WG2500390
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/26/2025 08:23	WG2500390
Trichloroethene	0.0248		0.000190	0.00100	1	04/26/2025 08:23	WG2500390
Trichlorofluoromethane	U		0.000160	0.00500	1	04/26/2025 08:23	WG2500390
1,2,3-Trichloropropane	U		0.000237	0.00250	1	04/26/2025 08:23	WG2500390
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/26/2025 08:23	WG2500390
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 08:23	WG2500390
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 08:23	WG2500390
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 08:23	WG2500390
Xylenes, Total	U		0.000174	0.00300	1	04/26/2025 08:23	WG2500390
(S) Toluene-d8	*93.2*			*80.0-120*		*04/26/2025 08:23*	WG2500390
(S) Toluene-d8	*115*			*80.0-120*		*05/01/2025 01:48*	WG2503915
(S) 4-Bromofluorobenzene	*87.4*			*77.0-126*		*04/26/2025 08:23*	WG2500390
(S) 4-Bromofluorobenzene	*80.6*			*77.0-126*		*05/01/2025 01:48*	WG2503915
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/26/2025 08:23*	WG2500390
(S) 1,2-Dichloroethane-d4	*96.3*			*70.0-130*		*05/01/2025 01:48*	WG2503915

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U	J4	0.0113	0.0500	1	04/26/2025 08:44	WG2500390
Acrolein	U		0.00254	0.0500	1	04/26/2025 08:44	WG2500390
Acrylonitrile	U		0.000671	0.0100	1	04/26/2025 08:44	WG2500390
Benzene	U		0.0000941	0.00100	1	04/26/2025 08:44	WG2500390
Bromobenzene	U		0.000118	0.00100	1	04/26/2025 08:44	WG2500390
Bromodichloromethane	U		0.000136	0.00100	1	04/26/2025 08:44	WG2500390
Bromoform	U		0.000129	0.00100	1	04/26/2025 08:44	WG2500390
Bromomethane	U		0.000605	0.00500	1	04/26/2025 08:44	WG2500390
n-Butylbenzene	U	C3	0.000157	0.00100	1	04/26/2025 08:44	WG2500390
sec-Butylbenzene	U		0.000125	0.00100	1	04/26/2025 08:44	WG2500390
tert-Butylbenzene	U		0.000127	0.00100	1	04/26/2025 08:44	WG2500390
Carbon tetrachloride	U		0.000128	0.00100	1	04/26/2025 08:44	WG2500390
Chlorobenzene	0.000131	J	0.000116	0.00100	1	04/26/2025 08:44	WG2500390
Chlorodibromomethane	U		0.000140	0.00100	1	04/26/2025 08:44	WG2500390
Chloroethane	U		0.000192	0.00500	1	04/26/2025 08:44	WG2500390
Chloroform	U		0.000111	0.00500	1	04/26/2025 08:44	WG2500390
Chloromethane	U		0.000960	0.00250	1	04/26/2025 08:44	WG2500390
2-Chlorotoluene	U		0.000106	0.00100	1	04/26/2025 08:44	WG2500390
4-Chlorotoluene	U		0.000114	0.00100	1	04/26/2025 08:44	WG2500390
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	04/26/2025 08:44	WG2500390
1,2-Dibromoethane	U		0.000126	0.00100	1	04/26/2025 08:44	WG2500390
Dibromomethane	U		0.000122	0.00100	1	04/26/2025 08:44	WG2500390
1,2-Dichlorobenzene	0.000343	J	0.000107	0.00100	1	04/26/2025 08:44	WG2500390
1,3-Dichlorobenzene	U		0.000110	0.00100	1	04/26/2025 08:44	WG2500390
1,4-Dichlorobenzene	0.000464	J	0.000120	0.00100	1	04/26/2025 08:44	WG2500390
Dichlorodifluoromethane	U		0.000374	0.00500	1	04/26/2025 08:44	WG2500390
1,1-Dichloroethane	U		0.000100	0.00100	1	04/26/2025 08:44	WG2500390
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/26/2025 08:44	WG2500390
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 08:44	WG2500390
cis-1,2-Dichloroethene	0.00407		0.000126	0.00100	1	04/26/2025 08:44	WG2500390
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 08:44	WG2500390
1,2-Dichloropropane	U		0.000149	0.00100	1	04/26/2025 08:44	WG2500390
1,1-Dichloropropene	U		0.000142	0.00100	1	04/26/2025 08:44	WG2500390
1,3-Dichloropropane	U		0.000110	0.00100	1	04/26/2025 08:44	WG2500390
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/26/2025 08:44	WG2500390
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/26/2025 08:44	WG2500390
2,2-Dichloropropane	U		0.000161	0.00100	1	04/26/2025 08:44	WG2500390
Di-isopropyl ether	U		0.000105	0.00100	1	04/26/2025 08:44	WG2500390
Ethylbenzene	U		0.000137	0.00100	1	04/26/2025 08:44	WG2500390
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	04/26/2025 08:44	WG2500390
Isopropylbenzene	U		0.000105	0.00100	1	04/26/2025 08:44	WG2500390
p-Isopropyltoluene	U		0.000120	0.00100	1	04/26/2025 08:44	WG2500390
2-Butanone (MEK)	U		0.00119	0.0100	1	04/26/2025 08:44	WG2500390
Methylene Chloride	U		0.000430	0.00500	1	04/26/2025 08:44	WG2500390
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/26/2025 08:44	WG2500390
Methyl tert-butyl ether	0.000145	J	0.000101	0.00100	1	04/26/2025 08:44	WG2500390
Naphthalene	U	C3	0.00100	0.00500	1	04/26/2025 08:44	WG2500390
n-Propylbenzene	U		0.0000993	0.00100	1	04/26/2025 08:44	WG2500390
Styrene	U		0.000118	0.00100	1	04/26/2025 08:44	WG2500390
1,1,1,2-Tetrachloroethane	0.000674	J	0.000147	0.00100	1	04/26/2025 08:44	WG2500390
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/26/2025 08:44	WG2500390
1,1,2-Trichlorotrifluoroethane	0.000199	J	0.000180	0.00100	1	04/26/2025 08:44	WG2500390
Tetrachloroethene	7.34		0.150	0.500	500	05/01/2025 02:08	WG2503915
Toluene	U		0.000278	0.00100	1	04/26/2025 08:44	WG2500390
1,2,3-Trichlorobenzene	U	C3	0.000230	0.00100	1	04/26/2025 08:44	WG2500390
1,2,4-Trichlorobenzene	U	C3	0.000481	0.00100	1	04/26/2025 08:44	WG2500390

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/26/2025 08:44	WG2500390
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/26/2025 08:44	WG2500390
Trichloroethene	0.0230		0.000190	0.00100	1	04/26/2025 08:44	WG2500390
Trichlorofluoromethane	U		0.000160	0.00500	1	04/26/2025 08:44	WG2500390
1,2,3-Trichloropropane	U		0.000237	0.00250	1	04/26/2025 08:44	WG2500390
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/26/2025 08:44	WG2500390
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 08:44	WG2500390
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 08:44	WG2500390
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 08:44	WG2500390
Xylenes, Total	U		0.000174	0.00300	1	04/26/2025 08:44	WG2500390
(S) Toluene-d8	*92.9*			*80.0-120*		*04/26/2025 08:44*	WG2500390
(S) Toluene-d8	*121*	J1		*80.0-120*		*05/01/2025 02:08*	WG2503915
(S) 4-Bromofluorobenzene	*85.9*			*77.0-126*		*04/26/2025 08:44*	WG2500390
(S) 4-Bromofluorobenzene	*92.0*			*77.0-126*		*05/01/2025 02:08*	WG2503915
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*04/26/2025 08:44*	WG2500390
(S) 1,2-Dichloroethane-d4	*97.9*			*70.0-130*		*05/01/2025 02:08*	WG2503915

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	04/26/2025 09:04	WG2500390
Acrolein	U		0.00254	0.0500	1	04/26/2025 09:04	WG2500390
Acrylonitrile	U		0.000671	0.0100	1	04/26/2025 09:04	WG2500390
Benzene	U		0.0000941	0.00100	1	04/26/2025 09:04	WG2500390
Bromobenzene	U		0.000118	0.00100	1	04/26/2025 09:04	WG2500390
Bromodichloromethane	U		0.000136	0.00100	1	04/26/2025 09:04	WG2500390
Bromoform	U		0.000129	0.00100	1	04/26/2025 09:04	WG2500390
Bromomethane	U		0.000605	0.00500	1	04/26/2025 09:04	WG2500390
n-Butylbenzene	U	C3	0.000157	0.00100	1	04/26/2025 09:04	WG2500390
sec-Butylbenzene	U		0.000125	0.00100	1	04/26/2025 09:04	WG2500390
tert-Butylbenzene	U		0.000127	0.00100	1	04/26/2025 09:04	WG2500390
Carbon tetrachloride	U		0.000128	0.00100	1	04/26/2025 09:04	WG2500390
Chlorobenzene	0.000311	J	0.000116	0.00100	1	04/26/2025 09:04	WG2500390
Chlorodibromomethane	U		0.000140	0.00100	1	04/26/2025 09:04	WG2500390
Chloroethane	U		0.000192	0.00500	1	04/26/2025 09:04	WG2500390
Chloroform	U		0.000111	0.00500	1	04/26/2025 09:04	WG2500390
Chloromethane	U		0.000960	0.00250	1	04/26/2025 09:04	WG2500390
2-Chlorotoluene	U		0.000106	0.00100	1	04/26/2025 09:04	WG2500390
4-Chlorotoluene	U		0.000114	0.00100	1	04/26/2025 09:04	WG2500390
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	04/26/2025 09:04	WG2500390
1,2-Dibromoethane	U		0.000126	0.00100	1	04/26/2025 09:04	WG2500390
Dibromomethane	U		0.000122	0.00100	1	04/26/2025 09:04	WG2500390
1,2-Dichlorobenzene	U		0.000107	0.00100	1	04/26/2025 09:04	WG2500390
1,3-Dichlorobenzene	U		0.000110	0.00100	1	04/26/2025 09:04	WG2500390
1,4-Dichlorobenzene	U		0.000120	0.00100	1	04/26/2025 09:04	WG2500390
Dichlorodifluoromethane	U		0.000374	0.00500	1	04/26/2025 09:04	WG2500390
1,1-Dichloroethane	U		0.000100	0.00100	1	04/26/2025 09:04	WG2500390
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/26/2025 09:04	WG2500390
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 09:04	WG2500390
cis-1,2-Dichloroethene	0.00241		0.000126	0.00100	1	04/26/2025 09:04	WG2500390
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 09:04	WG2500390
1,2-Dichloropropane	0.000489	J	0.000149	0.00100	1	04/26/2025 09:04	WG2500390
1,1-Dichloropropene	U		0.000142	0.00100	1	04/26/2025 09:04	WG2500390
1,3-Dichloropropane	U		0.000110	0.00100	1	04/26/2025 09:04	WG2500390
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/26/2025 09:04	WG2500390
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/26/2025 09:04	WG2500390
2,2-Dichloropropane	U		0.000161	0.00100	1	04/26/2025 09:04	WG2500390
Di-isopropyl ether	U		0.000105	0.00100	1	04/26/2025 09:04	WG2500390
Ethylbenzene	U		0.000137	0.00100	1	04/26/2025 09:04	WG2500390
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	04/26/2025 09:04	WG2500390
Isopropylbenzene	U		0.000105	0.00100	1	04/26/2025 09:04	WG2500390
p-Isopropyltoluene	U		0.000120	0.00100	1	04/26/2025 09:04	WG2500390
2-Butanone (MEK)	U		0.00119	0.0100	1	04/26/2025 09:04	WG2500390
Methylene Chloride	U		0.000430	0.00500	1	04/26/2025 09:04	WG2500390
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/26/2025 09:04	WG2500390
Methyl tert-butyl ether	0.000371	J	0.000101	0.00100	1	04/26/2025 09:04	WG2500390
Naphthalene	U	C3	0.00100	0.00500	1	04/26/2025 09:04	WG2500390
n-Propylbenzene	U		0.0000993	0.00100	1	04/26/2025 09:04	WG2500390
Styrene	U		0.000118	0.00100	1	04/26/2025 09:04	WG2500390
1,1,1,2-Tetrachloroethane	0.000493	J	0.000147	0.00100	1	04/26/2025 09:04	WG2500390
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/26/2025 09:04	WG2500390
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	04/26/2025 09:04	WG2500390
Tetrachloroethene	6.45		0.150	0.500	500	05/01/2025 02:28	WG2503915
Toluene	U		0.000278	0.00100	1	04/26/2025 09:04	WG2500390
1,2,3-Trichlorobenzene	U	C3	0.000230	0.00100	1	04/26/2025 09:04	WG2500390
1,2,4-Trichlorobenzene	U	C3	0.000481	0.00100	1	04/26/2025 09:04	WG2500390

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/26/2025 09:04	WG2500390
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/26/2025 09:04	WG2500390
Trichloroethene	0.0151		0.000190	0.00100	1	04/26/2025 09:04	WG2500390
Trichlorofluoromethane	U		0.000160	0.00500	1	04/26/2025 09:04	WG2500390
1,2,3-Trichloropropane	U		0.000237	0.00250	1	04/26/2025 09:04	WG2500390
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/26/2025 09:04	WG2500390
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 09:04	WG2500390
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 09:04	WG2500390
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 09:04	WG2500390
Xylenes, Total	U		0.000174	0.00300	1	04/26/2025 09:04	WG2500390
(S) Toluene-d8	*93.1*			*80.0-120*		*04/26/2025 09:04*	WG2500390
(S) Toluene-d8	*114*			*80.0-120*		*05/01/2025 02:28*	WG2503915
(S) 4-Bromofluorobenzene	*85.2*			*77.0-126*		*04/26/2025 09:04*	WG2500390
(S) 4-Bromofluorobenzene	*83.4*			*77.0-126*		*05/01/2025 02:28*	WG2503915
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/26/2025 09:04*	WG2500390
(S) 1,2-Dichloroethane-d4	*97.0*			*70.0-130*		*05/01/2025 02:28*	WG2503915

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	455		2.74	5.00	5	04/25/2025 21:38	WG2497890

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	04/26/2025 09:25	WG2500390
Acrolein	U		0.00254	0.0500	1	04/26/2025 09:25	WG2500390
Acrylonitrile	U		0.000671	0.0100	1	04/26/2025 09:25	WG2500390
Benzene	0.000234	J	0.0000941	0.00100	1	04/26/2025 09:25	WG2500390
Bromobenzene	U		0.000118	0.00100	1	04/26/2025 09:25	WG2500390
Bromodichloromethane	U		0.000136	0.00100	1	04/26/2025 09:25	WG2500390
Bromoform	U		0.000129	0.00100	1	04/26/2025 09:25	WG2500390
Bromomethane	U		0.000605	0.00500	1	04/26/2025 09:25	WG2500390
n-Butylbenzene	U	C3	0.000157	0.00100	1	04/26/2025 09:25	WG2500390
sec-Butylbenzene	U		0.000125	0.00100	1	04/26/2025 09:25	WG2500390
tert-Butylbenzene	U		0.000127	0.00100	1	04/26/2025 09:25	WG2500390
Carbon tetrachloride	U		0.000128	0.00100	1	04/26/2025 09:25	WG2500390
Chlorobenzene	U		0.000116	0.00100	1	04/26/2025 09:25	WG2500390
Chlorodibromomethane	U		0.000140	0.00100	1	04/26/2025 09:25	WG2500390
Chloroethane	U		0.000192	0.00500	1	04/26/2025 09:25	WG2500390
Chloroform	0.000738	J	0.000111	0.00500	1	04/26/2025 09:25	WG2500390
Chloromethane	U		0.000960	0.00250	1	04/26/2025 09:25	WG2500390
2-Chlorotoluene	U		0.000106	0.00100	1	04/26/2025 09:25	WG2500390
4-Chlorotoluene	U		0.000114	0.00100	1	04/26/2025 09:25	WG2500390
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	04/26/2025 09:25	WG2500390
1,2-Dibromoethane	U		0.000126	0.00100	1	04/26/2025 09:25	WG2500390
Dibromomethane	U		0.000122	0.00100	1	04/26/2025 09:25	WG2500390
1,2-Dichlorobenzene	0.000927	J	0.000107	0.00100	1	04/26/2025 09:25	WG2500390
1,3-Dichlorobenzene	U		0.000110	0.00100	1	04/26/2025 09:25	WG2500390
1,4-Dichlorobenzene	0.000320	J	0.000120	0.00100	1	04/26/2025 09:25	WG2500390
Dichlorodifluoromethane	U		0.000374	0.00500	1	04/26/2025 09:25	WG2500390
1,1-Dichloroethane	U		0.000100	0.00100	1	04/26/2025 09:25	WG2500390
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/26/2025 09:25	WG2500390
1,1-Dichloroethene	0.00107		0.000188	0.00100	1	04/26/2025 09:25	WG2500390
cis-1,2-Dichloroethene	0.105		0.000126	0.00100	1	04/26/2025 09:25	WG2500390
trans-1,2-Dichloroethene	0.000646	J	0.000149	0.00100	1	04/26/2025 09:25	WG2500390
1,2-Dichloropropane	U		0.000149	0.00100	1	04/26/2025 09:25	WG2500390
1,1-Dichloropropene	U		0.000142	0.00100	1	04/26/2025 09:25	WG2500390
1,3-Dichloropropane	U		0.000110	0.00100	1	04/26/2025 09:25	WG2500390
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/26/2025 09:25	WG2500390
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/26/2025 09:25	WG2500390
2,2-Dichloropropane	U		0.000161	0.00100	1	04/26/2025 09:25	WG2500390
Di-isopropyl ether	U		0.000105	0.00100	1	04/26/2025 09:25	WG2500390
Ethylbenzene	U		0.000137	0.00100	1	04/26/2025 09:25	WG2500390
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	04/26/2025 09:25	WG2500390
Isopropylbenzene	U		0.000105	0.00100	1	04/26/2025 09:25	WG2500390
p-Isopropyltoluene	U		0.000120	0.00100	1	04/26/2025 09:25	WG2500390
2-Butanone (MEK)	U		0.00119	0.0100	1	04/26/2025 09:25	WG2500390
Methylene Chloride	U		0.000430	0.00500	1	04/26/2025 09:25	WG2500390
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/26/2025 09:25	WG2500390
Methyl tert-butyl ether	0.000828	J	0.000101	0.00100	1	04/26/2025 09:25	WG2500390
Naphthalene	U	C3	0.00100	0.00500	1	04/26/2025 09:25	WG2500390
n-Propylbenzene	U		0.0000993	0.00100	1	04/26/2025 09:25	WG2500390
Styrene	U		0.000118	0.00100	1	04/26/2025 09:25	WG2500390
1,1,1,2-Tetrachloroethane	0.000286	J	0.000147	0.00100	1	04/26/2025 09:25	WG2500390

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/26/2025 09:25	WG2500390
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	04/26/2025 09:25	WG2500390
Tetrachloroethene	8.05		0.150	0.500	500	05/01/2025 02:47	WG2503915
Toluene	U		0.000278	0.00100	1	04/26/2025 09:25	WG2500390
1,2,3-Trichlorobenzene	U	C3	0.000230	0.00100	1	04/26/2025 09:25	WG2500390
1,2,4-Trichlorobenzene	U	C3	0.000481	0.00100	1	04/26/2025 09:25	WG2500390
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/26/2025 09:25	WG2500390
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/26/2025 09:25	WG2500390
Trichloroethene	0.0593		0.000190	0.00100	1	04/26/2025 09:25	WG2500390
Trichlorofluoromethane	U		0.000160	0.00500	1	04/26/2025 09:25	WG2500390
1,2,3-Trichloropropane	U		0.000237	0.00250	1	04/26/2025 09:25	WG2500390
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/26/2025 09:25	WG2500390
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 09:25	WG2500390
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 09:25	WG2500390
Vinyl chloride	0.00138		0.000234	0.00100	1	04/26/2025 09:25	WG2500390
Xylenes, Total	U		0.000174	0.00300	1	04/26/2025 09:25	WG2500390
(S) Toluene-d8	*93.1*			*80.0-120*		*04/26/2025 09:25*	WG2500390
(S) Toluene-d8	*123*	J1		*80.0-120*		*05/01/2025 02:47*	WG2503915
(S) 4-Bromofluorobenzene	*88.2*			*77.0-126*		*04/26/2025 09:25*	WG2500390
(S) 4-Bromofluorobenzene	*90.7*			*77.0-126*		*05/01/2025 02:47*	WG2503915
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/26/2025 09:25*	WG2500390
(S) 1,2-Dichloroethane-d4	*96.7*			*70.0-130*		*05/01/2025 02:47*	WG2503915

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U	J4	0.0113	0.0500	1	04/26/2025 09:46	WG2500390
Acrolein	U		0.00254	0.0500	1	04/26/2025 09:46	WG2500390
Acrylonitrile	U		0.000671	0.0100	1	04/26/2025 09:46	WG2500390
Benzene	0.0000948	J	0.0000941	0.00100	1	04/26/2025 09:46	WG2500390
Bromobenzene	U		0.000118	0.00100	1	04/26/2025 09:46	WG2500390
Bromodichloromethane	U		0.000136	0.00100	1	04/26/2025 09:46	WG2500390
Bromoform	U		0.000129	0.00100	1	04/26/2025 09:46	WG2500390
Bromomethane	U		0.000605	0.00500	1	04/26/2025 09:46	WG2500390
n-Butylbenzene	U	C3	0.000157	0.00100	1	04/26/2025 09:46	WG2500390
sec-Butylbenzene	U		0.000125	0.00100	1	04/26/2025 09:46	WG2500390
tert-Butylbenzene	U		0.000127	0.00100	1	04/26/2025 09:46	WG2500390
Carbon tetrachloride	U		0.000128	0.00100	1	04/26/2025 09:46	WG2500390
Chlorobenzene	0.000396	J	0.000116	0.00100	1	04/26/2025 09:46	WG2500390
Chlorodibromomethane	U		0.000140	0.00100	1	04/26/2025 09:46	WG2500390
Chloroethane	U		0.000192	0.00500	1	04/26/2025 09:46	WG2500390
Chloroform	0.000225	J	0.000111	0.00500	1	04/26/2025 09:46	WG2500390
Chloromethane	U		0.000960	0.00250	1	04/26/2025 09:46	WG2500390
2-Chlorotoluene	U		0.000106	0.00100	1	04/26/2025 09:46	WG2500390
4-Chlorotoluene	U		0.000114	0.00100	1	04/26/2025 09:46	WG2500390
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	04/26/2025 09:46	WG2500390
1,2-Dibromoethane	U		0.000126	0.00100	1	04/26/2025 09:46	WG2500390
Dibromomethane	U		0.000122	0.00100	1	04/26/2025 09:46	WG2500390
1,2-Dichlorobenzene	U		0.000107	0.00100	1	04/26/2025 09:46	WG2500390
1,3-Dichlorobenzene	U		0.000110	0.00100	1	04/26/2025 09:46	WG2500390
1,4-Dichlorobenzene	U		0.000120	0.00100	1	04/26/2025 09:46	WG2500390
Dichlorodifluoromethane	U		0.000374	0.00500	1	04/26/2025 09:46	WG2500390
1,1-Dichloroethane	U		0.000100	0.00100	1	04/26/2025 09:46	WG2500390
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/26/2025 09:46	WG2500390
1,1-Dichloroethene	0.000247	J	0.000188	0.00100	1	04/26/2025 09:46	WG2500390
cis-1,2-Dichloroethene	0.0165		0.000126	0.00100	1	04/26/2025 09:46	WG2500390
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 09:46	WG2500390
1,2-Dichloropropane	0.000465	J	0.000149	0.00100	1	04/26/2025 09:46	WG2500390
1,1-Dichloropropene	U		0.000142	0.00100	1	04/26/2025 09:46	WG2500390
1,3-Dichloropropane	U		0.000110	0.00100	1	04/26/2025 09:46	WG2500390
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/26/2025 09:46	WG2500390
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/26/2025 09:46	WG2500390
2,2-Dichloropropane	U		0.000161	0.00100	1	04/26/2025 09:46	WG2500390
Di-isopropyl ether	U		0.000105	0.00100	1	04/26/2025 09:46	WG2500390
Ethylbenzene	U		0.000137	0.00100	1	04/26/2025 09:46	WG2500390
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	04/26/2025 09:46	WG2500390
Isopropylbenzene	U		0.000105	0.00100	1	04/26/2025 09:46	WG2500390
p-Isopropyltoluene	U		0.000120	0.00100	1	04/26/2025 09:46	WG2500390
2-Butanone (MEK)	U		0.00119	0.0100	1	04/26/2025 09:46	WG2500390
Methylene Chloride	U		0.000430	0.00500	1	04/26/2025 09:46	WG2500390
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/26/2025 09:46	WG2500390
Methyl tert-butyl ether	0.000303	J	0.000101	0.00100	1	04/26/2025 09:46	WG2500390
Naphthalene	U	C3	0.00100	0.00500	1	04/26/2025 09:46	WG2500390
n-Propylbenzene	U		0.0000993	0.00100	1	04/26/2025 09:46	WG2500390
Styrene	U		0.000118	0.00100	1	04/26/2025 09:46	WG2500390
1,1,1,2-Tetrachloroethane	0.000212	J	0.000147	0.00100	1	04/26/2025 09:46	WG2500390
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/26/2025 09:46	WG2500390
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	04/26/2025 09:46	WG2500390
Tetrachloroethene	8.72		0.150	0.500	500	05/01/2025 03:07	WG2503915
Toluene	U		0.000278	0.00100	1	04/26/2025 09:46	WG2500390
1,2,3-Trichlorobenzene	U	C3	0.000230	0.00100	1	04/26/2025 09:46	WG2500390
1,2,4-Trichlorobenzene	U	C3	0.000481	0.00100	1	04/26/2025 09:46	WG2500390

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/26/2025 09:46	WG2500390
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/26/2025 09:46	WG2500390
Trichloroethene	0.0234		0.000190	0.00100	1	04/26/2025 09:46	WG2500390
Trichlorofluoromethane	U		0.000160	0.00500	1	04/26/2025 09:46	WG2500390
1,2,3-Trichloropropane	U		0.000237	0.00250	1	04/26/2025 09:46	WG2500390
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/26/2025 09:46	WG2500390
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 09:46	WG2500390
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 09:46	WG2500390
Vinyl chloride	0.000416	J	0.000234	0.00100	1	04/26/2025 09:46	WG2500390
Xylenes, Total	U		0.000174	0.00300	1	04/26/2025 09:46	WG2500390
(S) Toluene-d8	*92.7*			*80.0-120*		*04/26/2025 09:46*	WG2500390
(S) Toluene-d8	*113*			*80.0-120*		*05/01/2025 03:07*	WG2503915
(S) 4-Bromofluorobenzene	*85.1*			*77.0-126*		*04/26/2025 09:46*	WG2500390
(S) 4-Bromofluorobenzene	*81.4*			*77.0-126*		*05/01/2025 03:07*	WG2503915
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/26/2025 09:46*	WG2500390
(S) 1,2-Dichloroethane-d4	*96.5*			*70.0-130*		*05/01/2025 03:07*	WG2503915

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U	J4	0.0113	0.0500	1	04/26/2025 10:06	WG2500390
Acrolein	U		0.00254	0.0500	1	04/26/2025 10:06	WG2500390
Acrylonitrile	U		0.000671	0.0100	1	04/26/2025 10:06	WG2500390
Benzene	U		0.0000941	0.00100	1	04/26/2025 10:06	WG2500390
Bromobenzene	U		0.000118	0.00100	1	04/26/2025 10:06	WG2500390
Bromodichloromethane	U		0.000136	0.00100	1	04/26/2025 10:06	WG2500390
Bromoform	U		0.000129	0.00100	1	04/26/2025 10:06	WG2500390
Bromomethane	U		0.000605	0.00500	1	04/26/2025 10:06	WG2500390
n-Butylbenzene	U	C3	0.000157	0.00100	1	04/26/2025 10:06	WG2500390
sec-Butylbenzene	U		0.000125	0.00100	1	04/26/2025 10:06	WG2500390
tert-Butylbenzene	U		0.000127	0.00100	1	04/26/2025 10:06	WG2500390
Carbon tetrachloride	U		0.000128	0.00100	1	04/26/2025 10:06	WG2500390
Chlorobenzene	U		0.000116	0.00100	1	04/26/2025 10:06	WG2500390
Chlorodibromomethane	U		0.000140	0.00100	1	04/26/2025 10:06	WG2500390
Chloroethane	U		0.000192	0.00500	1	04/26/2025 10:06	WG2500390
Chloroform	U		0.000111	0.00500	1	04/26/2025 10:06	WG2500390
Chloromethane	U		0.000960	0.00250	1	04/26/2025 10:06	WG2500390
2-Chlorotoluene	U		0.000106	0.00100	1	04/26/2025 10:06	WG2500390
4-Chlorotoluene	U		0.000114	0.00100	1	04/26/2025 10:06	WG2500390
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	04/26/2025 10:06	WG2500390
1,2-Dibromoethane	U		0.000126	0.00100	1	04/26/2025 10:06	WG2500390
Dibromomethane	U		0.000122	0.00100	1	04/26/2025 10:06	WG2500390
1,2-Dichlorobenzene	U		0.000107	0.00100	1	04/26/2025 10:06	WG2500390
1,3-Dichlorobenzene	U		0.000110	0.00100	1	04/26/2025 10:06	WG2500390
1,4-Dichlorobenzene	0.000193	J	0.000120	0.00100	1	04/26/2025 10:06	WG2500390
Dichlorodifluoromethane	U		0.000374	0.00500	1	04/26/2025 10:06	WG2500390
1,1-Dichloroethane	U		0.000100	0.00100	1	04/26/2025 10:06	WG2500390
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/26/2025 10:06	WG2500390
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 10:06	WG2500390
cis-1,2-Dichloroethene	0.00157		0.000126	0.00100	1	04/26/2025 10:06	WG2500390
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 10:06	WG2500390
1,2-Dichloropropane	0.000341	J	0.000149	0.00100	1	04/26/2025 10:06	WG2500390
1,1-Dichloropropene	U		0.000142	0.00100	1	04/26/2025 10:06	WG2500390
1,3-Dichloropropane	U		0.000110	0.00100	1	04/26/2025 10:06	WG2500390
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/26/2025 10:06	WG2500390
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/26/2025 10:06	WG2500390
2,2-Dichloropropane	U		0.000161	0.00100	1	04/26/2025 10:06	WG2500390
Di-isopropyl ether	U		0.000105	0.00100	1	04/26/2025 10:06	WG2500390
Ethylbenzene	U		0.000137	0.00100	1	04/26/2025 10:06	WG2500390
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	04/26/2025 10:06	WG2500390
Isopropylbenzene	U		0.000105	0.00100	1	04/26/2025 10:06	WG2500390
p-Isopropyltoluene	U		0.000120	0.00100	1	04/26/2025 10:06	WG2500390
2-Butanone (MEK)	U		0.00119	0.0100	1	04/26/2025 10:06	WG2500390
Methylene Chloride	U		0.000430	0.00500	1	04/26/2025 10:06	WG2500390
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/26/2025 10:06	WG2500390
Methyl tert-butyl ether	U		0.000101	0.00100	1	04/26/2025 10:06	WG2500390
Naphthalene	U	C3	0.00100	0.00500	1	04/26/2025 10:06	WG2500390
n-Propylbenzene	U		0.0000993	0.00100	1	04/26/2025 10:06	WG2500390
Styrene	U		0.000118	0.00100	1	04/26/2025 10:06	WG2500390
1,1,1,2-Tetrachloroethane	0.00144		0.000147	0.00100	1	04/26/2025 10:06	WG2500390
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/26/2025 10:06	WG2500390
1,1,2-Trichlorotrifluoroethane	0.000315	J	0.000180	0.00100	1	04/26/2025 10:06	WG2500390
Tetrachloroethene	8.15		0.150	0.500	500	05/01/2025 03:27	WG2503915
Toluene	U		0.000278	0.00100	1	04/26/2025 10:06	WG2500390
1,2,3-Trichlorobenzene	U	C3	0.000230	0.00100	1	04/26/2025 10:06	WG2500390
1,2,4-Trichlorobenzene	U	C3	0.000481	0.00100	1	04/26/2025 10:06	WG2500390

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/26/2025 10:06	WG2500390
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/26/2025 10:06	WG2500390
Trichloroethene	0.0342		0.000190	0.00100	1	04/26/2025 10:06	WG2500390
Trichlorofluoromethane	U		0.000160	0.00500	1	04/26/2025 10:06	WG2500390
1,2,3-Trichloropropane	U		0.000237	0.00250	1	04/26/2025 10:06	WG2500390
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/26/2025 10:06	WG2500390
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 10:06	WG2500390
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 10:06	WG2500390
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 10:06	WG2500390
Xylenes, Total	U		0.000174	0.00300	1	04/26/2025 10:06	WG2500390
(S) Toluene-d8	*93.7*			*80.0-120*		*04/26/2025 10:06*	WG2500390
(S) Toluene-d8	*115*			*80.0-120*		*05/01/2025 03:27*	WG2503915
(S) 4-Bromofluorobenzene	*86.6*			*77.0-126*		*04/26/2025 10:06*	WG2500390
(S) 4-Bromofluorobenzene	*85.5*			*77.0-126*		*05/01/2025 03:27*	WG2503915
(S) 1,2-Dichloroethane-d4	*108*			*70.0-130*		*04/26/2025 10:06*	WG2500390
(S) 1,2-Dichloroethane-d4	*95.3*			*70.0-130*		*05/01/2025 03:27*	WG2503915

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U	J4	0.565	2.50	50	04/26/2025 11:29	WG2500390
Acrolein	U		0.127	2.50	50	04/26/2025 11:29	WG2500390
Acrylonitrile	U		0.0336	0.500	50	04/26/2025 11:29	WG2500390
Benzene	U		0.00471	0.0500	50	04/26/2025 11:29	WG2500390
Bromobenzene	U		0.00590	0.0500	50	04/26/2025 11:29	WG2500390
Bromodichloromethane	U		0.00680	0.0500	50	04/26/2025 11:29	WG2500390
Bromoform	U		0.00645	0.0500	50	04/26/2025 11:29	WG2500390
Bromomethane	U		0.0303	0.250	50	04/26/2025 11:29	WG2500390
n-Butylbenzene	U	C3	0.00785	0.0500	50	04/26/2025 11:29	WG2500390
sec-Butylbenzene	U		0.00625	0.0500	50	04/26/2025 11:29	WG2500390
tert-Butylbenzene	U		0.00635	0.0500	50	04/26/2025 11:29	WG2500390
Carbon tetrachloride	U		0.00640	0.0500	50	04/26/2025 11:29	WG2500390
Chlorobenzene	U		0.00580	0.0500	50	04/26/2025 11:29	WG2500390
Chlorodibromomethane	U		0.00700	0.0500	50	04/26/2025 11:29	WG2500390
Chloroethane	U		0.00960	0.250	50	04/26/2025 11:29	WG2500390
Chloroform	U		0.00555	0.250	50	04/26/2025 11:29	WG2500390
Chloromethane	U		0.0480	0.125	50	04/26/2025 11:29	WG2500390
2-Chlorotoluene	U		0.00530	0.0500	50	04/26/2025 11:29	WG2500390
4-Chlorotoluene	U		0.00570	0.0500	50	04/26/2025 11:29	WG2500390
1,2-Dibromo-3-Chloropropane	U		0.0138	0.250	50	04/26/2025 11:29	WG2500390
1,2-Dibromoethane	U		0.00630	0.0500	50	04/26/2025 11:29	WG2500390
Dibromomethane	U		0.00610	0.0500	50	04/26/2025 11:29	WG2500390
1,2-Dichlorobenzene	U		0.00535	0.0500	50	04/26/2025 11:29	WG2500390
1,3-Dichlorobenzene	U		0.00550	0.0500	50	04/26/2025 11:29	WG2500390
1,4-Dichlorobenzene	U		0.00600	0.0500	50	04/26/2025 11:29	WG2500390
Dichlorodifluoromethane	U		0.0187	0.250	50	04/26/2025 11:29	WG2500390
1,1-Dichloroethane	U		0.00500	0.0500	50	04/26/2025 11:29	WG2500390
1,2-Dichloroethane	U		0.00409	0.0500	50	04/26/2025 11:29	WG2500390
1,1-Dichloroethene	U		0.00940	0.0500	50	04/26/2025 11:29	WG2500390
cis-1,2-Dichloroethene	U		0.630	5.00	5000	05/01/2025 03:46	WG2503915
trans-1,2-Dichloroethene	U		0.00745	0.0500	50	04/26/2025 11:29	WG2500390
1,2-Dichloropropane	U		0.00745	0.0500	50	04/26/2025 11:29	WG2500390
1,1-Dichloropropene	U		0.00710	0.0500	50	04/26/2025 11:29	WG2500390
1,3-Dichloropropane	U		0.00550	0.0500	50	04/26/2025 11:29	WG2500390
cis-1,3-Dichloropropene	U		0.00555	0.0500	50	04/26/2025 11:29	WG2500390
trans-1,3-Dichloropropene	U		0.00590	0.0500	50	04/26/2025 11:29	WG2500390
2,2-Dichloropropane	U		0.00805	0.0500	50	04/26/2025 11:29	WG2500390
Di-isopropyl ether	U		0.00525	0.0500	50	04/26/2025 11:29	WG2500390
Ethylbenzene	U		0.00685	0.0500	50	04/26/2025 11:29	WG2500390
Hexachloro-1,3-butadiene	U		0.0169	0.0500	50	04/26/2025 11:29	WG2500390
Isopropylbenzene	U		0.00525	0.0500	50	04/26/2025 11:29	WG2500390
p-Isopropyltoluene	U		0.00600	0.0500	50	04/26/2025 11:29	WG2500390
2-Butanone (MEK)	U		0.0595	0.500	50	04/26/2025 11:29	WG2500390
Methylene Chloride	U		0.0215	0.250	50	04/26/2025 11:29	WG2500390
4-Methyl-2-pentanone (MIBK)	U		0.0239	0.500	50	04/26/2025 11:29	WG2500390
Methyl tert-butyl ether	U		0.00505	0.0500	50	04/26/2025 11:29	WG2500390
Naphthalene	U	C3	0.0500	0.250	50	04/26/2025 11:29	WG2500390
n-Propylbenzene	U		0.00497	0.0500	50	04/26/2025 11:29	WG2500390
Styrene	U		0.00590	0.0500	50	04/26/2025 11:29	WG2500390
1,1,1,2-Tetrachloroethane	U		0.00735	0.0500	50	04/26/2025 11:29	WG2500390
1,1,2,2-Tetrachloroethane	U		0.00665	0.0500	50	04/26/2025 11:29	WG2500390
1,1,2-Trichlorotrifluoroethane	U		0.00900	0.0500	50	04/26/2025 11:29	WG2500390
Tetrachloroethene	90.9		1.50	5.00	5000	05/01/2025 03:46	WG2503915
Toluene	U		0.0139	0.0500	50	04/26/2025 11:29	WG2500390
1,2,3-Trichlorobenzene	U	C3	0.0115	0.0500	50	04/26/2025 11:29	WG2500390
1,2,4-Trichlorobenzene	U	C3	0.0241	0.0500	50	04/26/2025 11:29	WG2500390

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,1,1-Trichloroethane	U		0.00745	0.0500	50	04/26/2025 11:29	WG2500390
1,1,2-Trichloroethane	U		0.00790	0.0500	50	04/26/2025 11:29	WG2500390
Trichloroethene	0.0619		0.00950	0.0500	50	04/26/2025 11:29	WG2500390
Trichlorofluoromethane	U		0.00800	0.250	50	04/26/2025 11:29	WG2500390
1,2,3-Trichloropropane	U		0.0119	0.125	50	04/26/2025 11:29	WG2500390
1,2,4-Trimethylbenzene	U		0.0161	0.0500	50	04/26/2025 11:29	WG2500390
1,2,3-Trimethylbenzene	U		0.00520	0.0500	50	04/26/2025 11:29	WG2500390
1,3,5-Trimethylbenzene	U		0.00520	0.0500	50	04/26/2025 11:29	WG2500390
Vinyl chloride	U		0.0117	0.0500	50	04/26/2025 11:29	WG2500390
Xylenes, Total	U		0.00870	0.150	50	04/26/2025 11:29	WG2500390
(S) Toluene-d8	*97.4*			*80.0-120*		*04/26/2025 11:29*	WG2500390
(S) Toluene-d8	*116*			*80.0-120*		*05/01/2025 03:46*	WG2503915
(S) 4-Bromofluorobenzene	*87.5*			*77.0-126*		*04/26/2025 11:29*	WG2500390
(S) 4-Bromofluorobenzene	*77.4*			*77.0-126*		*05/01/2025 03:46*	WG2503915
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*04/26/2025 11:29*	WG2500390
(S) 1,2-Dichloroethane-d4	*92.7*			*70.0-130*		*05/01/2025 03:46*	WG2503915

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U	J4	0.0113	0.0500	1	04/26/2025 10:27	WG2500390
Acrolein	U		0.00254	0.0500	1	04/26/2025 10:27	WG2500390
Acrylonitrile	U		0.000671	0.0100	1	04/26/2025 10:27	WG2500390
Benzene	U		0.0000941	0.00100	1	04/26/2025 10:27	WG2500390
Bromobenzene	U		0.000118	0.00100	1	04/26/2025 10:27	WG2500390
Bromodichloromethane	U		0.000136	0.00100	1	04/26/2025 10:27	WG2500390
Bromoform	U		0.000129	0.00100	1	04/26/2025 10:27	WG2500390
Bromomethane	U		0.000605	0.00500	1	04/26/2025 10:27	WG2500390
n-Butylbenzene	U	C3	0.000157	0.00100	1	04/26/2025 10:27	WG2500390
sec-Butylbenzene	U		0.000125	0.00100	1	04/26/2025 10:27	WG2500390
tert-Butylbenzene	U		0.000127	0.00100	1	04/26/2025 10:27	WG2500390
Carbon tetrachloride	U		0.000128	0.00100	1	04/26/2025 10:27	WG2500390
Chlorobenzene	U		0.000116	0.00100	1	04/26/2025 10:27	WG2500390
Chlorodibromomethane	U		0.000140	0.00100	1	04/26/2025 10:27	WG2500390
Chloroethane	U		0.000192	0.00500	1	04/26/2025 10:27	WG2500390
Chloroform	0.000222	J	0.000111	0.00500	1	04/26/2025 10:27	WG2500390
Chloromethane	U		0.000960	0.00250	1	04/26/2025 10:27	WG2500390
2-Chlorotoluene	U		0.000106	0.00100	1	04/26/2025 10:27	WG2500390
4-Chlorotoluene	U		0.000114	0.00100	1	04/26/2025 10:27	WG2500390
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	04/26/2025 10:27	WG2500390
1,2-Dibromoethane	U		0.000126	0.00100	1	04/26/2025 10:27	WG2500390
Dibromomethane	U		0.000122	0.00100	1	04/26/2025 10:27	WG2500390
1,2-Dichlorobenzene	U		0.000107	0.00100	1	04/26/2025 10:27	WG2500390
1,3-Dichlorobenzene	U		0.000110	0.00100	1	04/26/2025 10:27	WG2500390
1,4-Dichlorobenzene	U		0.000120	0.00100	1	04/26/2025 10:27	WG2500390
Dichlorodifluoromethane	U		0.000374	0.00500	1	04/26/2025 10:27	WG2500390
1,1-Dichloroethane	U		0.000100	0.00100	1	04/26/2025 10:27	WG2500390
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/26/2025 10:27	WG2500390
1,1-Dichloroethene	U		0.000188	0.00100	1	04/26/2025 10:27	WG2500390
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/26/2025 10:27	WG2500390
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/26/2025 10:27	WG2500390
1,2-Dichloropropane	U		0.000149	0.00100	1	04/26/2025 10:27	WG2500390
1,1-Dichloropropene	U		0.000142	0.00100	1	04/26/2025 10:27	WG2500390
1,3-Dichloropropane	U		0.000110	0.00100	1	04/26/2025 10:27	WG2500390
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/26/2025 10:27	WG2500390
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/26/2025 10:27	WG2500390
2,2-Dichloropropane	U		0.000161	0.00100	1	04/26/2025 10:27	WG2500390
Di-isopropyl ether	U		0.000105	0.00100	1	04/26/2025 10:27	WG2500390
Ethylbenzene	U		0.000137	0.00100	1	04/26/2025 10:27	WG2500390
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	04/26/2025 10:27	WG2500390
Isopropylbenzene	U		0.000105	0.00100	1	04/26/2025 10:27	WG2500390
p-Isopropyltoluene	U		0.000120	0.00100	1	04/26/2025 10:27	WG2500390
2-Butanone (MEK)	U		0.00119	0.0100	1	04/26/2025 10:27	WG2500390
Methylene Chloride	U		0.000430	0.00500	1	04/26/2025 10:27	WG2500390
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/26/2025 10:27	WG2500390
Methyl tert-butyl ether	0.00158		0.000101	0.00100	1	04/26/2025 10:27	WG2500390
Naphthalene	U	C3	0.00100	0.00500	1	04/26/2025 10:27	WG2500390
n-Propylbenzene	U		0.0000993	0.00100	1	04/26/2025 10:27	WG2500390
Styrene	U		0.000118	0.00100	1	04/26/2025 10:27	WG2500390
1,1,1,2-Tetrachloroethane	0.000155	J	0.000147	0.00100	1	04/26/2025 10:27	WG2500390
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/26/2025 10:27	WG2500390
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	04/26/2025 10:27	WG2500390
Tetrachloroethene	0.624		0.00750	0.0250	25	05/01/2025 04:05	WG2503915
Toluene	U		0.000278	0.00100	1	04/26/2025 10:27	WG2500390
1,2,3-Trichlorobenzene	U	C3	0.000230	0.00100	1	04/26/2025 10:27	WG2500390
1,2,4-Trichlorobenzene	U	C3	0.000481	0.00100	1	04/26/2025 10:27	WG2500390

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/26/2025 10:27	WG2500390
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/26/2025 10:27	WG2500390
Trichloroethene	0.00203		0.000190	0.00100	1	04/26/2025 10:27	WG2500390
Trichlorofluoromethane	U		0.000160	0.00500	1	04/26/2025 10:27	WG2500390
1,2,3-Trichloropropane	U		0.000237	0.00250	1	04/26/2025 10:27	WG2500390
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/26/2025 10:27	WG2500390
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 10:27	WG2500390
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 10:27	WG2500390
Vinyl chloride	U		0.000234	0.00100	1	04/26/2025 10:27	WG2500390
Xylenes, Total	U		0.000174	0.00300	1	04/26/2025 10:27	WG2500390
(S) Toluene-d8	*95.8*			*80.0-120*		*04/26/2025 10:27*	WG2500390
(S) Toluene-d8	*113*			*80.0-120*		*05/01/2025 04:05*	WG2503915
(S) 4-Bromofluorobenzene	*87.8*			*77.0-126*		*04/26/2025 10:27*	WG2500390
(S) 4-Bromofluorobenzene	*80.4*			*77.0-126*		*05/01/2025 04:05*	WG2503915
(S) 1,2-Dichloroethane-d4	*104*			*70.0-130*		*04/26/2025 10:27*	WG2500390
(S) 1,2-Dichloroethane-d4	*94.1*			*70.0-130*		*05/01/2025 04:05*	WG2503915

Wet Chemistry by Method 9056A

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Chloride	415		2.74	5.00	5	04/25/2025 21:54	WG2497890

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	U	J4	0.0113	0.0500	1	04/26/2025 10:47	WG2500390
Acrolein	U		0.00254	0.0500	1	04/26/2025 10:47	WG2500390
Acrylonitrile	U		0.000671	0.0100	1	04/26/2025 10:47	WG2500390
Benzene	U		0.0000941	0.00100	1	04/26/2025 10:47	WG2500390
Bromobenzene	U		0.000118	0.00100	1	04/26/2025 10:47	WG2500390
Bromodichloromethane	U		0.000136	0.00100	1	04/26/2025 10:47	WG2500390
Bromoform	U		0.000129	0.00100	1	04/26/2025 10:47	WG2500390
Bromomethane	U		0.000605	0.00500	1	04/26/2025 10:47	WG2500390
n-Butylbenzene	U	C3	0.000157	0.00100	1	04/26/2025 10:47	WG2500390
sec-Butylbenzene	U		0.000125	0.00100	1	04/26/2025 10:47	WG2500390
tert-Butylbenzene	U		0.000127	0.00100	1	04/26/2025 10:47	WG2500390
Carbon tetrachloride	U		0.000128	0.00100	1	04/26/2025 10:47	WG2500390
Chlorobenzene	U		0.000116	0.00100	1	04/26/2025 10:47	WG2500390
Chlorodibromomethane	U		0.000140	0.00100	1	04/26/2025 10:47	WG2500390
Chloroethane	U		0.000192	0.00500	1	04/26/2025 10:47	WG2500390
Chloroform	0.00123	J	0.000111	0.00500	1	04/26/2025 10:47	WG2500390
Chloromethane	U		0.000960	0.00250	1	04/26/2025 10:47	WG2500390
2-Chlorotoluene	U		0.000106	0.00100	1	04/26/2025 10:47	WG2500390
4-Chlorotoluene	U		0.000114	0.00100	1	04/26/2025 10:47	WG2500390
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	04/26/2025 10:47	WG2500390
1,2-Dibromoethane	U		0.000126	0.00100	1	04/26/2025 10:47	WG2500390
Dibromomethane	U		0.000122	0.00100	1	04/26/2025 10:47	WG2500390
1,2-Dichlorobenzene	0.000713	J	0.000107	0.00100	1	04/26/2025 10:47	WG2500390
1,3-Dichlorobenzene	U		0.000110	0.00100	1	04/26/2025 10:47	WG2500390
1,4-Dichlorobenzene	0.000326	J	0.000120	0.00100	1	04/26/2025 10:47	WG2500390
Dichlorodifluoromethane	U		0.000374	0.00500	1	04/26/2025 10:47	WG2500390
1,1-Dichloroethane	U		0.000100	0.00100	1	04/26/2025 10:47	WG2500390
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/26/2025 10:47	WG2500390
1,1-Dichloroethene	0.000967	J	0.000188	0.00100	1	04/26/2025 10:47	WG2500390
cis-1,2-Dichloroethene	0.0879		0.000126	0.00100	1	04/26/2025 10:47	WG2500390
trans-1,2-Dichloroethene	0.000362	J	0.000149	0.00100	1	04/26/2025 10:47	WG2500390
1,2-Dichloropropane	0.000740	J	0.000149	0.00100	1	04/26/2025 10:47	WG2500390
1,1-Dichloropropene	U		0.000142	0.00100	1	04/26/2025 10:47	WG2500390
1,3-Dichloropropane	U		0.000110	0.00100	1	04/26/2025 10:47	WG2500390
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/26/2025 10:47	WG2500390
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/26/2025 10:47	WG2500390
2,2-Dichloropropane	U		0.000161	0.00100	1	04/26/2025 10:47	WG2500390
Di-isopropyl ether	U		0.000105	0.00100	1	04/26/2025 10:47	WG2500390
Ethylbenzene	U		0.000137	0.00100	1	04/26/2025 10:47	WG2500390
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	04/26/2025 10:47	WG2500390
Isopropylbenzene	U		0.000105	0.00100	1	04/26/2025 10:47	WG2500390
p-Isopropyltoluene	U		0.000120	0.00100	1	04/26/2025 10:47	WG2500390
2-Butanone (MEK)	U		0.00119	0.0100	1	04/26/2025 10:47	WG2500390
Methylene Chloride	U		0.000430	0.00500	1	04/26/2025 10:47	WG2500390
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/26/2025 10:47	WG2500390
Methyl tert-butyl ether	0.00137		0.000101	0.00100	1	04/26/2025 10:47	WG2500390
Naphthalene	U	C3	0.00100	0.00500	1	04/26/2025 10:47	WG2500390
n-Propylbenzene	U		0.0000993	0.00100	1	04/26/2025 10:47	WG2500390
Styrene	U		0.000118	0.00100	1	04/26/2025 10:47	WG2500390
1,1,1,2-Tetrachloroethane	0.000299	J	0.000147	0.00100	1	04/26/2025 10:47	WG2500390

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/26/2025 10:47	WG2500390
1,1,2-Trichlorotrifluoroethane	0.000269	J	0.000180	0.00100	1	04/26/2025 10:47	WG2500390
Tetrachloroethene	7.33		0.150	0.500	500	05/01/2025 04:25	WG2503915
Toluene	U		0.000278	0.00100	1	04/26/2025 10:47	WG2500390
1,2,3-Trichlorobenzene	U	C3	0.000230	0.00100	1	04/26/2025 10:47	WG2500390
1,2,4-Trichlorobenzene	U	C3	0.000481	0.00100	1	04/26/2025 10:47	WG2500390
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/26/2025 10:47	WG2500390
1,1,2-Trichloroethane	0.000349	J	0.000158	0.00100	1	04/26/2025 10:47	WG2500390
Trichloroethene	0.0520		0.000190	0.00100	1	04/26/2025 10:47	WG2500390
Trichlorofluoromethane	U		0.000160	0.00500	1	04/26/2025 10:47	WG2500390
1,2,3-Trichloropropane	U		0.000237	0.00250	1	04/26/2025 10:47	WG2500390
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/26/2025 10:47	WG2500390
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 10:47	WG2500390
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 10:47	WG2500390
Vinyl chloride	0.000827	J	0.000234	0.00100	1	04/26/2025 10:47	WG2500390
Xylenes, Total	U		0.000174	0.00300	1	04/26/2025 10:47	WG2500390
(S) Toluene-d8	*93.4*			*80.0-120*		*04/26/2025 10:47*	WG2500390
(S) Toluene-d8	*113*			*80.0-120*		*05/01/2025 04:25*	WG2503915
(S) 4-Bromofluorobenzene	*85.1*			*77.0-126*		*04/26/2025 10:47*	WG2500390
(S) 4-Bromofluorobenzene	*79.6*			*77.0-126*		*05/01/2025 04:25*	WG2503915
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*		*04/26/2025 10:47*	WG2500390
(S) 1,2-Dichloroethane-d4	*94.9*			*70.0-130*		*05/01/2025 04:25*	WG2503915

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U	J4	0.0113	0.0500	1	04/26/2025 11:08	WG2500390
Acrolein	U		0.00254	0.0500	1	04/26/2025 11:08	WG2500390
Acrylonitrile	U		0.000671	0.0100	1	04/26/2025 11:08	WG2500390
Benzene	0.000149	J	0.0000941	0.00100	1	04/26/2025 11:08	WG2500390
Bromobenzene	U		0.000118	0.00100	1	04/26/2025 11:08	WG2500390
Bromodichloromethane	U		0.000136	0.00100	1	04/26/2025 11:08	WG2500390
Bromoform	U		0.000129	0.00100	1	04/26/2025 11:08	WG2500390
Bromomethane	U		0.000605	0.00500	1	04/26/2025 11:08	WG2500390
n-Butylbenzene	U	C3	0.000157	0.00100	1	04/26/2025 11:08	WG2500390
sec-Butylbenzene	U		0.000125	0.00100	1	04/26/2025 11:08	WG2500390
tert-Butylbenzene	U		0.000127	0.00100	1	04/26/2025 11:08	WG2500390
Carbon tetrachloride	U		0.000128	0.00100	1	04/26/2025 11:08	WG2500390
Chlorobenzene	0.000153	J	0.000116	0.00100	1	04/26/2025 11:08	WG2500390
Chlorodibromomethane	U		0.000140	0.00100	1	04/26/2025 11:08	WG2500390
Chloroethane	U		0.000192	0.00500	1	04/26/2025 11:08	WG2500390
Chloroform	0.000324	J	0.000111	0.00500	1	04/26/2025 11:08	WG2500390
Chloromethane	U		0.000960	0.00250	1	04/26/2025 11:08	WG2500390
2-Chlorotoluene	U		0.000106	0.00100	1	04/26/2025 11:08	WG2500390
4-Chlorotoluene	U		0.000114	0.00100	1	04/26/2025 11:08	WG2500390
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	04/26/2025 11:08	WG2500390
1,2-Dibromoethane	U		0.000126	0.00100	1	04/26/2025 11:08	WG2500390
Dibromomethane	U		0.000122	0.00100	1	04/26/2025 11:08	WG2500390
1,2-Dichlorobenzene	U		0.000107	0.00100	1	04/26/2025 11:08	WG2500390
1,3-Dichlorobenzene	U		0.000110	0.00100	1	04/26/2025 11:08	WG2500390
1,4-Dichlorobenzene	U		0.000120	0.00100	1	04/26/2025 11:08	WG2500390
Dichlorodifluoromethane	U		0.000374	0.00500	1	04/26/2025 11:08	WG2500390
1,1-Dichloroethane	U		0.000100	0.00100	1	04/26/2025 11:08	WG2500390
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/26/2025 11:08	WG2500390
1,1-Dichloroethene	0.00141		0.000188	0.00100	1	04/26/2025 11:08	WG2500390
cis-1,2-Dichloroethene	0.276		0.0315	0.250	250	05/01/2025 04:44	WG2503915
trans-1,2-Dichloroethene	0.00174		0.000149	0.00100	1	04/26/2025 11:08	WG2500390
1,2-Dichloropropane	U		0.000149	0.00100	1	04/26/2025 11:08	WG2500390
1,1-Dichloropropene	U		0.000142	0.00100	1	04/26/2025 11:08	WG2500390
1,3-Dichloropropane	U		0.000110	0.00100	1	04/26/2025 11:08	WG2500390
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/26/2025 11:08	WG2500390
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/26/2025 11:08	WG2500390
2,2-Dichloropropane	U		0.000161	0.00100	1	04/26/2025 11:08	WG2500390
Di-isopropyl ether	U		0.000105	0.00100	1	04/26/2025 11:08	WG2500390
Ethylbenzene	U		0.000137	0.00100	1	04/26/2025 11:08	WG2500390
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	04/26/2025 11:08	WG2500390
Isopropylbenzene	U		0.000105	0.00100	1	04/26/2025 11:08	WG2500390
p-Isopropyltoluene	U		0.000120	0.00100	1	04/26/2025 11:08	WG2500390
2-Butanone (MEK)	U		0.00119	0.0100	1	04/26/2025 11:08	WG2500390
Methylene Chloride	U		0.000430	0.00500	1	04/26/2025 11:08	WG2500390
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/26/2025 11:08	WG2500390
Methyl tert-butyl ether	0.000132	J	0.000101	0.00100	1	04/26/2025 11:08	WG2500390
Naphthalene	U	C3	0.00100	0.00500	1	04/26/2025 11:08	WG2500390
n-Propylbenzene	U		0.0000993	0.00100	1	04/26/2025 11:08	WG2500390
Styrene	U		0.000118	0.00100	1	04/26/2025 11:08	WG2500390
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/26/2025 11:08	WG2500390
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/26/2025 11:08	WG2500390
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	04/26/2025 11:08	WG2500390
Tetrachloroethene	6.19		0.0750	0.250	250	05/01/2025 04:44	WG2503915
Toluene	U		0.000278	0.00100	1	04/26/2025 11:08	WG2500390
1,2,3-Trichlorobenzene	U	C3	0.000230	0.00100	1	04/26/2025 11:08	WG2500390
1,2,4-Trichlorobenzene	U	C3	0.000481	0.00100	1	04/26/2025 11:08	WG2500390

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/26/2025 11:08	WG2500390
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/26/2025 11:08	WG2500390
Trichloroethene	0.0638		0.000190	0.00100	1	04/26/2025 11:08	WG2500390
Trichlorofluoromethane	U		0.000160	0.00500	1	04/26/2025 11:08	WG2500390
1,2,3-Trichloropropane	U		0.000237	0.00250	1	04/26/2025 11:08	WG2500390
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/26/2025 11:08	WG2500390
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 11:08	WG2500390
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/26/2025 11:08	WG2500390
Vinyl chloride	0.00229		0.000234	0.00100	1	04/26/2025 11:08	WG2500390
Xylenes, Total	U		0.000174	0.00300	1	04/26/2025 11:08	WG2500390
(S) Toluene-d8	*95.5*			*80.0-120*		*04/26/2025 11:08*	WG2500390
(S) Toluene-d8	*118*			*80.0-120*		*05/01/2025 04:44*	WG2503915
(S) 4-Bromofluorobenzene	*86.8*			*77.0-126*		*04/26/2025 11:08*	WG2500390
(S) 4-Bromofluorobenzene	*80.0*			*77.0-126*		*05/01/2025 04:44*	WG2503915
(S) 1,2-Dichloroethane-d4	*107*			*70.0-130*		*04/26/2025 11:08*	WG2500390
(S) 1,2-Dichloroethane-d4	*96.7*			*70.0-130*		*05/01/2025 04:44*	WG2503915

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.113	0.500	10	04/27/2025 01:26	WG2500847
Acrolein	U	J4	0.0254	0.500	10	04/27/2025 01:26	WG2500847
Acrylonitrile	U		0.00671	0.100	10	04/27/2025 01:26	WG2500847
Benzene	0.00298	J	0.000941	0.0100	10	04/27/2025 01:26	WG2500847
Bromobenzene	U		0.00118	0.0100	10	04/27/2025 01:26	WG2500847
Bromodichloromethane	U		0.00136	0.0100	10	04/27/2025 01:26	WG2500847
Bromoform	U		0.00129	0.0100	10	04/27/2025 01:26	WG2500847
Bromomethane	U		0.00605	0.0500	10	04/27/2025 01:26	WG2500847
n-Butylbenzene	U		0.00157	0.0100	10	04/27/2025 01:26	WG2500847
sec-Butylbenzene	U		0.00125	0.0100	10	04/27/2025 01:26	WG2500847
tert-Butylbenzene	U		0.00127	0.0100	10	04/27/2025 01:26	WG2500847
Carbon tetrachloride	U		0.00128	0.0100	10	04/27/2025 01:26	WG2500847
Chlorobenzene	U		0.00116	0.0100	10	04/27/2025 01:26	WG2500847
Chlorodibromomethane	U		0.00140	0.0100	10	04/27/2025 01:26	WG2500847
Chloroethane	U		0.00192	0.0500	10	04/27/2025 01:26	WG2500847
Chloroform	0.00180	J	0.00111	0.0500	10	04/27/2025 01:26	WG2500847
Chloromethane	U		0.00960	0.0250	10	04/27/2025 01:26	WG2500847
2-Chlorotoluene	U		0.00106	0.0100	10	04/27/2025 01:26	WG2500847
4-Chlorotoluene	U		0.00114	0.0100	10	04/27/2025 01:26	WG2500847
1,2-Dibromo-3-Chloropropane	U		0.00276	0.0500	10	04/27/2025 01:26	WG2500847
1,2-Dibromoethane	U		0.00126	0.0100	10	04/27/2025 01:26	WG2500847
Dibromomethane	U		0.00122	0.0100	10	04/27/2025 01:26	WG2500847
1,2-Dichlorobenzene	0.0148		0.00107	0.0100	10	04/27/2025 01:26	WG2500847
1,3-Dichlorobenzene	U		0.00110	0.0100	10	04/27/2025 01:26	WG2500847
1,4-Dichlorobenzene	0.00548	J	0.00120	0.0100	10	04/27/2025 01:26	WG2500847
Dichlorodifluoromethane	U		0.00374	0.0500	10	04/27/2025 01:26	WG2500847
1,1-Dichloroethane	U		0.00100	0.0100	10	04/27/2025 01:26	WG2500847
1,2-Dichloroethane	U		0.000819	0.0100	10	04/27/2025 01:26	WG2500847
1,1-Dichloroethene	0.00306	J	0.00188	0.0100	10	04/27/2025 01:26	WG2500847
cis-1,2-Dichloroethene	0.854		0.00126	0.0100	10	04/27/2025 01:26	WG2500847
trans-1,2-Dichloroethene	0.00951	J	0.00149	0.0100	10	04/27/2025 01:26	WG2500847
1,2-Dichloropropane	U		0.00149	0.0100	10	04/27/2025 01:26	WG2500847
1,1-Dichloropropene	U		0.00142	0.0100	10	04/27/2025 01:26	WG2500847
1,3-Dichloropropane	U		0.00110	0.0100	10	04/27/2025 01:26	WG2500847
cis-1,3-Dichloropropene	U		0.00111	0.0100	10	04/27/2025 01:26	WG2500847
trans-1,3-Dichloropropene	U		0.00118	0.0100	10	04/27/2025 01:26	WG2500847
2,2-Dichloropropane	U		0.00161	0.0100	10	04/27/2025 01:26	WG2500847
Di-isopropyl ether	U		0.00105	0.0100	10	04/27/2025 01:26	WG2500847
Ethylbenzene	U		0.00137	0.0100	10	04/27/2025 01:26	WG2500847
Hexachloro-1,3-butadiene	U		0.00337	0.0100	10	04/27/2025 01:26	WG2500847
Isopropylbenzene	U		0.00105	0.0100	10	04/27/2025 01:26	WG2500847
p-Isopropyltoluene	U		0.00120	0.0100	10	04/27/2025 01:26	WG2500847
2-Butanone (MEK)	U		0.0119	0.100	10	04/27/2025 01:26	WG2500847
Methylene Chloride	U		0.00430	0.0500	10	04/27/2025 01:26	WG2500847
4-Methyl-2-pentanone (MIBK)	U		0.00478	0.100	10	04/27/2025 01:26	WG2500847
Methyl tert-butyl ether	U		0.00101	0.0100	10	04/27/2025 01:26	WG2500847
Naphthalene	U	C3	0.0100	0.0500	10	04/27/2025 01:26	WG2500847
n-Propylbenzene	U		0.000993	0.0100	10	04/27/2025 01:26	WG2500847
Styrene	U		0.00118	0.0100	10	04/27/2025 01:26	WG2500847
1,1,1,2-Tetrachloroethane	U		0.00147	0.0100	10	04/27/2025 01:26	WG2500847
1,1,2,2-Tetrachloroethane	U		0.00133	0.0100	10	04/27/2025 01:26	WG2500847
1,1,2-Trichlorotrifluoroethane	U		0.00180	0.0100	10	04/27/2025 01:26	WG2500847
Tetrachloroethene	53.3		0.600	2.00	2000	04/30/2025 14:40	WG2503486
Toluene	U		0.00278	0.0100	10	04/27/2025 01:26	WG2500847
1,2,3-Trichlorobenzene	U		0.00230	0.0100	10	04/27/2025 01:26	WG2500847
1,2,4-Trichlorobenzene	U		0.00481	0.0100	10	04/27/2025 01:26	WG2500847

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,1,1-Trichloroethane	U		0.00149	0.0100	10	04/27/2025 01:26	WG2500847
1,1,2-Trichloroethane	U		0.00158	0.0100	10	04/27/2025 01:26	WG2500847
Trichloroethene	0.462		0.00190	0.0100	10	04/27/2025 01:26	WG2500847
Trichlorofluoromethane	U		0.00160	0.0500	10	04/27/2025 01:26	WG2500847
1,2,3-Trichloropropane	U		0.00237	0.0250	10	04/27/2025 01:26	WG2500847
1,2,4-Trimethylbenzene	U		0.00322	0.0100	10	04/27/2025 01:26	WG2500847
1,2,3-Trimethylbenzene	U		0.00104	0.0100	10	04/27/2025 01:26	WG2500847
1,3,5-Trimethylbenzene	U		0.00104	0.0100	10	04/27/2025 01:26	WG2500847
Vinyl chloride	0.00326	J	0.00234	0.0100	10	04/27/2025 01:26	WG2500847
Xylenes, Total	U		0.00174	0.0300	10	04/27/2025 01:26	WG2500847
(S) Toluene-d8	*96.6*			*80.0-120*		*04/27/2025 01:26*	WG2500847
(S) Toluene-d8	*102*			*80.0-120*		*04/30/2025 14:40*	WG2503486
(S) 4-Bromofluorobenzene	*94.4*			*77.0-126*		*04/27/2025 01:26*	WG2500847
(S) 4-Bromofluorobenzene	*97.3*			*77.0-126*		*04/30/2025 14:40*	WG2503486
(S) 1,2-Dichloroethane-d4	*111*			*70.0-130*		*04/27/2025 01:26*	WG2500847
(S) 1,2-Dichloroethane-d4	*94.9*			*70.0-130*		*04/30/2025 14:40*	WG2503486

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Acetone	U		0.0113	0.0500	1	04/27/2025 00:43	WG2500847
Acrolein	U	J4	0.00254	0.0500	1	04/27/2025 00:43	WG2500847
Acrylonitrile	U		0.000671	0.0100	1	04/27/2025 00:43	WG2500847
Benzene	U		0.0000941	0.00100	1	04/27/2025 00:43	WG2500847
Bromobenzene	U		0.000118	0.00100	1	04/27/2025 00:43	WG2500847
Bromodichloromethane	U		0.000136	0.00100	1	04/27/2025 00:43	WG2500847
Bromoform	U		0.000129	0.00100	1	04/27/2025 00:43	WG2500847
Bromomethane	U		0.000605	0.00500	1	04/27/2025 00:43	WG2500847
n-Butylbenzene	U		0.000157	0.00100	1	04/27/2025 00:43	WG2500847
sec-Butylbenzene	U		0.000125	0.00100	1	04/27/2025 00:43	WG2500847
tert-Butylbenzene	U		0.000127	0.00100	1	04/27/2025 00:43	WG2500847
Carbon tetrachloride	U		0.000128	0.00100	1	04/27/2025 00:43	WG2500847
Chlorobenzene	U		0.000116	0.00100	1	04/27/2025 00:43	WG2500847
Chlorodibromomethane	U		0.000140	0.00100	1	04/27/2025 00:43	WG2500847
Chloroethane	U		0.000192	0.00500	1	04/27/2025 00:43	WG2500847
Chloroform	U		0.000111	0.00500	1	04/27/2025 00:43	WG2500847
Chloromethane	U		0.000960	0.00250	1	04/27/2025 00:43	WG2500847
2-Chlorotoluene	U		0.000106	0.00100	1	04/27/2025 00:43	WG2500847
4-Chlorotoluene	U		0.000114	0.00100	1	04/27/2025 00:43	WG2500847
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500	1	04/27/2025 00:43	WG2500847
1,2-Dibromoethane	U		0.000126	0.00100	1	04/27/2025 00:43	WG2500847
Dibromomethane	U		0.000122	0.00100	1	04/27/2025 00:43	WG2500847
1,2-Dichlorobenzene	U		0.000107	0.00100	1	04/27/2025 00:43	WG2500847
1,3-Dichlorobenzene	U		0.000110	0.00100	1	04/27/2025 00:43	WG2500847
1,4-Dichlorobenzene	U		0.000120	0.00100	1	04/27/2025 00:43	WG2500847
Dichlorodifluoromethane	U		0.000374	0.00500	1	04/27/2025 00:43	WG2500847
1,1-Dichloroethane	U		0.000100	0.00100	1	04/27/2025 00:43	WG2500847
1,2-Dichloroethane	U		0.0000819	0.00100	1	04/27/2025 00:43	WG2500847
1,1-Dichloroethene	U		0.000188	0.00100	1	04/27/2025 00:43	WG2500847
cis-1,2-Dichloroethene	U		0.000126	0.00100	1	04/27/2025 00:43	WG2500847
trans-1,2-Dichloroethene	U		0.000149	0.00100	1	04/27/2025 00:43	WG2500847
1,2-Dichloropropane	U		0.000149	0.00100	1	04/27/2025 00:43	WG2500847
1,1-Dichloropropene	U		0.000142	0.00100	1	04/27/2025 00:43	WG2500847
1,3-Dichloropropane	U		0.000110	0.00100	1	04/27/2025 00:43	WG2500847
cis-1,3-Dichloropropene	U		0.000111	0.00100	1	04/27/2025 00:43	WG2500847
trans-1,3-Dichloropropene	U		0.000118	0.00100	1	04/27/2025 00:43	WG2500847
2,2-Dichloropropane	U		0.000161	0.00100	1	04/27/2025 00:43	WG2500847
Di-isopropyl ether	U		0.000105	0.00100	1	04/27/2025 00:43	WG2500847
Ethylbenzene	U		0.000137	0.00100	1	04/27/2025 00:43	WG2500847
Hexachloro-1,3-butadiene	U		0.000337	0.00100	1	04/27/2025 00:43	WG2500847
Isopropylbenzene	U		0.000105	0.00100	1	04/27/2025 00:43	WG2500847
p-Isopropyltoluene	U		0.000120	0.00100	1	04/27/2025 00:43	WG2500847
2-Butanone (MEK)	U		0.00119	0.0100	1	04/27/2025 00:43	WG2500847
Methylene Chloride	U		0.000430	0.00500	1	04/27/2025 00:43	WG2500847
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100	1	04/27/2025 00:43	WG2500847
Methyl tert-butyl ether	0.000529	J	0.000101	0.00100	1	04/27/2025 00:43	WG2500847
Naphthalene	U	C3	0.00100	0.00500	1	04/27/2025 00:43	WG2500847
n-Propylbenzene	U		0.0000993	0.00100	1	04/27/2025 00:43	WG2500847
Styrene	U		0.000118	0.00100	1	04/27/2025 00:43	WG2500847
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100	1	04/27/2025 00:43	WG2500847
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100	1	04/27/2025 00:43	WG2500847
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100	1	04/27/2025 00:43	WG2500847
Tetrachloroethene	0.252		0.00150	0.00500	5	04/30/2025 06:15	WG2503008
Toluene	U		0.000278	0.00100	1	04/27/2025 00:43	WG2500847
1,2,3-Trichlorobenzene	U		0.000230	0.00100	1	04/27/2025 00:43	WG2500847
1,2,4-Trichlorobenzene	U		0.000481	0.00100	1	04/27/2025 00:43	WG2500847

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
1,1,1-Trichloroethane	U		0.000149	0.00100	1	04/27/2025 00:43	WG2500847
1,1,2-Trichloroethane	U		0.000158	0.00100	1	04/27/2025 00:43	WG2500847
Trichloroethene	0.000699	J	0.000190	0.00100	1	04/27/2025 00:43	WG2500847
Trichlorofluoromethane	U		0.000160	0.00500	1	04/27/2025 00:43	WG2500847
1,2,3-Trichloropropane	U		0.000237	0.00250	1	04/27/2025 00:43	WG2500847
1,2,4-Trimethylbenzene	U		0.000322	0.00100	1	04/27/2025 00:43	WG2500847
1,2,3-Trimethylbenzene	U		0.000104	0.00100	1	04/27/2025 00:43	WG2500847
1,3,5-Trimethylbenzene	U		0.000104	0.00100	1	04/27/2025 00:43	WG2500847
Vinyl chloride	U		0.000234	0.00100	1	04/27/2025 00:43	WG2500847
Xylenes, Total	U		0.000174	0.00300	1	04/27/2025 00:43	WG2500847
(S) Toluene-d8	*99.8*			*80.0-120*		*04/27/2025 00:43*	WG2500847
(S) Toluene-d8	*96.2*			*80.0-120*		*04/30/2025 06:15*	WG2503008
(S) 4-Bromofluorobenzene	*92.2*			*77.0-126*		*04/27/2025 00:43*	WG2500847
(S) 4-Bromofluorobenzene	*95.0*			*77.0-126*		*04/30/2025 06:15*	WG2503008
(S) 1,2-Dichloroethane-d4	*117*			*70.0-130*		*04/27/2025 00:43*	WG2500847
(S) 1,2-Dichloroethane-d4	*119*			*70.0-130*		*04/30/2025 06:15*	WG2503008

Method Blank (MB)

(MB) R4205516-1 04/25/25 19:15

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Chloride	U		0.547	1.00

L1850697-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1850697-01 04/25/25 20:17 • (DUP) R4205516-3 04/25/25 20:27

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	33.9	33.7	1	0.676		15

L1850968-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1850968-02 04/26/25 00:22 • (DUP) R4205516-6 04/26/25 00:38

Analyte	Original Result mg/l	DUP Result mg/l	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Chloride	20.6	20.4	1	0.999		15

Laboratory Control Sample (LCS)

(LCS) R4205516-2 04/25/25 19:26

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Chloride	40.0	38.8	97.1	80.0-120	

L1850697-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1850697-01 04/25/25 20:17 • (MS) R4205516-4 04/25/25 20:37 • (MSD) R4205516-5 04/25/25 20:48

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chloride	40.0	33.9	65.2	65.4	78.1	78.6	1	80.0-120	J6	J6	0.345	15

L1850968-02 Original Sample (OS) • Matrix Spike (MS)

(OS) L1850968-02 04/26/25 00:22 • (MS) R4205516-7 04/26/25 00:54

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MS Rec. %	Dilution	Rec. Limits %	MS Qualifier
Chloride	40.0	20.6	54.7	85.2	1	80.0-120	

Method Blank (MB)

(MB) R4207775-3 04/26/25 04:37

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Acrolein	U		0.00254	0.0500
Acrylonitrile	U		0.000671	0.0100
Benzene	U		0.0000941	0.00100
Bromobenzene	U		0.000118	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
tert-Butylbenzene	U		0.000127	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
2-Chlorotoluene	U		0.000106	0.00100
4-Chlorotoluene	U		0.000114	0.00100
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500
1,2-Dibromoethane	U		0.000126	0.00100
Dibromomethane	U		0.000122	0.00100
1,2-Dichlorobenzene	U		0.000107	0.00100
1,3-Dichlorobenzene	U		0.000110	0.00100
1,4-Dichlorobenzene	U		0.000120	0.00100
Dichlorodifluoromethane	U		0.000374	0.00500
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
1,1-Dichloropropene	U		0.000142	0.00100
1,3-Dichloropropane	U		0.000110	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
2,2-Dichloropropane	U		0.000161	0.00100
Di-isopropyl ether	U		0.000105	0.00100
Ethylbenzene	U		0.000137	0.00100
Hexachloro-1,3-butadiene	U		0.000337	0.00100

Method Blank (MB)

(MB) R4207775-3 04/26/25 04:37

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,2,3-Trichlorobenzene	U		0.000230	0.00100
1,2,4-Trichlorobenzene	U		0.000481	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
Trichlorofluoromethane	U		0.000160	0.00500
1,2,3-Trichloropropane	U		0.000237	0.00250
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,2,3-Trimethylbenzene	U		0.000104	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*98.4*			*80.0-120*
(S) 4-Bromofluorobenzene	*87.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4207775-1 04/26/25 03:35 • (LCSD) R4207775-2 04/26/25 03:56

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0442	0.0429	177	172	19.0-160	J J4	J J4	2.99	27
Acrolein	0.0250	0.0299	0.0286	120	114	10.0-160	J	J	4.44	26
Acrylonitrile	0.0250	0.0266	0.0269	106	108	55.0-149			1.12	20
Benzene	0.00500	0.00519	0.00505	104	101	70.0-123			2.73	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4207775-1 04/26/25 03:35 • (LCSD) R4207775-2 04/26/25 03:56

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromobenzene	0.00500	0.00498	0.00501	99.6	100	73.0-121			0.601	20
Bromodichloromethane	0.00500	0.00544	0.00558	109	112	75.0-120			2.54	20
Bromoform	0.00500	0.00524	0.00511	105	102	68.0-132			2.51	20
Bromomethane	0.00500	0.00517	0.00563	103	113	10.0-160			8.52	25
n-Butylbenzene	0.00500	0.00394	0.00379	78.8	75.8	73.0-125			3.88	20
sec-Butylbenzene	0.00500	0.00424	0.00409	84.8	81.8	75.0-125			3.60	20
tert-Butylbenzene	0.00500	0.00411	0.00396	82.2	79.2	76.0-124			3.72	20
Carbon tetrachloride	0.00500	0.00471	0.00494	94.2	98.8	68.0-126			4.77	20
Chlorobenzene	0.00500	0.00518	0.00510	104	102	80.0-121			1.56	20
Chlorodibromomethane	0.00500	0.00482	0.00469	96.4	93.8	77.0-125			2.73	20
Chloroethane	0.00500	0.00576	0.00555	115	111	47.0-150			3.71	20
Chloroform	0.00500	0.00551	0.00547	110	109	73.0-120			0.729	20
Chloromethane	0.00500	0.00526	0.00514	105	103	41.0-142			2.31	20
2-Chlorotoluene	0.00500	0.00467	0.00453	93.4	90.6	76.0-123			3.04	20
4-Chlorotoluene	0.00500	0.00452	0.00461	90.4	92.2	75.0-122			1.97	20
1,2-Dibromo-3-Chloropropane	0.00500	0.00443	0.00448	88.6	89.6	58.0-134	J	J	1.12	20
1,2-Dibromoethane	0.00500	0.00516	0.00502	103	100	80.0-122			2.75	20
Dibromomethane	0.00500	0.00544	0.00550	109	110	80.0-120			1.10	20
1,2-Dichlorobenzene	0.00500	0.00474	0.00483	94.8	96.6	79.0-121			1.88	20
1,3-Dichlorobenzene	0.00500	0.00480	0.00471	96.0	94.2	79.0-120			1.89	20
1,4-Dichlorobenzene	0.00500	0.00515	0.00512	103	102	79.0-120			0.584	20
Dichlorodifluoromethane	0.00500	0.00456	0.00471	91.2	94.2	51.0-149	J	J	3.24	20
1,1-Dichloroethane	0.00500	0.00498	0.00486	99.6	97.2	70.0-126			2.44	20
1,2-Dichloroethane	0.00500	0.00551	0.00550	110	110	70.0-128			0.182	20
1,1-Dichloroethene	0.00500	0.00470	0.00471	94.0	94.2	71.0-124			0.213	20
cis-1,2-Dichloroethene	0.00500	0.00513	0.00506	103	101	73.0-120			1.37	20
trans-1,2-Dichloroethene	0.00500	0.00524	0.00517	105	103	73.0-120			1.34	20
1,2-Dichloropropane	0.00500	0.00468	0.00469	93.6	93.8	77.0-125			0.213	20
1,1-Dichloropropene	0.00500	0.00438	0.00421	87.6	84.2	74.0-126			3.96	20
1,3-Dichloropropane	0.00500	0.00509	0.00517	102	103	80.0-120			1.56	20
cis-1,3-Dichloropropene	0.00500	0.00438	0.00458	87.6	91.6	80.0-123			4.46	20
trans-1,3-Dichloropropene	0.00500	0.00462	0.00468	92.4	93.6	78.0-124			1.29	20
2,2-Dichloropropane	0.00500	0.00468	0.00446	93.6	89.2	58.0-130			4.81	20
Di-isopropyl ether	0.00500	0.00592	0.00582	118	116	58.0-138			1.70	20
Ethylbenzene	0.00500	0.00471	0.00461	94.2	92.2	79.0-123			2.15	20
Hexachloro-1,3-butadiene	0.00500	0.00403	0.00389	80.6	77.8	54.0-138			3.54	20
Isopropylbenzene	0.00500	0.00490	0.00469	98.0	93.8	76.0-127			4.38	20
p-Isopropyltoluene	0.00500	0.00417	0.00409	83.4	81.8	76.0-125			1.94	20
2-Butanone (MEK)	0.0250	0.0361	0.0341	144	136	44.0-160			5.70	20
Methylene Chloride	0.00500	0.00517	0.00513	103	103	67.0-120			0.777	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4207775-1 04/26/25 03:35 • (LCSD) R4207775-2 04/26/25 03:56

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
4-Methyl-2-pentanone (MIBK)	0.0250	0.0327	0.0325	131	130	68.0-142			0.613	20
Methyl tert-butyl ether	0.00500	0.00572	0.00579	114	116	68.0-125			1.22	20
Naphthalene	0.00500	0.00281	0.00278	56.2	55.6	54.0-135	J	J	1.07	20
n-Propylbenzene	0.00500	0.00448	0.00425	89.6	85.0	77.0-124			5.27	20
Styrene	0.00500	0.00411	0.00397	82.2	79.4	73.0-130			3.47	20
1,1,1,2-Tetrachloroethane	0.00500	0.00525	0.00543	105	109	75.0-125			3.37	20
1,1,2,2-Tetrachloroethane	0.00500	0.00555	0.00567	111	113	65.0-130			2.14	20
1,1,2-Trichlorotrifluoroethane	0.00500	0.00450	0.00436	90.0	87.2	69.0-132			3.16	20
Tetrachloroethene	0.00500	0.00502	0.00458	100	91.6	72.0-132			9.17	20
Toluene	0.00500	0.00500	0.00494	100	98.8	79.0-120			1.21	20
1,2,3-Trichlorobenzene	0.00500	0.00299	0.00315	59.8	63.0	50.0-138			5.21	20
1,2,4-Trichlorobenzene	0.00500	0.00338	0.00349	67.6	69.8	57.0-137			3.20	20
1,1,1-Trichloroethane	0.00500	0.00490	0.00514	98.0	103	73.0-124			4.78	20
1,1,2-Trichloroethane	0.00500	0.00536	0.00545	107	109	80.0-120			1.67	20
Trichloroethene	0.00500	0.00523	0.00508	105	102	78.0-124			2.91	20
Trichlorofluoromethane	0.00500	0.00467	0.00473	93.4	94.6	59.0-147	J	J	1.28	20
1,2,3-Trichloropropane	0.00500	0.00544	0.00526	109	105	73.0-130			3.36	20
1,2,4-Trimethylbenzene	0.00500	0.00451	0.00440	90.2	88.0	76.0-121			2.47	20
1,2,3-Trimethylbenzene	0.00500	0.00463	0.00455	92.6	91.0	77.0-120			1.74	20
1,3,5-Trimethylbenzene	0.00500	0.00455	0.00460	91.0	92.0	76.0-122			1.09	20
Vinyl chloride	0.00500	0.00409	0.00423	81.8	84.6	67.0-131			3.37	20
Xylenes, Total	0.0150	0.0141	0.0138	94.0	92.0	79.0-123			2.15	20
(S) Toluene-d8				*97.4*	*94.8*	*80.0-120*				
(S) 4-Bromofluorobenzene				*91.0*	*89.9*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*107*	*107*	*70.0-130*				

Method Blank (MB)

(MB) R4207211-3 04/26/25 18:20

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Acrolein	U		0.00254	0.0500
Acrylonitrile	U		0.000671	0.0100
Benzene	U		0.0000941	0.00100
Bromobenzene	U		0.000118	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
tert-Butylbenzene	U		0.000127	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
2-Chlorotoluene	U		0.000106	0.00100
4-Chlorotoluene	U		0.000114	0.00100
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500
1,2-Dibromoethane	U		0.000126	0.00100
Dibromomethane	U		0.000122	0.00100
1,2-Dichlorobenzene	U		0.000107	0.00100
1,3-Dichlorobenzene	U		0.000110	0.00100
1,4-Dichlorobenzene	U		0.000120	0.00100
Dichlorodifluoromethane	U		0.000374	0.00500
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
1,1-Dichloropropene	U		0.000142	0.00100
1,3-Dichloropropane	U		0.000110	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
2,2-Dichloropropane	U		0.000161	0.00100
Di-isopropyl ether	U		0.000105	0.00100
Ethylbenzene	U		0.000137	0.00100
Hexachloro-1,3-butadiene	U		0.000337	0.00100

Method Blank (MB)

(MB) R4207211-3 04/26/25 18:20

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100
Toluene	U		0.000278	0.00100
1,2,3-Trichlorobenzene	U		0.000230	0.00100
1,2,4-Trichlorobenzene	U		0.000481	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
Trichlorofluoromethane	U		0.000160	0.00500
1,2,3-Trichloropropane	U		0.000237	0.00250
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,2,3-Trimethylbenzene	U		0.000104	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*103*			*80.0-120*
(S) 4-Bromofluorobenzene	*97.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4207211-1 04/26/25 16:12

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.0250	0.0388	155	19.0-160	J
Acrolein	0.0250	0.164	656	10.0-160	J4
Acrylonitrile	0.0250	0.0224	89.6	55.0-149	
Benzene	0.00500	0.00539	108	70.0-123	
Bromobenzene	0.00500	0.00470	94.0	73.0-121	

Laboratory Control Sample (LCS)

(LCS) R4207211-1 04/26/25 16:12

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromodichloromethane	0.00500	0.00566	113	75.0-120	
Bromoform	0.00500	0.00439	87.8	68.0-132	
Bromomethane	0.00500	0.00591	118	10.0-160	
n-Butylbenzene	0.00500	0.00429	85.8	73.0-125	
sec-Butylbenzene	0.00500	0.00477	95.4	75.0-125	
tert-Butylbenzene	0.00500	0.00465	93.0	76.0-124	
Carbon tetrachloride	0.00500	0.00590	118	68.0-126	
Chlorobenzene	0.00500	0.00470	94.0	80.0-121	
Chlorodibromomethane	0.00500	0.00467	93.4	77.0-125	
Chloroethane	0.00500	0.00614	123	47.0-150	
Chloroform	0.00500	0.00561	112	73.0-120	
Chloromethane	0.00500	0.00459	91.8	41.0-142	
2-Chlorotoluene	0.00500	0.00501	100	76.0-123	
4-Chlorotoluene	0.00500	0.00476	95.2	75.0-122	
1,2-Dibromo-3-Chloropropane	0.00500	0.00400	80.0	58.0-134	J
1,2-Dibromoethane	0.00500	0.00462	92.4	80.0-122	
Dibromomethane	0.00500	0.00564	113	80.0-120	
1,2-Dichlorobenzene	0.00500	0.00479	95.8	79.0-121	
1,3-Dichlorobenzene	0.00500	0.00463	92.6	79.0-120	
1,4-Dichlorobenzene	0.00500	0.00484	96.8	79.0-120	
Dichlorodifluoromethane	0.00500	0.00738	148	51.0-149	
1,1-Dichloroethane	0.00500	0.00560	112	70.0-126	
1,2-Dichloroethane	0.00500	0.00594	119	70.0-128	
1,1-Dichloroethene	0.00500	0.00556	111	71.0-124	
cis-1,2-Dichloroethene	0.00500	0.00543	109	73.0-120	
trans-1,2-Dichloroethene	0.00500	0.00528	106	73.0-120	
1,2-Dichloropropane	0.00500	0.00523	105	77.0-125	
1,1-Dichloropropene	0.00500	0.00551	110	74.0-126	
1,3-Dichloropropane	0.00500	0.00463	92.6	80.0-120	
cis-1,3-Dichloropropene	0.00500	0.00539	108	80.0-123	
trans-1,3-Dichloropropene	0.00500	0.00476	95.2	78.0-124	
2,2-Dichloropropane	0.00500	0.00636	127	58.0-130	
Di-isopropyl ether	0.00500	0.00548	110	58.0-138	
Ethylbenzene	0.00500	0.00431	86.2	79.0-123	
Hexachloro-1,3-butadiene	0.00500	0.00522	104	54.0-138	
Isopropylbenzene	0.00500	0.00458	91.6	76.0-127	
p-Isopropyltoluene	0.00500	0.00503	101	76.0-125	
2-Butanone (MEK)	0.0250	0.0238	95.2	44.0-160	
Methylene Chloride	0.00500	0.00518	104	67.0-120	
4-Methyl-2-pentanone (MIBK)	0.0250	0.0232	92.8	68.0-142	

Laboratory Control Sample (LCS)

(LCS) R4207211-1 04/26/25 16:12

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Methyl tert-butyl ether	0.00500	0.00585	117	68.0-125	
Naphthalene	0.00500	0.00371	74.2	54.0-135	J
n-Propylbenzene	0.00500	0.00473	94.6	77.0-124	
Styrene	0.00500	0.00422	84.4	73.0-130	
1,1,1,2-Tetrachloroethane	0.00500	0.00491	98.2	75.0-125	
1,1,2,2-Tetrachloroethane	0.00500	0.00500	100	65.0-130	
1,1,2-Trichlorotrifluoroethane	0.00500	0.00603	121	69.0-132	
Toluene	0.00500	0.00475	95.0	79.0-120	
1,2,3-Trichlorobenzene	0.00500	0.00491	98.2	50.0-138	
1,2,4-Trichlorobenzene	0.00500	0.00402	80.4	57.0-137	
1,1,1-Trichloroethane	0.00500	0.00576	115	73.0-124	
1,1,2-Trichloroethane	0.00500	0.00456	91.2	80.0-120	
Trichloroethene	0.00500	0.00506	101	78.0-124	
Trichlorofluoromethane	0.00500	0.00708	142	59.0-147	
1,2,3-Trichloropropane	0.00500	0.00512	102	73.0-130	
1,2,4-Trimethylbenzene	0.00500	0.00469	93.8	76.0-121	
1,2,3-Trimethylbenzene	0.00500	0.00493	98.6	77.0-120	
1,3,5-Trimethylbenzene	0.00500	0.00502	100	76.0-122	
Vinyl chloride	0.00500	0.00584	117	67.0-131	
Xylenes, Total	0.0150	0.0131	87.3	79.0-123	
(S) Toluene-d8			*95.4*	*80.0-120*	
(S) 4-Bromofluorobenzene			*95.8*	*77.0-126*	
(S) 1,2-Dichloroethane-d4			*114*	*70.0-130*	

Method Blank (MB)

(MB) R4207520-3 04/29/25 22:59

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Tetrachloroethene	U		0.000300	0.00100
(S) Toluene-d8	*96.2*			*80.0-120*
(S) 4-Bromofluorobenzene	*96.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*120*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4207520-1 04/29/25 21:38 • (LCSD) R4207520-2 04/29/25 21:58

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Tetrachloroethene	0.00500	0.00515	0.00513	103	103	72.0-132			0.389	20
(S) Toluene-d8				*97.1*	*95.3*	*80.0-120*				
(S) 4-Bromofluorobenzene				*97.5*	*96.6*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*118*	*121*	*70.0-130*				

Method Blank (MB)

(MB) R4207782-3 04/30/25 06:18

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Tetrachloroethene	U		0.000300	0.00100
(S) Toluene-d8	*105*			*80.0-120*
(S) 4-Bromofluorobenzene	*99.7*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*97.9*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4207782-1 04/30/25 05:07 • (LCSD) R4207782-2 04/30/25 05:30

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Tetrachloroethene	0.00500	0.00560	0.00585	112	117	72.0-132			4.37	20
(S) Toluene-d8				*104*	*103*	*80.0-120*				
(S) 4-Bromofluorobenzene				*104*	*103*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*92.8*	*94.8*	*70.0-130*				

Method Blank (MB)

(MB) R4208152-3 04/30/25 21:03

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
cis-1,2-Dichloroethene	U		0.000126	0.00100
Tetrachloroethene	U		0.000300	0.00100
(S) Toluene-d8	*119*			*80.0-120*
(S) 4-Bromofluorobenzene	*92.2*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*96.0*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4208152-1 04/30/25 20:04 • (LCSD) R4208152-2 04/30/25 20:24

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
cis-1,2-Dichloroethene	0.00500	0.00417	0.00415	83.4	83.0	73.0-120			0.481	20
Tetrachloroethene	0.00500	0.00466	0.00471	93.2	94.2	72.0-132			1.07	20
(S) Toluene-d8				*115*	*115*	*80.0-120*				
(S) 4-Bromofluorobenzene				*86.8*	*84.7*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*95.1*	*94.1*	*70.0-130*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Chain of Custody Page 1 of 3

Pace
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12065 Lebanon Rd Mount Juliet, TN 37122
Phone: 615-758-5858 Alt: 800-767-5859

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J115

Company Name/Address:	ERo Resources
Billing Information:	
Report to:	Jack Denman
Email To:	jdenman@eroresources.com
Project Description:	TSC
City/State Collected:	
Please Circle:	PT MT CT ET
Phone:	(303) 830-1188
Client Project #	24-260
Lab Project #	
Collected by (print):	Craig Sorka
Site/Facility ID #	
P.O. #	
Collected by (signature):	Craig Sorka
Immediately Packed on Ice N ___ Y X	
Rush? (Lab MUST Be Notified)	___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day
Quote #	
Date Results Needed	
Acctnum:	L1856857
Template:	
Prelogin:	
PM:	
PB:	
Shipped Via:	

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOCs	chloride	Pres Chk	Remarks	Sample # (lab only)
MW-30	G		GW	4/22/25	0935	3	X				-01
MW-39					0939						02
MW-39 Dup					0939						03
MW-25					1002						04
MW-37					1035						05
MW-02					1101						06
MW-15					1123	4		X			07
MW-06					1156	3					08
MW-06 Dup					1156						09
MW-23D 31-33.5					1207						10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist

COC Seal Present/Intact:	NP	Y
COC Signed/Accurate:		Y
Bottles arrive intact:		Y
Correct bottles used:		Y
Sufficient volume sent:		Y
If Applicable		
VOA Zero Headspace:		Y
Preservation Correct/Checked:		Y
RAD Screen <0.5 mR/hr:		Y

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
Craig Sorka	4/22/25	1555	Sage Courier		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	If preservation required by Login: Date/Time
Sage Courier	4/22/25	1820	FEDEX	(3+0.4=1) 69	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / OK
				4/23/25 900	

Company Name/Address: ERO Resources

Billing Information:

Report to:

Email To:

Project Description: TSC

City/State Collected:

Please Circle: PT MT CT ET

Phone:

Client Project # 24-260

Lab Project #

Collected by (print): Craig Sovka

Site/Facility ID #

P.O. #

Collected by (signature): Craig Sovka

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 2 of 3

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SDG # L1850857

Table #

Acctnum:

Template:

Prelogin:

PM:

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOCs	Chloride	Remarks	Sample # (lab only)
MW-22D 41-46	G	GW		4/22/25	1213	3	X			11
MW-22D 41-46 Dup					1213					12
MW-22D 30-35					1219					13
MW-13					1221	4		X		14
MW-22D 35-40					1223	3				15
MW-22D 48-53					1227					16
MW-22D 55-60					1230					17
8946-2					1244					18
MW-14					1253	4		X		19
MW-09					1311	3				20

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y
COC Signed/Accurate: Y
Bottles arrive intact: Y
Correct bottles used: Y
Sufficient volume sent: Y
If Applicable
VOA Zero Headspace: Y
Preservation Correct/Checked: Y
RAD Screen <0.5 mR/hr: Y

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Craig Sovka	4/22/25	1555	Dale Corame
Dale Corame	4/22/25	1800	FEDEX

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: 1.3 °C Bottles Received: 0.4 1.7 6 9

If preservation required by Login: Date/Time

Received for lab by: (Signature)

Date: 4/23/25 Time: 900

Hold:

Condition: NCF / OK

Chain of Custody Page 3 of 3

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Phone 615-758-5858 Alt: 800-767-5859

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Company Name/Address: ERO Resources	Billing Information:	Pres Chk	Analysis / Container / Preservative
Report to:	Email To:		
Project Description:	City/State Collected:	Please Circle: PT MT CT ET	
Phone:	Client Project # 24-260	Lab Project #	
Collected by (print): Craig Sorka	Site/Facility ID #	P.O. #	
Collected by (signature): Craig Sorka Immediately Packed on Ice N ___ Y X	***Rush?*** (Lab MUST Be Notified) ___ Same Day ___ Five Day ___ Next Day ___ 5 Day (Rad Only) ___ Two Day ___ 10 Day (Rad Only) ___ Three Day	**Quote #** Date Results Needed	

SDG # L1450857
Table #
Acctnum:
Template:
Prelogin:
PM:
PB:
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOCs	Remarks	Sample # (lab only)
MW-11	G	GW		4/22/25	1322	3	X		-21
8946-6					1323	3	X		22

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD Screen <0.5 mR/hr: Y N

	Date:	Time:		
Relinquished by : (Signature) Craig Sorka	4/22/25	1555	Received by: (Signature) Sage Corning	Trip Blank Received: Yes / No HCL / MeoH TBR
Relinquished by : (Signature) Sage Corning	4/22/25	1800	Received by: (Signature) FedEx	Temp: 1.3+0.4=1.7 °C Bottles Received:
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) DB	Date: 4/23/25 Time: 900

If preservation required by Login: Date/Time

Hold: Condition: NCF / OK

Appendix E Correspondence

From: Flamenco - CDPHE, Evelin
To: Jack Denman
Cc: Fraser - CDLE, Julia; Chad Howell; Mruz - CDPHE, Richard
Subject: Re: TSC - Deep borings and MW-37 Location Proposal
Date: Thursday, January 23, 2025 11:16:01 AM
Attachments: image002.png
image003.png

CAUTION This email originated from outside our organization. Do not click links or open attachments unless you recognize the sender and verify the email address matches their name.

Jack,

The Division approves the deep boring locations and the new relocation for MW-37.

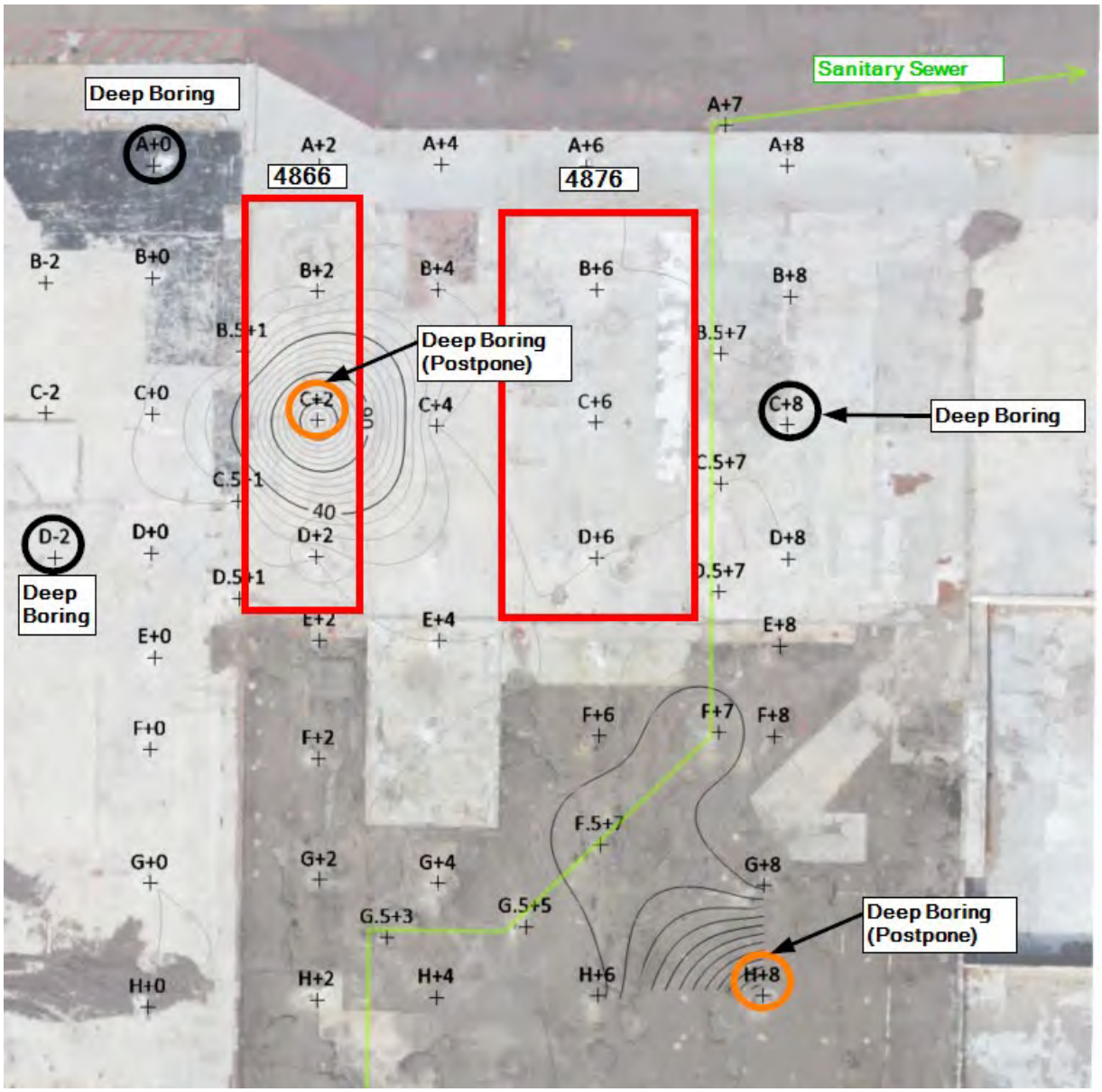
Thank you,

Evelin Flamenco
Environmental Protection Specialist
Hazardous Waste Corrective Action Unit
Phone: 303-692-3283
4300 Cherry Creek Drive South, Denver, CO 80246
evelin.flamenco@state.co.us | www.colorado.gov/cdphe/hm

On Sun, Jan 12, 2025 at 6:15 PM Jack Denman <jdenman@eroresources.com> wrote:

> Evelin and Julia –
>
> Thank you for coming to visit the field and observe the sonic drilling last week. I hope it was informative. As we move toward the deeper assessment, on behalf of TDA, we want to propose the following locations for the Source Supplemental Area Characterization Plan (SSACP) deep soil borings and adjustment within the Long Term Groundwater Monitoring Plan (LTGMP) regarding MW-37:
>
> 1. **SSACP - Deep boring locations.**
>   a. In accordance with Section 2.2 of the SSACP, five additional deep soil borings are proposed to evaluate deep soil VOC concentrations based on the initial shallow soil results.
>   b. The table below presents the results of soil sampling from shallow soil borings associated with the SSACP for soil samples that exceeded 1 milligram per kilogram (mg/kg).
>   c. The figure below illustrates a preliminary composite contouring of PCE concentrations between 10 and about 23 feet below ground surface as well as the location of the proposed deep soil borings.
>   d. The deep drilling plan proposes to install deep soil borings in the locations listed below, however because of the high PCE concentrations encountered during the shallow drilling, two of the borings (at the C-2 and H-8 locations) are proposed to be delayed until after treatment and/or removal of the shallow soil contamination. TDA proposes to delay the installation of these two locations to because of the risk for cross-contamination by drilling through the most contaminated areas of the site. To minimize the risk of cross-contamination or exacerbating deep, bedrock PCE contamination, these two borings would be drilled after shallow soil remediation occurs.
>   e. The three proposed deep boring locations to be installed at this time (at locations A+0, C+8, and D-2) did not detect PCE in shallow soil samples between the surface and about 21 to 23 feet below ground surface. The locations are intended to delineate the anticipated perimeter of deeper bedrock contamination when coupled with the deep groundwater wells installed as part of the Long Term Groundwater Monitoring Plan.
>
> **Table 1. Soils greater than 1.0 mg/kg and proposed deep soil boring locations.**
>
> | Shallow Soil Boring | Sample ID | Sample Depth | PCE (mg/kg) | Inclusion in Deep Drilling Rationale |
> |---|---|---|---|---|

C+2	SAC-C+2 (5-10)	5-10	43.9	Direct source area – **To be Postponed**
	SAC-C+2 (10-15)	10-15	176	
	SAC-C+2 (15-20)	15-20	348	
	SAC-C+2 (20-24)	20-24	107	
	SAC-C+2-24	24	2.14	
H+8	SAC-H+8-19	19	66	High PCE concentrations at base of boring. **To be postponed**
	SAC-H+8-23	23	20.8	
D-2		All Depths	All ND (<0.0025)	Delineate source area at C+2 to SW
C+8		All Depths	All ND (<0.0025)	Delineate source area at C+2 to E
A+0		All Depths	All ND (<0.0025)	Delineate source area at C+2 to NW
Remaining soil samples >1.0 mg/kg PCE				
C+0	SAC-C+0-10	10	25	No additional proposed borings – MW-22 data nearby
F+6	SAC-F+6-11	11	460	No additional proposed borings – MW-22 data nearby
F.5+7	SAC-F+7-11	11	22.5	No additional proposed borings – MW-22 data nearby
F.5+7	SAC-F+7-18.5	18.5	6.12	
F+7	SAC-F+7-11	11	22.5	No additional proposed borings – MW-22 data nearby
F+7	SAC-F+7-18.5	18.5	6.12	
F+6	SAC-F+6-19	19	1.62	No additional proposed borings – MW-22 data nearby
D+2	SAC-D+2-22.5	22.5	6.25	No additional proposed borings – Boring at C-2 to delineate



2. **LTGMP Well MW-37 relocation –** ERO assessed the proposed location for well MW-37 as previously approved in 2022 and anticipates significant utility conflicts with the location originally proposed and approved in the May 3, 2022 email from CDPHE to John Dellaport. The screen capture from Google Streetview shows water, sewer, electrical and telecom utilities all within the originally proposed location. To accommodate the anticipated utilities, ERO requests approval to shift the location into the Corona Street right-of-way, about 24 feet southeast. This new location appears to continue to be downgradient of OFS-1 and should fulfill the same intended purpose of performance monitoring.

If you have any questions, please feel free to give me a call at your earliest convenience or if you concur with this approach.

Thanks,

Jack

photo

Jack Denman
Senior Geologist, ERO Resources Corporation

303.830.1188 720.812.3576
www.eroresources.com
jdenman@eroresources.com
1626 Cole Blvd. Suite 100, Lakewood, CO 80401

From:	Flamenco - CDPHE, Evelin
To:	Jack Denman
Cc:	Chad Howell; Mruz - CDPHE, Richard; Fraser - CDLE, Julia; Jonathon Lubrano
Subject:	Re: TSC Supplemental Source Area Characterization Plan V2.0
Date:	Wednesday, January 22, 2025 1:56:01 PM

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Jack,

The extension request is approved for February 14, 2025. Please include this correspondence (the request and approval) in the report as an attachment.

Thank you,

Evelin Flamenco
Environmental Protection Specialist
Hazardous Waste Corrective Action Unit
Phone: 303-692-3283
4300 Cherry Creek Drive South, Denver, CO 80246
evelin.flamenco@state.co.us | www.colorado.gov/cdphe/hm

On Wed, Jan 22, 2025 at 9:06 AM Jack Denman <jdenman@eroresources.com> wrote:

> Evelin,
>
> On behalf of TDA, ERO has competed the field tasks associated with the Supplemental Source Area Characterization Plan (SSACP) dated September 11, 2024, however the combination of schedule availability for drill rigs in December and cold weather in January delayed the completion of the deep soil borings until January 16. With the delay, we are not anticipating to receive laboratory data from the deep soil borings until February 4.
>
> To allow for appropriate time to evaluate the data with respect to the results from the shallow boring events and provide the information in a complete report, we respectfully request an extension of the submittal for the SSACP of no later than February 14, 2025.
>
> Thank you for the prompt consideration of this request and please let me know if you have any questions.

Jack

Jack Denman
Senior Geologist, ERO Resources Corporation

303.830.1188 720.812.3576
www.eroresources.com
jdenman@eroresources.com

From: Flamenco - CDPHE, Evelin <evelin.flamenco@state.co.us>
Sent: Thursday, September 26, 2024 4:55 PM
To: Jack Denman <jdenman@eroresources.com>; Chad Howell <chad.howell@thorntonco.gov>
Cc: Mruz - CDPHE, Richard <richard.mruz@state.co.us>; Fraser - CDLE, Julia <julia.fraser@state.co.us>; Jonathon Lubrano <Jonathon.Lubrano@coag.gov>
Subject: Re: TSC Supplemental Source Area Characterization Plan V2.0

CAUTION This email originated from outside our organization. Do not click links or open attachments unless you recognize the sender and verify the email address matches their name.

Hi Jack and Chad,

Please find the attached approval letter for the Supplemental Source Area Characterization Plan. Regarding the Indoor Air Monitoring Plan, we're still reviewing it and it's highly likely we'll request another meeting to discuss this plan.

Thank you,

Evelin Flamenco

Environmental Protection Specialist

Hazardous Waste Corrective Action Unit

Phone: 303-692-3283

4300 Cherry Creek Drive South, Denver, CO 80246

evelin.flamenco@state.co.us | www.colorado.gov/cdphe/hm

On Wed, Sep 11, 2024 at 1:37 PM Jack Denman <jdenman@eroresources.com> wrote:

> Rick, Evelin, and Julia –
>
> On behalf of TDA, please find the attached, revised Supplemental Source Area Characterization Plan (SSACP) per comments from our discussion. This report replaces the one submitted on 8/5/24 in its entirety.
>
> This plan is being submitted in accordance with Consent Order No. 24-02-01-01 and the associated May 2024 Work Plan.
>
> Please let me know if you have any questions.
>
> Thanks,
>
> Jack
>
> **Jack Denman**
> **Senior Geologist, ERO Resources Corporation**
>
> 303.830.1188 | 720.812.3576
> www.eroresources.com
> jdenman@eroresources.com
> 1626 Cole Blvd, Suite 100, Lakewood, CO 80401

ERO Resources Corporation

Denver 1626 Cole Boulevard, Suite 100, Lakewood, CO 80401
Durango 835 East 2nd Avenue, Suite 400, Durango, CO 81301
Grand Junction 715 Horizon Drive, Unit 301, Grand Junction, CO 81506
Idaho 7154 West State Street, Suite 398, Boise, ID 83714

November 5, 2024

Tae Nam Huh and Woong Bok Huh
400 Beaumont Avenue
Pacific Grove, CA 93950

RE: Monitoring Well Access Permission Request for 8796 Corona Street
Thornton Shopping Center Remediation Project

Dear Tae Nam Huh and Woong Bok Huh:

As you may be aware, the Thornton Development Authority (TDA) is in the process of investigating and remediating contamination associated with the historical dry cleaners at the Thornton Shopping Center located northeast of East 88th Avenue and Washington Street. ERO Resources Corporation (ERO) is the environmental consultant working on behalf of the TDA to conduct the investigation, monitoring, and ultimately remediation of soil and groundwater. The activities are being conducted under the oversight of the Colorado Department of Public Health and Environment (CDPHE) and the City of Thornton maintains a website for updates and additional information regarding the site activities: https://www.thorntonco.gov/business-development/active-development/thornton-shopping-center-redevelopment

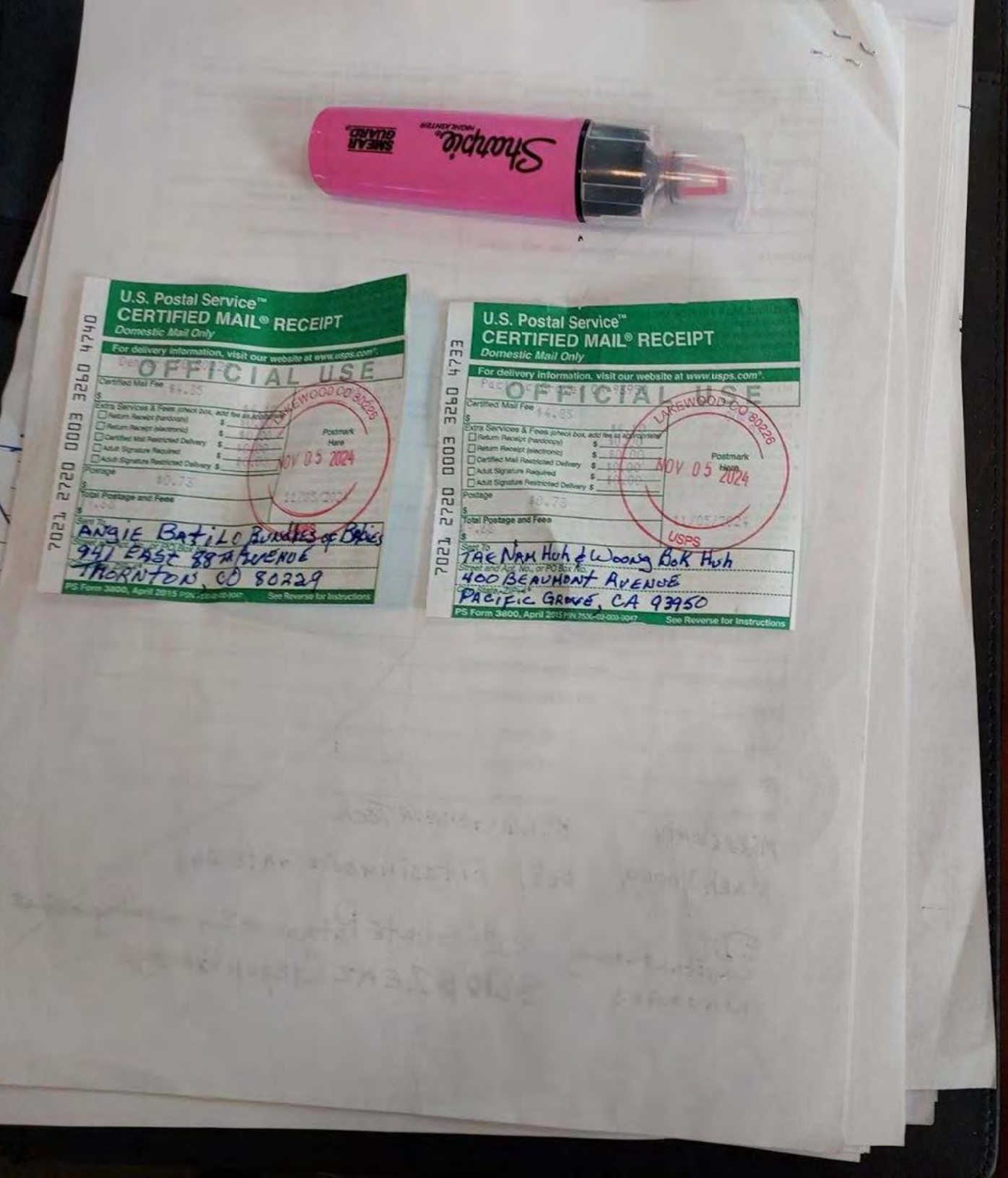
In 2021, the previous owners of the Thornton Shopping Center injected treatment solutions on or adjacent to your property to treat contaminated groundwater. TDA is currently being asked by CDPHE to install groundwater monitoring wells in specific locations to gauge the success of these treatments. Because your property is on or near the previous injections, we are contacting you to seek permission to install a monitoring well to test the groundwater and gauge the effectiveness of the treatments. All data will be provided to the CDPHE to help further the understanding of the extent of the impacts.

Please contact me at (720) 812-3576 or jdenman@eroresources.com at your earliest convenience to discuss the feasibility, locations, concerns, or if you have any questions. In addition, please feel free to contact Chad Howell with the City of Thornton, Thornton Development Authority at (303) 538-7390 with any questions regarding this project.

Thank you very much.

Sincerely,

Jack Denman
Project Manager


Sharpie
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CERTIFIED MAIL® RECEIPT
Domestic Mail Only
For delivery information, visit our website at www.usps.com®.
OFFICIAL USE
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$4.85
Extra Services & Fees (check box, add fee as appropriate)
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LAKEWOOD CO 80226
NOV 05 2024
USPS
7021 2720 0003 3260 4740
ANGIE BATILO Bundles of Babies
941 EAST 88TH AVENUE
THORNTON, CO 80229
PS Form 3800, April 2015 PSN 7530-02-000-9047
See Reverse for Instructions
U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only
For delivery information, visit our website at www.usps.com®.
OFFICIAL USE
Certified Mail Fee
$4.85
Extra Services & Fees (check box, add fee as appropriate)
Return Receipt (hardcopy)
Return Receipt (electronic)
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LAKEWOOD CO 80226
NOV 05 2024
USPS
7021 2720 0003 3260 4733
TAE NAM Huh & Woong Bok Huh
400 BEAUMONT AVENUE
PACIFIC GROVE, CA 93950
PS Form 3800, April 2015 PSN 7530-02-000-9047
See Reverse for Instructions
UNITED STATES POSTAL SERVICE.
LAKEWOOD
10799 W ALAMEDA AVE
LAKEWOOD, CO 80226-9998
(800)275-8777
11/05/2024 12:36 PM
Product Qty Unit Price Price
First-Class Mail® Letter 1 $0.73
Pacific Grove, CA 93950
Weight: 0 lb 0.50 oz
Estimated Delivery Date
Sat 11/09/2024
Certified Mail® $4.85
Tracking #:
70212720000332604733
Return Receipt $4.10
Tracking #:
9590 9402 3770 8032 0421 43
Total $9.68
First-Class Mail® Letter 1 $0.73
Denver, CO 80229
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Thu 11/07/2024
Certified Mail® $4.85
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Return Receipt $4.10
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Debit Card Remit $19.36
Card Name: VISA
Account #: XXXXXXXXXXXX7969
Approval #: 017758
Transaction #: 541
Receipt #: 040060
Debit Card Purchase: $19.36
AID: A0000000980840 Chip
AL: US DEBIT
PIN: Verified
Text your tracking number to 28777 (2USPS) to get the latest status. Standard Message and Data rates may apply. You may also visit www.usps.com USPS Tracking or call 1-800-222-1811.
In a hurry? Self-service kiosks offer quick and easy check-out. Any Retail Associate can show you how.
Preview your Mail
Track your Packages
Sign up for FREE @
https://informeddelivery.usps.com
All sales final on stamps and postage.
Refunds for guaranteed services only.
Thank you for your business.
Tell us about your experience.
Go to: https://postalexperience.com/Pos
or scan this code with your mobile device,
or call 1-800-410-7420.

ERO Resources Corporation

Denver | 1626 Cole Boulevard, Suite 100, Lakewood, CO 80401
Durango | 835 East 2nd Avenue, Suite 400, Durango, CO 81301
Grand Junction | 715 Horizon Drive, Unit 301, Grand Junction, CO 81506
Idaho | 7154 West State Street, Suite 398, Boise, ID 83714

November 20, 2024

Sally Talbert
Bundles of Babies LLC
941 East 88th Avenue
Thornton, Colorado 80229

RE: Monitoring Well Access Description – Thornton Shopping Center

Dear Ms. Talbert:

Thank you for the opportunity to discuss this project in greater detail. This letter is a follow-up to my November 5, 2024 letter and outlines the anticipated process, timeframe, and access requirements that would be involved with this endeavor. Also included is a draft access agreement for your review, an electronic one can be provided at your earliest convenience. The proposed activities consist of a well installation and sampling detailed as follows:

1. The proposed well location was originally identified by the Colorado Department of Public Health and Environment (CDPHE) to evaluate the previous remedial actions. The location is sought to be minimally intrusive to everyday activities and is intended to be within 15 feet of the location shown on the figure below to account for subsurface utilities and overhead clearances. The final location will be determined in the field and be suitable for everyone.
2. Pre-drilling activities will consist of utility marking of subsurface utilities as required by law to clear the well location.
3. Drilling activities will occur during normal working hours, anticipated to be weekdays from 8:00 am to 5;00 pm, subject other negotiated restrictions on timing and consist of the following:
    a. Use a truck-mounted drill rig and a support vehicle to drill the well using a hollow stem auger or combination of auger and direct push drilling techniques. The anticipated area needed for traffic and pedestrian closure is also shown on the attached figure below.
    b. Drilling will likely take between 4 and 6 hours to complete and the area will be inaccessible to non-drilling personnel during that timeframe.
    c. Drilling has the potential to be noisy – similar to a jackhammer or a large diesel engine for about 2 to 3 hours of the total time on-site.
    d. All materials, soils, containers, vehicles, and equipment will be removed at the end of the workday. The only potential piece of equipment likely to remain is a traffic cone atop the final manhole to protect concrete setting the manhole for the well. This will be removed in 24 hours.

e. An example of the surface expression of the monitoring well is shown below.

f. The wells will be permitted with the Colorado Division of Natural Resources, Department of Water Resources.

4. Once wells are installed, additional activities that will require access on a temporary basis consist of the following:

   a. Well surveying - The wells will be professionally surveyed to incorporate into the project. This activity will consist of a surveyor accessing the well for about 1 hour.

   b. Well development and sampling – This consists of a field technician accessing the well for 1-2 hours for the purposes of collecting groundwater samples from the well. Sampling activities already occur throughout the neighborhood and are minimally disruptive and occur on a quarterly basis.

All above-described activities are at no cost to you. Data from these activities will be submitted to the CDPHE by TDA as part of the Thornton Shopping Center remediation program and will be publicly available.

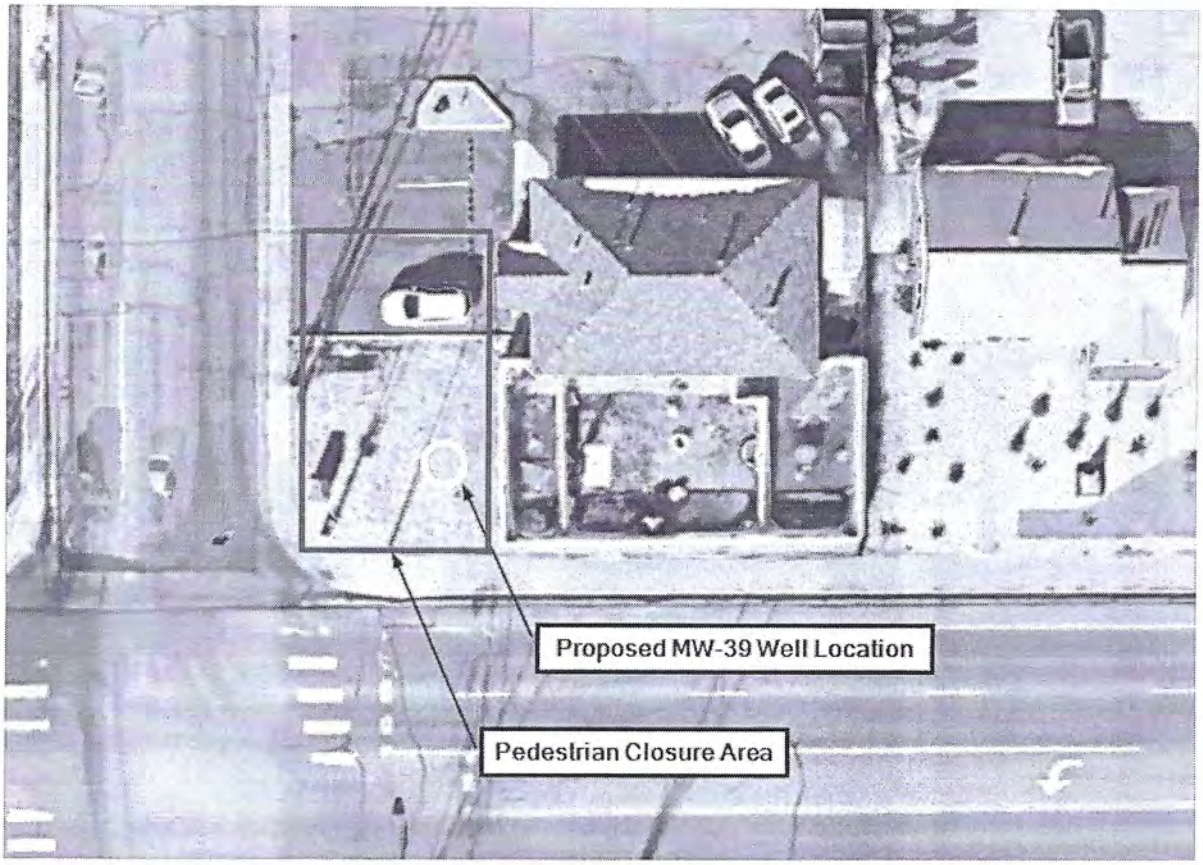
Please contact me at (720) 812-3576 or jdenman@eroresources.com at your earliest convenience to discuss the feasibility, locations, concerns, or if you have any questions. In addition, please feel free to contact Chad Howell with the City of Thornton, Thornton Development Authority at 303-538-7390 with any questions regarding this project.

Sincerely,

Jack Denman
Project Manager

Attachments

Proposed Well Location



Typical Surface Expression of Monitoring Well

ACCESS AGREEMENT

This Access Agreement (the "Agreement") is made as of [DATE] by and between ERO Resources Corporation, a Colorado Corporation, located at 1626 Cole Boulevard, Suite 100, Lakewood, Colorado ("ERO"), and Bundles of Babies LLC with a business office located at 941 East 88th Avenue, Thornton, CO 80229 ("Landowner") (collectively, referred to as the "Parties" or individually, as a "Party").

Recitals

WHEREAS, Landowner owns property located at 941 East 88th Avenue, Thornton, CO 80229, Thornton, Colorado 80229 (the "Site").

WHEREAS, ERO, under a General Environmental Services contract with the City of Thornton, and through the Thornton Development Authority (TDA), is tasked with conducting site investigation and remediation of groundwater impacted by chlorinated solvents from a former dry cleaner release at the Thornton Shopping Center, located northeast of the intersection of East 88th Avenue and Washington Street. Specifically, ERO is tasked with installing and monitoring a groundwater well on the Site to evaluate groundwater conditions associated with historical injection of remedial injection fluids installed previous by Quantum Water & Environment. The groundwater monitoring well will be installed to a depth of up to 35 feet below ground surface and consist of a 2-inch PVC well and associated casing, surface completion and manhole cover within the Site. A map depicting the location of the proposed well, designated as MW-39 is included as Exhibit A. The installation will occur on one day with subsequent access required for surveying and quarterly sampling of groundwater within the well for two years.

WHEREAS, the State of Colorado Department of Public Health and Environment ("CDPHE") is requiring this well pursuant to a Compliance Order on Consent (Consent Order) Number 24-02-01-01 between the TDA and the CDPHE.

WHEREAS, ERO is requesting access to the Site to complete the well installation on the Site and to sample groundwater quality on Site on a quarterly basis for up to two years.

WHEREAS, Landowner desires to allow ERO to access the Site to complete the well installation and conduct necessary groundwater monitoring on a quarterly basis for up to two years;

NOW THEREFORE, in consideration of the covenants contained in this Agreement and upon receipt of other good and valuable consideration, the sufficiency of which the Parties hereby acknowledge, the Parties agree as follows:

Agreement

1. Access.

(a) Landowner hereby grants ERO access to the Site for the purpose of groundwater well installation at the approximate location depicted on the attached in Exhibit A and to sample the proposed monitoring well on Site on a quarterly basis for two years (the "Permitted Activities"). The well installation will take approximately 1 day once scheduled. Work will be completed Monday through Friday, between the hours of 8 AM to 5 PM.

ERO will coordinate the exact dates and times of pre-drilling and injecting work with the Landowner prior initiating these activities and prior to installing any groundwater monitoring well on the Site. The exact location the groundwater monitoring well to be installed on site will be reviewed and approved by the Landowner prior to installation. ERO will take groundwater samples from the monitoring well starting in January 2025 and on a quarterly basis thereafter for two years. Access to the Site to sample the well shall occur during normal business hours (8AM- 5PM, Monday through Friday).

(b) As between Landowner and ERO, ERO shall be solely responsible for the lawful removal, manifesting, transport, testing, and disposal of any samples or other materials, including but not limited to hazardous materials, substances wastes or other contaminants, removed from the Site or generated as a result of the Permitted Activities performed pursuant to this Agreement. As between Landowner and ERO, ERO is the authorized agent for Thornton Development Authority, the sole generator (as the term "generator" is used in applicable statutes and regulations concerning the removal, transport, and/or disposal of hazardous materials, substances, waste, or other contaminants) of any materials, including but not limited to hazardous materials, substances, wastes or other contaminants, removed from the Site by ERO or ERO's contractors or subcontractors or generated as a result of sampling and/or testing undertaken by ERO or ERO's contractors or subcontractors.

(c) ERO covenants that the Permitted Activities shall be performed: (1) in accordance with all requirements of CDPHE or any other relevant governing regulatory agency and other applicable requirements of law; (2) by ERO or a licensed contractor, environmental consultant, or engineer under contract to ERO and at ERO's direction; (3) in a diligent, continuous, and good and workmanlike manner; and (4) lien free.

(d) ERO shall perform all Permitted Activities in a manner that will not unreasonably interfere with the proposed use, occupation, development, enjoyment or resale of the Site by Landowner.

(e) ERO or its subcontractors shall obtain any and all necessary governmental permits and approvals for the Permitted Activities, including securing all necessary utility locates prior to initiating the Permitted Activities.

(f) ERO shall perform the Permitted Activities at no cost to the Landowner.

(g) ERO shall provide Landowner with copies of analytical results of any testing performed by or for ERO and access to any other reports generated by ERO related to the Permitted Activities.

(h) Once the Permitted Activities are complete, ERO will either request an extension to access if required and agreeable by all parties or shall promptly remove all equipment associated with the Permitted Activities and restore the Site to substantially its condition prior to any Permitted Activities.

2. Indemnity.

ERO shall hold harmless, defend, and indemnify Landowner from and against all claims, causes of action, damages (including consequential damages claimed by a third party), losses, liabilities, demands, costs and expenses (including reasonable attorneys' fees and consultant costs), in any way related to (i) the Permitted Activities addressed in this Agreement, including without limitation actions by third parties, contractors and subcontractors or regulatory agencies except to the extent attributable to Landowner's negligence or willful misconduct, or non- disclosure; and (ii) the material breach of any covenant in this Agreement related to the Permitted Activities by ERO or its contractors and subcontractors, or their negligence or willful misconduct. The provisions of this Paragraph 2 shall survive the termination or expiration of this Agreement.

3. Cooperation.

Landowner will reasonably cooperate with ERO in the performance of the Permitted Activities and will not unreasonably interfere with the Permitted Activities.

4. Insurance.

During the term of this Agreement, ERO shall carry a minimum of (a) comprehensive liability insurance coverage of at least Two Million Dollars ($2,000,000.00) per occurrence, Four Million Dollars ($4,000,000.00) in the aggregate, and such comprehensive liability insurance shall provide coverage for the activities contemplated by this Agreement, (b) Auto Liability insurance coverage of One Million Dollars ($1,000,000.00) combined single limit, and (c) Workers' Compensation insurance coverage as required by law. Landowner shall be furnished proof of such coverage upon request.

5. Notices.

Subject to the terms, conditions, and covenants of this Agreement written Notice by either Party will be promptly served to the other Party by United States mail, postage prepaid and addressed to either Party, or to such other place as either Party may from time to time designate by notice to the other, at the following addresses:

Landowner:
SANTALBERT Mgr/MBR
Name: 941 E 88th Ave
Address: THORTON, CO 80020

Angie C 8775@yahoo.com
Email:

ERO:

Courtney Sockwell, Principal
ERO Resources Corporation
1600 Cole Boulevard, Suite 100
Lakewood, CO 80401
csockwell@eroresources.com

6. Binding Effect.

The terms, conditions, covenants, and provisions of this Agreement will inure to the benefit of and will be binding upon the Parties hereto, their respective heirs, agents, representatives, successors or assigns.

7. Entire Agreement.

This Agreement contains the entire agreement between the Parties and may not be modified orally or in any other manner other than by written agreement signed by all Parties or their successors or assigns.

8. Termination.

Agreement will terminate concurrently with the revocable license granted by Landowner to ERO under Section 1.(h) of this Agreement.

9. Counterparts.

This Agreement may be executed in counterparts, each of which shall be considered one and the same agreement.

10. Governing Law and Venue.

This Agreement will be governed by, construed, and enforced in accordance with the laws of Colorado. Venue shall be deemed to be in the county where the Site is located.

11. Authority of Signatories.

The signatories below declare, warrant, and represent that they have the authority to enter into this Agreement on behalf of their respective principals, if any.

12. Successors.

This Agreement will be binding upon and inure to the benefit of, and be enforceable by, the Parties and their respective successors or assigns.

The rest of this page intentionally left blank.

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement effective as of the day and year first written above.

Landowne

12.10.2024
Date

ERO Resources Corporation

12/17/24
Date