

2025 Groundwater Treatment and Water Quality Status Report

Lakewood Towne Center
Lakewood, Washington

Prepared for
Kite Realty Group

Prepared by
Herrera Environmental Consultants, Inc.

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**Lakewood Towne Center
Lakewood, Washington**

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October 27, 2025

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Certificates of Licensed Geologist and Hydrogeologist

This document has been prepared under the supervision of a licensed geologist and hydrogeologist.



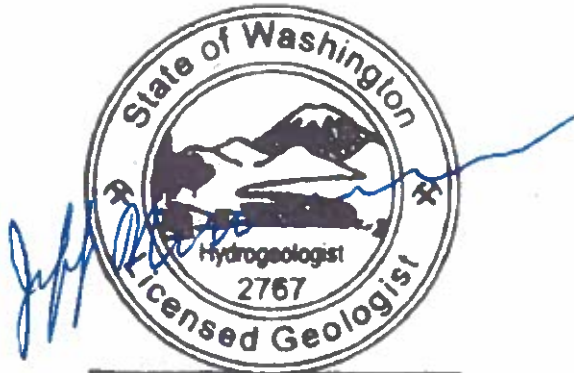
George C. Ifner

George Ifner, LG
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10/27/2025

Date

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Introduction

This Groundwater Treatment and Water Quality Status Report (Report) describes groundwater treatment completed in September 2024, and subsequent groundwater monitoring in October 2024, and January, April, and July 2025, at the Lakewood Towne Center site (Site), in Lakewood, Washington. This report also presents the results of and provides conclusions, and recommendations for additional treatment and monitoring at the Site.

Historical site investigations and groundwater monitoring have been completed within the northwest portion of the Site in the vicinity of the former Plaza Cleaners that operated from 1968 to 1987. Previous site investigations and groundwater monitoring detected a dry cleaning solvent, perchloroethylene (PCE), and its breakdown products (aka daughter products), trichloroethylene (TCE), cis-1,2-dichloroethene (cDCE), and vinyl chloride (VC), as well as several related halogenated volatile organic compounds (HVOCs), were detected in groundwater across the site; refer to summary of the Site history included in the Work Plan (Herrera 2024). Since groundwater monitoring at the Site was restarted in 2021, contaminant concentrations in monitoring wells have steadily decreased. Concentrations of nearly all HVOC chemicals of concern (COCs) except VC have dropped below their respective Model Toxics Control Act (MTCA) cleanup levels (CULs). However, VC concentrations detected in groundwater in monitoring well MW-1S continue to exceed the MTCA Method A CUL. Therefore, groundwater treatment and monitoring has been performed per the Work Plan (Herrera 2024) approved by the Washington State Department of Ecology (Ecology) to reduce the concentration of residual VC in groundwater below the CUL.

General Site Information

Lakewood Towne Center is located at 5731 Main Street Southwest in Lakewood, Washington (Figure 1). The site is located in the northwest corner of the shopping center from 5815 to 6111 Lakewood Towne Center Boulevard Southwest (Figure 2). The commercial shopping center complex has undergone multiple renovations and redevelopments since the area was originally developed in the 1950s and is currently owned by Kite Realty Group (KRG).

Site Identification and Contact Information

Site investigation and cleanup activities are being reviewed by Ecology under Voluntary Cleanup Program (VCP) Site Number SW1801. Ecology is tracking the status of site investigation and cleanup activities as follows:

- Facility Site Identification Number: 7922231
- Cleanup Site Identification Number: 421

Site contact information:

Kite Realty Group
30 South Meridian Street, Suite 1100
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Ecology VCP Program Manager:

Joseph Hunt, LHG: johu461@ECY.WA.GOV (360) 489-5347



- Road
- Highway
- Stream
- Waterbody
- Project Area / Lakewood Towne Center

Bellingham
Oak Harbor
Forks
Seattle
Olympia
Area of map detail



Note: Well MW-3 was located approximately 900 feet to the west until it was abandoned by the adjacent property owner in early 2024.

5919 Lakewood Towne Center Blvd SW

5815 Lakewood Towne Center Blvd SW

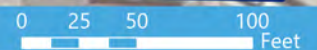


Groundwater Monitoring Wells

- Deep
- Medium
- Shallow
- Shallow - Groundwater Treatment

- Building Footprints
- Property Owned by Kite Realty Group
- Former Plaza Cleaners Building (1968-1987)

5820 Lakewood Towne Center Blvd SW



Site Description

The Site is located within the Lakewood Towne Center shopping complex located in Pierce County in Lakewood, Washington. The shopping complex is centrally located at 5731 Main Street Southwest, with Gravelly Lake Drive Southwest to the west, 100th Street Southwest to the north, and Main Street Southwest to the south (Figure 1). The groundwater treatment and monitoring activities described in this report are focused on the northwest portion of the complex, along Lakewood Towne Center Boulevard Southwest, from the area south of 5815 to 6111 Lakewood Town Center Boulevard Southwest, including the northern portion of 10220 59th Avenue Southwest (Figure 2).

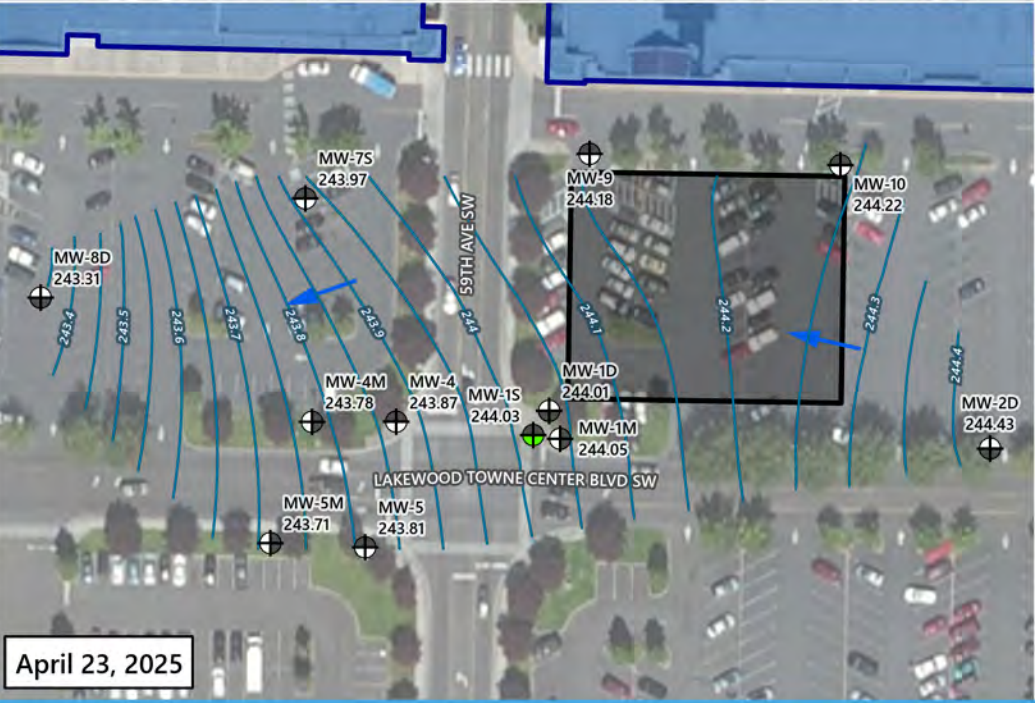
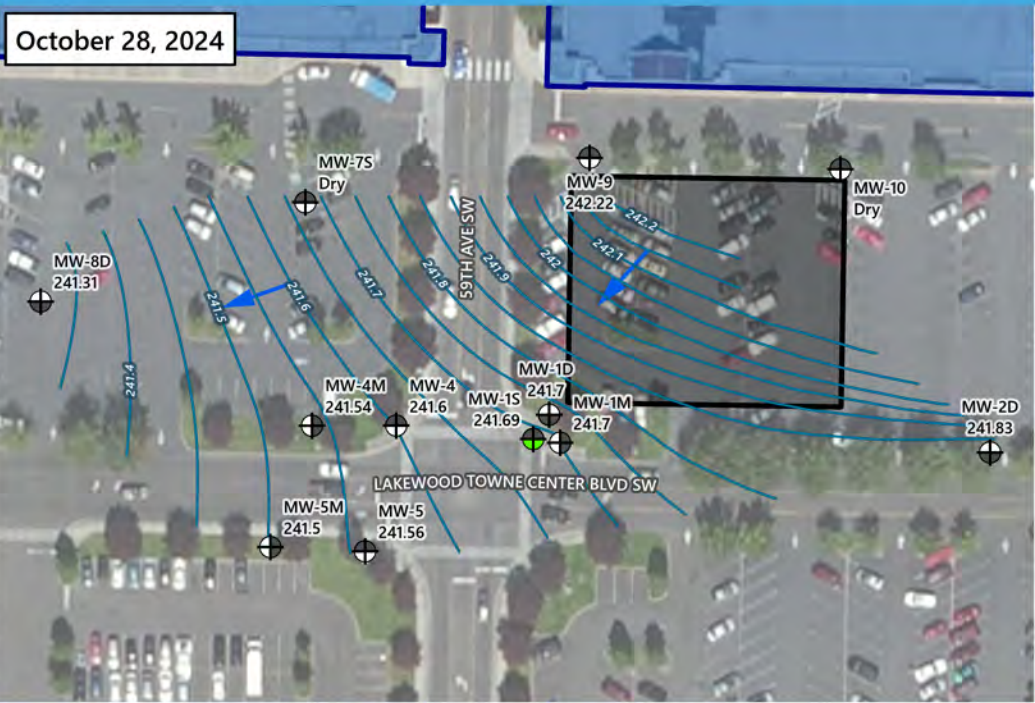
The Site is situated within the northwest quarter of Section 2, Township 19, Range 02, east of the Willamette Meridian in Pierce County, Washington (Pierce County 2023). The Site is centered at latitude 47° 09' 51" North and longitude 122° 31' 02" West, on land that is flat, with a surface elevation of approximately 260 feet above mean sea level (msl) (Google 2022). The site is zoned within the city of Lakewood, as the part of the Central Business District, with areas beyond zoned as public, residential, or mixed residential (City of Lakewood 2023).

Figure 3. Groundwater Contour Maps, October 2024 through July 2025, Lakewood Towne Center, Lakewood, Washington.

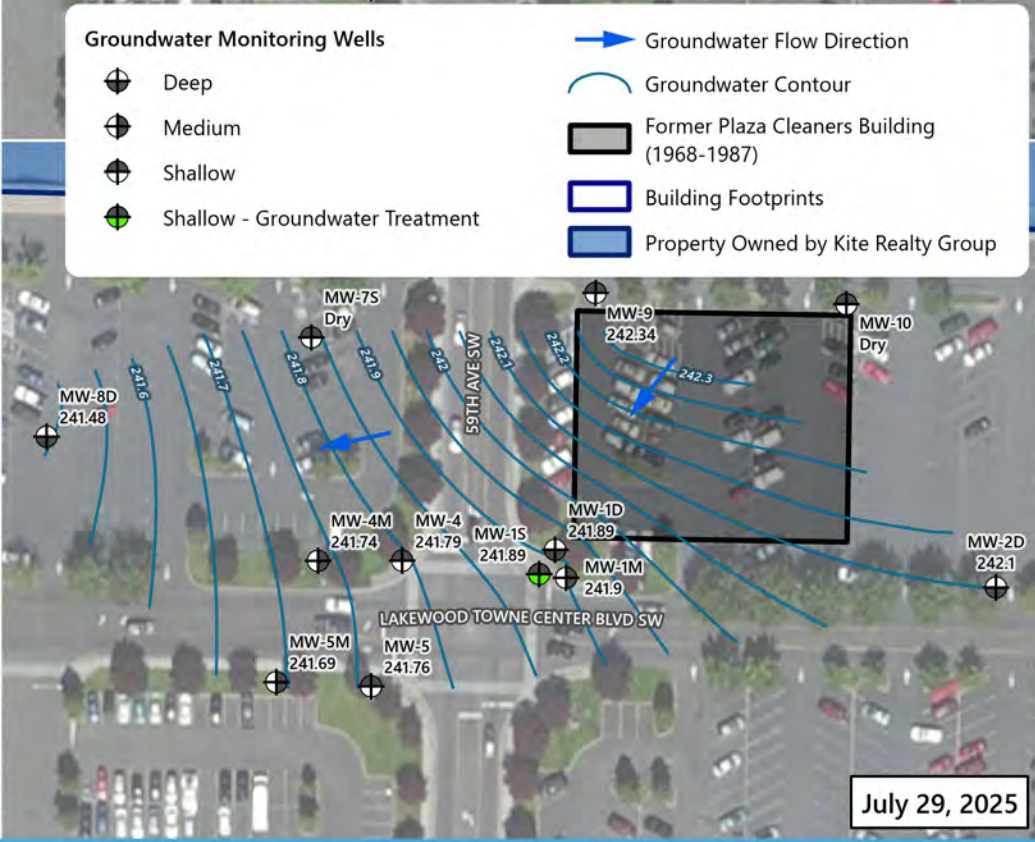


October 28, 2024

January 29, 2025



July 29, 2025



Groundwater Monitoring Wells

- Deep
- Medium
- Shallow
- Shallow - Groundwater Treatment

Groundwater Flow Direction

- Groundwater Flow Direction

Groundwater Contour

- Groundwater Contour

Former Plaza Cleaners Building (1968-1987)

- Former Plaza Cleaners Building (1968-1987)

Building Footprints

- Building Footprints

Property Owned by Kite Realty Group

- Property Owned by Kite Realty Group



Site Geology and Hydrogeology

Geologic Setting

Most of central Pierce County and the associated Lakewood Mall property are located on an extensive upland glacial drift plain. The drift plain originated from glacial and glaciofluvial processes associated with the Vashon glaciation. The drift plain is dotted with small lakes and swamps occupying depressions called kettles. Kettles were formed by melting blocks of glacial ice buried in the drift. The plain is bounded on the west by Puget Sound. It extends east to the foothills of the Cascade Mountain range. Major drainages incising the drift plain include the Puyallup River to the north and to the east, as well as the Nisqually River to the south.

The general stratigraphy in central Pierce County and in the vicinity of the subject site consists of a series of Pleistocene age glacial and nonglacial sediments overlying Tertiary bedrock at a depth of about 2,000 feet below ground surface (Hall and Othberg 1974). Surficial soils encountered on site during previous field investigations and nearby environmental investigations consist of openwork coarse sand and gravel with cobbles and trace amounts of silt. This gravel unit is called the Steilacoom gravels, representing a facies of recessional outwash as a result of deltas formed in proglacial lakes (Walters and Kimmel 1968). Based on several gravel pit mines identified in the area, the thickness of Steilacoom gravels in the vicinity of the subject site can vary between 20 and 60 feet. Underlying the Steilacoom gravels is a very dense glacial till deposit, known as the Vashon till, consisting of impermeable sandy silt with variable amounts of gravel and clay.

The area topography is relatively flat to slightly hummocky at an elevation of 260 feet above mean sea level. Based on historical information, the mall was developed on a marsh that had occupied the east-central portion of the property. A layer of peat reportedly exists beneath the site, based on information gathered for development of Lakewood Mall II (Natansky 2000).

Site Geology

Soils encountered at the site generally consisted of grayish brown to olive brown sandy gravel with variable amounts of cobbles and trace amounts of silt overlying an impermeable till layer. The gravel deposit is similar in lithology to those described for the Steilacoom gravel formation, and the till layer is similar to those described for Vashon glacial till. Fill material, generally consisting of slightly silty sand to sandy gravel with concrete chunks, brick fragments, and other debris, was generally encountered across the site to approximate depths ranging from 2 to 14 feet. During previous investigations, the Steilacoom gravel deposit was encountered in borings starting beneath the asphalt pavement or fill layer. The base of the Steilacoom gravel unit was reached in the two deep well borings, MW-1d and MW-2d, and well boring MW-3 at maximum depths of 48, 57.5, and 28 feet below ground surface (bgs), respectively (Herrera 2001). The till encountered in these borings generally consisted of very dense, olive brown silty sand with variable amounts of clay and gravel; the base of the till layer was not reached.

Site Hydrogeology

The Lakewood Mall property and vicinity have a poorly developed surface drainage system, due to high infiltration capacity of the gravelly soil and the level topography. Aquifers are recharged primarily by precipitation in this area, with an average annual precipitation of approximately 38 inches. Prior to development of the mall in 1957, the marsh drained into Ponce de Leon Creek to the west, which eventually drains into Lake Steilacoom located 0.5 miles west of the mall property. The marsh and creek were diverted and tightlined into a stormwater drainage system beneath the property during the development of Villa Plaza shopping center and later the Lakewood Mall II complex, which continues to discharge into Ponce de Leon Creek (Natansky 2000).

The water bearing zone at the site is located within the Steilacoom gravel unit, confined by the consolidated Vashon till layer beneath it. Monitoring wells across the northwest portion of the site have well screens spanning the upper (shallow), middle (medium), and deeper (deep) portions of the water bearing zone. Shallow wells have well screens in the top portion of the water bearing zone down to approximately 2.5–7.5 feet bgs. Medium wells have well screens in the middle 7.5 to 12 feet of the water bearing zone. Deep wells have well screens in the bottom 32 to 46 feet of the water bearing zone.

The groundwater at the site has historically been encountered from approximately 11.6 feet bgs at the eastern portion of the site in MW-2D to 18.1 feet bgs at the western portion of the site in MW-3 until it was abandoned in the spring of 2024 by the adjacent property owner. In general, groundwater flows to the west/west-northwest across the northwestern portion of the site. The hydraulic gradient ranges from approximately 0.0011 to 0.0017 feet per foot across the site.

In general, groundwater across the northwest portion of the site is the shallowest at monitoring well MW-2D and the deepest in MW-8D, with an average difference of 4.9 feet between the highest and lowest groundwater points from June 20, 2024 through July 29, 2025. Groundwater generally flows to the west, with little seasonal variability to the west-northwest and west-southwest.

Groundwater Treatment

This section describes the field activities associated with groundwater treatment at the Site at monitoring well MW-1S per the approved Work Plan (Herrera 2024). Prior to performing the groundwater treatment, Herrera applied for and received an Underground Injection Control (UIC) permit from Ecology. Because the site is located within two well head protection areas, Herrera submitted a copy of the draft Work Plan to the Lakewood Water District and the Fircrest Water Protection Area to notify them of the planned treatment. All methods and procedures for groundwater treatment and monitoring are presented in the approved Work Plan (Herrera 2024).

September 2024 Groundwater Treatment

The groundwater remediation strategy involved injecting reagents to initiate in situ chemical oxidation (ISCO) of VC, while simultaneously delivering microbial nutrients to support its subsequent aerobic biodegradation. The groundwater treatment was performed per the plan designed by Tersus Environmental (Tersus) and included in the Work Plan (Herrera 2024). The original treatment plan called for injections at two monitoring wells MW-1S (shallow) and MW-1M (medium) with a stabilized hydrogen peroxide solution (Modulated TersOx Liquid), followed by a nutrient-rich formulation containing nitrogen and phosphorus (TersOx Nutrients-QR), designed to oxidize VC, elevate dissolved oxygen levels within the treatment zone, and enhance conditions for the continued aerobic biodegradation of untreated VC. However, based on the June 2024 groundwater sampling results that showed residual concentrations of VC above CULs only at MW-1S, the plan was modified in consultation with Tersus, to perform the groundwater treatment only at MW-1S. Field notes recorded during the injection work are included in Appendix A and a photographic log is included in Appendix B.

The treatment included mixing 500 pounds (52 gallons) of TersOx Liquid, 25 pounds of TersOx Nutrients, and approximately 2,490 gallons of water. Based on field conditions, including low organic content and high aquifer permeability, which were unlikely to trigger significant reactions with hydrogen peroxide, the surfactant-based hydrogen peroxide stabilizer (TersOx Modulator), which was included as an optional component in the treatment plan was not injected during the groundwater treatment activities.

On September 11, 2024, Herrera mobilized to the Site with Holocene Drilling to review Site conditions and the plan for groundwater treatment, locate the onsite supply of potable water, and discuss proposed injection equipment and potential health and safety concerns. Holocene conducted a full review of all injection equipment components to identify and rectify potential equipment and chemical incompatibilities (e.g., galvanized pipe, iron, or copper alloys that could react adversely with hydrogen peroxide). On September 12 and 13, Herrera and Holocene met again onsite to conduct health and safety meetings and review the plan prior to each day of groundwater treatment work.

Holocene used triple-rinsed 300-gallon food grade totes to mix water, TersOx Liquid, and TersOx Nutrients in 12 separate batches. The batches were mixed as summarized in Table 1.

Table 1. Groundwater Treatment Mixture Injected on June 12 and 13, 2024, Lakewood Towne Center, Lakewood, Washington.

| Treatment Batch | Water (Gallons Per Batch) | TersOx Liquid (Gallons Per Batch) | TersOx Nutrients (Pounds Per Batch) |
|-----------------|---------------------------|-----------------------------------|-------------------------------------|
| 1 through 9 | 200 | 4.5 | 2 |
| 10 through 12 | 230 | 4.2 | 2.3 |
| Total | 2,490 | 53 | 25 |

Holocene used a mechanical mixer to thoroughly mix each batch of water, TersOx Liquid, and TersOx Nutrients. A pump with air compressor and hose were used to transfer the treatment solution to the well head and inject it at a rate of approximately 5- to 6-gallons per minute, under a pressure of approximately 5 pounds per square inch (psi). Herrera and Holocene staff monitored the well had and adjacent paved and landscaped areas continuously during the injection activities and did not observe any signs of surfacing within a 50-foot radius of well MW-1S.

Post-Treatment Groundwater Monitoring and Conceptual Site Model

Post-Treatment Groundwater Monitoring

Following the groundwater treatment, quarterly groundwater monitoring was conducted in October 2024, and January, April, and July 2025, to monitor and evaluate the effectiveness of the treatment. Table 2 presents historical concentrations of HVOCs detected in groundwater at the Site, and Table 3 presents a summary of chlorinated VOC detections and groundwater geochemistry from June 2024 through July 2025. Laboratory analytical reports, and a Data Quality Assurance Review summary for October 2024 through July 2025 are included in Appendix C.

During each quarterly sampling event, Herrera measured static water levels and collected groundwater samples at each of the 12 monitoring wells onsite. All groundwater samples were analyzed for HVOCs, including PCE and its breakdown products (see Table 2) and field parameters including pH, temperature, specific conductivity, dissolved oxygen, and oxidation-reduction potential were also recorded for each sample (see Table 3).

Samples from the October 2024 and July 2025 monitoring events collected at the source area monitoring wells MW-1S and MW-1M were also submitted for laboratory analysis of the following geochemical parameters: total organic carbon (TOC); total sulfate; total and dissolved iron and manganese, total Kjeldahl nitrogen (TKN) and total phosphorus; ammonia; biological oxygen demand [BOD]; nitrate; nitrite; and dissolved methane, ethane, ethene, and acetylene. Ferrous iron [Fe (II)] and total nitrogen were analyzed in samples from the October 2024 event, but inadvertently not analyzed by the laboratory for the July 2025 event. For the July 2025 monitoring event, samples from source area wells MW-1S and

MW-1M were also submitted to SiREM laboratories in Knoxville, Tennessee for Gene-Trac® Dechlor-Array analysis to determine the presence of reductive dechlorination or aerobic dechlorination bacteria. The results of the monitoring and laboratory analyses of samples are discussed further in the next two sections under Conceptual Site Model and Groundwater Chemistry sections.

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Table 2. Historical Concentrations of HVOC Detected in Groundwater, Lakewood Towne Center, Lakewood, Washington.

| Well Location | Sample Date | PCE | TCE | cDCE | tDCE | 1,1-DCE | 1,1-DCA | Vinyl Chloride | 1,3-DCB | 1,4-DCB | Chloroform |
|---------------------------------|----------------|----------------------|----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-----------|------------------------|------------------------|
| MTCA CUL | | 5^a | 5^a | 16^b | 160^b | 400^b | 7.7^b | 0.2^a | – | 8.1^b | 1.4^b |
| SL for VI^c | | 25 | 1.4 | 180 | 77 | 130 | 3.5 | 0.33 | – | 5 | 1.2 |
| Shallow Monitoring Wells | | | | | | | | | | | |
| MW-1S (243.9 to 238.9) | 09/15/00 | 2.2 | 19 | 670 | 14 | 0.76 | 6.1 | 52 | ND (0.20) | 0.25 | 1.3 |
| | 02/12/01 | 1.2 | 15 | 390 | 8.2 | 0.37 | 3.1 | 47 | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/17/01 | 2.3 | 18 | 600 | 10 | 0.64 | 5.5 | 41 | ND (0.20) | 0.3 | ND (0.20) |
| | 08/15/01 | 1.7 | 14 | 490 | 8.3 | 0.56 | 4.2 | 40 | ND (0.20) | ND (0.20) | ND (0.20) |
| | 11/15/01 | 0.51 | 9.1 | 320 | 6.4 | 0.47 | 2.3 | 59 | ND (0.20) | 0.21 | ND (0.20) |
| | 02/20/02 | 37 | 68 | 540 | 7.2 | 0.83 | 3.1 | 28 | ND (0.20) | 0.35 | ND (0.20) |
| | 05/20/02 | 18 | 37 | 520 | 8.3 | 0.61 | 2.3 | 25 | ND (0.20) | 0.32 | ND (0.20) |
| | 08/19/02 | 5.5 | 16 | 540 | 7.3 | ND (2.0) | ND (2.0) | 31 | ND (2.0) | ND (2.0) | ND (2.0) |
| | 11/20/02 | 2.8 | 17 | 330 | 8.5 | 1 | ND (0.20) | 58 | ND (0.20) | ND (0.20) | ND (0.20) |
| | 02/20/03 | 5.8 | 18 | 290 | 3.6 | ND (2.0) | ND (2.0) | 22 | ND (2.0) | ND (2.0) | ND (2.0) |
| | 05/21/03 | 10 | 28 | 470 | 6.7 | 0.55 | ND (0.20) | 24 | ND (0.20) | 0.23 | ND (0.20) |
| | 08/21/03 | 7.1 | 20 | 400 | 6.6 | ND (2.0) | ND (2.0) | 24 | ND (2.0) | ND (2.0) | ND (2.0) |
| | 11/26/03 (B&C) | ND (5.0) | 13.2 | 212 | ND (5.0) | ND (5.0) | ND (5.0) | 30.1 | ND (5.0) | ND (5.0) | ND (5.0) |
| | 03/03/04 (B&C) | 1.55 | 6.26 | 420 | 6.77 | ND (1.0) | 1.44 | 91.8 | ND (1.0) | ND (1.0) | ND (1.0) |
| | 08/16/06 | 4.3 | 15 | 220 | 2.9 | ND (2.0) | ND (2.0) | 28 | ND (2.0) | ND (2.0) | ND (2.0) |
| | 02/14/07 | 7.3 | 26 | 370 | 3.9 | ND (2.0) | ND (2.0) | 20 | ND (2.0) | ND (2.0) | ND (2.0) |
| | 09/24/07 | 3.5 | 9.5 | 140 | 2.4 | ND (1.0) | ND (1.0) | 20 | ND (1.0) | ND (1.0) | ND (1.0) |
| | 03/13/08 | 3.5 | 13 | 370 | 3.7 | ND (2.0) | ND (2.0) | 26 | ND (2.0) | ND (2.0) | ND (2.0) |
| | 09/26/08 | 2.6 | 7.4 | 110 | 1.4 | ND (0.40) | ND (0.40) | 16 | ND (0.40) | ND (0.40) | ND (0.40) |
| | 09/24/09 | 2.7 | 7.4 | 95 | 1.3 | ND (0.40) | ND (0.40) | 14 | ND (0.40) | ND (0.40) | ND (0.40) |
| | 05/12/10 | 3.5 | 9.3 | 260 | 2.8 | ND (2.0) | ND (2.0) | 17 | ND (2.0) | ND (2.0) | ND (2.0) |
| | 11/18/10 | ND (1.0) | 6.7 | 110 | 1.6 | ND (1.0) | ND (1.0) | 17 | ND (1.0) | ND (1.0) | ND (1.0) |
| | 05/19/11 | 2.4 | 5.1 | 120 | 1.5 | ND (1.0) | ND (1.0) | 9.2 | ND (1.0) | ND (1.0) | ND (1.0) |
| | 11/22/11 | 1.2 | 4.9 | 83 | 1.2 | ND (1.0) | ND (1.0) | 15 | ND (1.0) | ND (1.0) | ND (1.0) |
| | 05/24/12 | 2.1 | 5.1 | 130 | 1.4 | ND (0.20) | 0.22 | 9 | ND (0.20) | ND (0.20) | ND (0.20) |
| | 11/08/12 | 1.6 | 4.2 | 61 | 0.88 | ND (0.40) | ND (0.40) | 11 | ND (0.40) | ND (0.40) | ND (0.40) |
| | 08/04/21 | 0.90 | 1.6 | 3.3 | ND (0.20) | ND (0.20) | ND (0.20) | 1.3 | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/03/22 | 0.72 | 1.7 | 3.0 | ND (0.20) | ND (0.20) | ND (0.20) | 0.81 | ND (0.20) | ND (0.20) | ND (0.20) |
| | 06/20/24 | 0.67 | 0.99 | 1.5 | ND (0.20) | ND (0.20) | ND (0.20) | 0.26 | ND (0.20) | ND (0.20) | ND (0.20) |
| | 10/28/24 | 1.2 | 1.5 | 3.5 | ND (0.20) | ND (0.20) | ND (0.20) | 0.76 | ND (0.20) | ND (0.20) | ND (0.20) |
| | 01/29/25 | 0.90 | 0.38 | 0.76 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 04/23/25 | 0.63 | 1.5 | 2.6 | 0.26 | ND (0.20) | ND (0.20) | 0.53 | ND (0.20) | ND (0.20) | ND (0.20) |
| | 07/29/25 | 1.30 | 1.3 | 2.5 | ND (0.20) | ND (0.20) | ND (0.20) | 0.53 | ND (0.20) | ND (0.20) | ND (0.20) |
| MW-4 (243.9 to 238.9) | 09/15/00 | 1.6 | 4.9 | 120 | 2.8 | ND (0.20) | 1 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 02/12/01 | 1 | 2.3 | 48 | 0.9 | ND (0.20) | 0.22 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/17/01 | 1 | 3.4 | 100 | 1.6 | ND (0.20) | 1 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/15/01 | 0.97 | 2.9 | 70 | 1.1 | ND (0.20) | 0.68 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 11/15/01 | 0.99 | 1.6 | 35 | 0.57 | ND (0.20) | 0.29 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 02/20/02 | 9.8 | 18 | 110 | 1.3 | ND (0.20) | 0.71 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/20/02 | 3.8 | 6.6 | 65 | 0.9 | ND (0.20) | 0.32 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/19/02 | 2.4 | 4.2 | 77 | 1.7 | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) | ND (0.40) |
| | 11/21/02 | 1.6 | 3.7 | 38 | 0.99 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 02/20/03 | 1.5 | 3.1 | 36 | 0.48 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/21/03 | 2.4 | 4.7 | 65 | 0.97 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/21/03 | 1.8 | 3.8 | 54 | 0.78 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 11/26/03 (B&C) | 1.73 | 2 | 24.8 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| | 03/03/04 (B&C) | 2.09 | 4.07 | 75 | 0.88 | ND (0.20) | 0.21 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/16/06 | 1.4 | 2.7 | 33 | 0.56 | ND (0.20) | 0.21 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 02/14/07 | 1.4 | 3.7 | 49 | 0.43 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 09/24/07 | 1.1 | 2.1 | 23 | 0.28 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 03/13/08 | 1.1 | 2.6 | 52 | 0.51 | ND (0.20) | ND (0.20) | ND (0.20) | 0.28 | ND (0.20) | ND (0.20) |
| | 09/26/08 | 0.84 | 1.3 | 14 | 0.2 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 09/24/09 | 1 | 2 | 23 | 0.25 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/12/10 | 0.98 | 1.8 | 37 | 0.34 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 11/18/10 | 0.66 | 0.89 | 12 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/19/11 | 0.86 | 1.3 | 24 | 0.26 | ND (0.20) | ND (0.20) | ND (0.20) | 0.32 | ND (0.20) | ND (0.20) |
| | 11/22/11 | 0.71 | 0.73 | 9.2 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/24/12 | 0.7 | 1.1 | 23 | 0.21 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 11/08/12 | 0.73 | 0.75 | 9.8 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/04/21 | 0.36 | 0.21 | 0.33 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/03/22 | 0.39 | 0.24 | 0.31 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 06/20/24 | 0.32 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |

Table 2 (continued). Historical Concentrations of HVOC Detected in Groundwater, Lakewood Towne Center, Lakewood, Washington.

| Well Location | Sample Date | PCE | TCE | cDCE | tDCE | 1,1-DCE | 1,1-DCA | Vinyl Chloride | 1,3-DCB | 1,4-DCB | Chloroform |
|---|----------------|---------------------------|----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-------------|------------------------|------------------------|
| MTCA CUL | | 5^a | 5^a | 16^b | 160^b | 400^b | 7.7^b | 0.2^a | – | 8.1^b | 1.4^b |
| SL for VI^c | | 25 | 1.4 | 180 | 77 | 130 | 3.5 | 0.33 | – | 5 | 1.2 |
| Shallow Monitoring Wells (continued) | | | | | | | | | | | |
| | 10/28/24 | 0.38 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 01/29/25 | 0.37 | ND (0.20) | 0.28 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 04/23/25 | 0.35 | ND (0.20) | 0.25 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 07/29/25 | 0.33 | ND (0.20) | 0.24 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| MW-5 | 09/15/00 | 1.2 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| (243.7 to 238.7) | 02/12/01 | 0.7 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/17/01 | 0.62 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/15/01 | 0.88 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 11/15/01 | 0.9 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 02/20/02 | 0.44 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/20/02 | 0.39 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/19/02 | 0.71 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 11/21/02 | 0.86 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 02/20/03 | 0.62 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/21/03 | 0.52 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/21/03 | 0.89 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 11/26/03 (B&C) | 0.86 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 03/03/04 (B&C) | 0.55 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/17/06 | 0.66 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 02/14/07 | 0.34 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 09/24/07 | 0.69 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 03/13/08 | 0.33 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 0.33 | ND (0.20) | ND (0.20) |
| | 09/26/08 | 0.67 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 0.21 |
| | 09/24/09 | 0.6 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/12/10 | 0.28 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 11/18/10 | 0.22 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/19/11 | 0.29 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 0.25 | ND (0.20) | ND (0.20) |
| | 11/22/11 | 0.43 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 0.22 |
| | 05/24/12 | 0.27 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 0.20 |
| | 11/08/12 | 0.44 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/04/21 | 0.33 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/03/22 | 0.31 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 06/20/24 | 0.28 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 10/28/24 | 0.44 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 01/29/25 | 0.27 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 04/23/25 | 0.21 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 07/29/25 | 0.31 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| MW-7S | 06/20/24 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 10/28/24 | Dry - no sample collected | | | | | | | | | |
| | 01/29/25 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 04/23/25 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 07/29/25 | Dry - no sample collected | | | | | | | | | |
| MW-9 | 06/20/24 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 10/28/24 | Dry - no sample collected | | | | | | | | | |
| | 01/29/25 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| - | 04/23/25 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| - | 07/29/25 | Dry - no sample collected | | | | | | | | | |
| MW-10 | 06/20/24 | 0.82 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 10/28/24 | Dry - no sample collected | | | | | | | | | |
| | 01/29/25 | 1.30 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 04/23/25 | 1.30 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 07/29/25 | Dry - no sample collected | | | | | | | | | |
| Medium Monitoring Wells | | | | | | | | | | | |
| MW-1M | 07/21/00 | 0.8 | 0.45 | 5 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| (231.8 to 229.3) | 11/15/01 | 0.87 | ND (0.20) | 0.95 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 11/20/02 | 0.69 | 0.24 | 0.93 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 11/26/03 (B&C) | 1.91 | 0.52 | 2.74 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/16/06 | 0.65 | 0.25 | 1.2 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 02/14/07 | 0.76 | 0.89 | 6 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 09/24/07 | 0.6 | ND (0.20) | 0.45 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 03/13/08 | 0.6 | 0.39 | 5.9 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 0.32 | ND (0.20) | ND (0.20) |
| | 09/26/08 | 0.49 | ND (0.20) | 0.41 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 09/24/09 | 0.63 | ND (0.20) | 0.5 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/12/10 | 0.43 | ND (0.20) | 2.4 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |

Table 2 (continued). Historical Concentrations of HVOC Detected in Groundwater, Lakewood Towne Center, Lakewood, Washington.

| Well Location | Sample Date | PCE | TCE | cDCE | tDCE | 1,1-DCE | 1,1-DCA | Vinyl Chloride | 1,3-DCB | 1,4-DCB | Chloroform |
|--|----------------|----------------------|----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-------------|------------------------|------------------------|
| MTCA CUL | | 5^a | 5^a | 16^b | 160^b | 400^b | 7.7^b | 0.2^a | – | 8.1^b | 1.4^b |
| SL for VI^c | | 25 | 1.4 | 180 | 77 | 130 | 3.5 | 0.33 | – | 5 | 1.2 |
| Medium Monitoring Wells (continued) | | | | | | | | | | | |
| | 11/18/10 | 0.55 | ND (0.20) | 0.68 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/19/11 | 0.38 | ND (0.20) | 1.2 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 0.26 | ND (0.20) | ND (0.20) |
| | 11/22/11 | 0.42 | ND (0.20) | 0.26 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/24/12 | 0.36 | ND (0.20) | 0.82 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 11/08/12 | 0.63 | ND (0.20) | 0.24 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/04/21 | 0.32 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/03/22 | 0.29 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 06/20/24 | 0.30 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 10/28/24 | 0.42 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 01/29/25 | 0.32 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 04/23/25 | 0.27 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 07/29/25 | 0.33 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| MW-3 | 07/21/00 | 0.69 | ND (0.20) | 1.1 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| (232.2 to 229.7) | 02/12/01 (B&C) | 0.66 | ND (0.20) | 0.23 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/17/01 (B&C) | 0.64 | ND (0.20) | 1.3 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/15/01 | 0.66 | ND (0.20) | 0.88 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 11/15/01 | 0.57 | ND (0.20) | 0.73 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 02/20/02 | 0.66 | 0.31 | 1.3 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/20/02 | 0.52 | ND (0.20) | 0.93 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/19/02 | 0.57 | ND (0.20) | 0.79 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 11/20/02 | 0.57 | ND (0.20) | 0.84 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 0.37 |
| | 02/20/03 | 0.68 | ND (0.20) | 1.1 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/21/03 | 0.5 | ND (0.20) | 0.91 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/21/03 | 0.54 | ND (0.20) | 0.69 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 11/26/03 (B&C) | 0.87 | ND (0.20) | 1.05 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 03/03/04 (B&C) | 0.60 | ND (0.20) | 1.03 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| Decommissioned Prior to May 2024 | | | | | | | | | | | |
| MW-4M | 06/20/24 | 0.32 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 10/28/24 | 0.38 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 01/29/25 | 0.32 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 04/23/25 | 0.34 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 07/29/25 | 0.32 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| MW-5M | 06/20/24 | 0.30 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 10/28/24 | 0.44 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 01/29/25 | 0.21 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 04/23/25 | 0.28 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 07/29/25 | 0.31 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| Deep Monitoring Wells | | | | | | | | | | | |
| MW-1D | 07/21/00 | 0.5 | ND (0.20) | 0.29 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| (208.5 to 206.0) | 11/15/01 | 0.64 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 11/20/02 | 0.52 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 11/26/03 (B&C) | 0.7 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/16/06 | 0.32 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 02/14/07 | 0.24 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 09/24/07 | 0.37 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 03/13/08 | 0.24 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 0.29 | ND (0.20) | ND (0.20) |
| | 09/26/08 | 0.32 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 0.22 |
| | 09/24/09 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/12/10 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 11/18/10 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/19/11 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 0.28 | ND (0.20) | 0.27 |
| | 11/22/11 | 0.24 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/24/12 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 0.21 |
| | 11/08/12 | 0.31 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 0.2 |
| | 08/04/21 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/03/22 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 06/20/24 | 0.20 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 10/28/24 | 0.31 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 01/29/25 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 04/23/25 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 07/29/25 | 0.24 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| MW-2D | 07/21/00 | 0.73 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| (198.1 to 195.6) | 11/16/01 | 1.2 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |

Table 2 (continued). Historical Concentrations of HVOC Detected in Groundwater, Lakewood Towne Center, Lakewood, Washington.

| Well Location | Sample Date | PCE | TCE | cDCE | tDCE | 1,1-DCE | 1,1-DCA | Vinyl Chloride | 1,3-DCB | 1,4-DCB | Chloroform |
|--|----------------|----------------------|----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|-------------|------------------------|------------------------|
| MTCA CUL | | 5^a | 5^a | 16^b | 160^b | 400^b | 7.7^b | 0.2^a | – | 8.1^b | 1.4^b |
| SL for VI^c | | 25 | 1.4 | 180 | 77 | 130 | 3.5 | 0.33 | – | 5 | 1.2 |
| Deep Monitoring Wells (continued) | | | | | | | | | | | |
| | 11/21/02 | 1.2 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 11/26/03 (B&C) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/17/06 | 4.5 | 0.28 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 02/14/07 | 0.78 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 09/24/07 | 0.45 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 03/13/08 | 0.39 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 0.29 | ND (0.20) | ND (0.20) |
| | 09/26/08 | 0.41 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 09/24/09 | 2.2 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/12/10 | 0.41 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 11/18/10 | 0.71 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/19/11 | 0.45 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 0.41 | ND (0.20) | ND (0.20) |
| | 11/22/11 | 0.61 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 05/24/12 | 0.36 | ND (0.20) | ND (0.50) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 11/08/12 | 0.53 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/04/21 | 0.54 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 08/03/22 | 0.60 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 06/20/24 | 0.43 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 10/28/24 | 0.65 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 01/29/25 | 0.56 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 04/23/25 | 0.54 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 07/29/25 | 0.51 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| MW-8D | 06/20/24 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 10/28/24 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 01/29/25 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 04/23/25 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| | 07/29/25 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |

Notes:

All results shown in micrograms per Liter (ug/L)

^a MTCA Method A Cleanup Level for Groundwater from WAC 173-340 Table 720-1.

^b MTCA Method B Cleanup Level for Groundwater for Noncancer or Cancer, whichever is lower, from Department of Ecology Master CLARC tables, February 2024.

^c MTCA Method B Groundwater Screening Level (SL) for Vapor Intrusion (VI), for Cancer or Noncancer, whichever is lower, from Department of Ecology Master CLARC tables, February 2024.

The monitoring well screened elevations are shown in parentheses under the well location. Elevation is relative to NAVD88.

Samples were collected by Herrera Environmental Consultants, unless otherwise indicated.

B&C Samples collected by Brown and Caldwell.

ND Not detected. Laboratory reporting limit (RL) is shown in parentheses.

Values shown in **bold** were detected above the laboratory RL.

Values shown in **bold** and shaded in gray were detected above the indicated MTCA CUL.

Values shown in **bold** and shaded in orange were detected above the indicated SL for VI.

Values shown in **bold** and shaded in muted orange were detected above both the indicated MTCA CUL and SL for VI.

PCE Tetrachloroethylene TCE Trichloroethylene cDCE cis-1,2-Dichloroethene tDCE trans-1,2-Dichloroethene
 1,1-DCE 1,1-Dichloroethene 1,1-DCA 1,1-Dichloroethane 1,4-DCB 1,4-Dichlorobenzene 1,3-DCB 1,3-Dichlorobenzene
 TOC Total organic carbon BOD Biological oxygen demand TKN Total Kjeldahl nitrogen

– Not available.

Table 3. Summary of CVOCs Detections and Groundwater Geochemistry, Lakewood Towne Center, Lakewood, Washington.

| Well Location | Sample Date | HVOCs | | | | | | Geochemical Parameters | | | | | | | | | | | | | | Field Parameters | | | | | | | | | | | | | |
|---|-------------|-------|-----------|-----------|-----------|----------------|------------|------------------------|-----------------|-----------|---------|-----------|-----------|-----------|----------|------------|---------|-------------------|---------|----------------|--------|------------------|--------|------------|-------------------|-------------|----------|--------|-----------|-------|---|---|---|---|---|
| | | PCE | TCE | cDCE | tDCE | Vinyl Chloride | Metals | | Dissolved Gases | | | | TOC | Sulfate | Nitrate | Nitrite | Ammonia | Nitrate + Nitrite | TKN | Total Nitrogen | BOD | Total Phosphorus | pH | Temp (°C) | Sp. Cond. (µS/cm) | D.O. (mg/L) | ORP (mV) | | | | | | | | |
| | | | | | | | Iron Total | Dissolved Ferrous | Total | Dissolved | Methane | Ethane | | | | | | | | | | | | | | | | Ethene | Acetylene | | | | | | |
| MTCA CUL | | 5a | 5a | 16b | 160b | 0.2a | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SL for VI ^c | | 25 | 1.4 | 180 | 77 | 0.33 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| Shallow Monitoring Wells | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MW-1S | 06/20/24 | 0.67 | 0.99 | 1.5 | ND (0.20) | 0.26 | 66 | ND (56) | ND (150) | 140 | 140 | 4.7 | ND (0.56) | ND (0.58) | ND (3.1) | 1,900 | 28,000 | 1,700 | 20 | 56 | 1,440 | 500 | 1,940 | ND (2,000) | 16 | 5.67 | 19.6 | 271 | 0.9 | 204 | | | | | |
| September 12 and 13, 2025 Groundwater Treatment | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/28/24 | 1.2 | 1.5 | 3.5 | ND (0.20) | 0.76 | 1200 | 470 | 0.155 | 580 | 550 | 2.3 | ND (0.56) | ND (0.58) | ND (3.1) | 38,000 | 24,000 | 850 | ND (20) | 8,000 | 775 | 42,200 | 43,000 | 2,000 | 930 | 8.2 | 16.1 | 385.2 | 26.8 | 186.3 | | | | | |
| | 01/29/25 | 0.90 | 0.38 | 0.76 | ND (0.20) | ND (0.20) | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5.87 | 13 | 382 | 0.23 | 175.6 | | | | | |
| | 04/23/25 | 0.63 | 1.5 | 2.6 | 0.26 | 0.53 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5.62 | 10.8 | 103 | 0.52 | 41.8 | | | | | |
| | 07/29/25 | 1.3 | 1.3 | 2.5 | ND (0.20) | 0.53 | 58 | ND (56) | - | 380 | 340 | 6.2 | ND (0.56) | ND (0.58) | ND (3.1) | 2,500 | 23,000 | 20,000 | 77 | 2,300 | 20,000 | 4,010 | - | 3,200 | 240 | 5.62 | 15.4 | 469 | 0.41 | 151.8 | | | | | |
| Medium Monitoring Wells | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MW-1M | 06/20/24 | 0.30 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | 81 | ND (56) | ND (150) | ND (10) | ND (11) | 0.84 | ND (0.56) | ND (0.58) | ND (3.1) | ND (1,000) | 5,700 | 2,300 | ND (20) | ND (53) | 2,280 | 840 | 3,120 | ND (2,000) | 46 | 6.19 | 15.2 | 145 | 7.6 | 187 | | | | | |
| | 10/28/24 | 0.42 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (50) | ND (56) | 0.15 | ND (10) | ND (11) | ND (0.55) | ND (0.56) | ND (0.58) | ND (3.1) | ND (1,000) | 5600 | 2,000 | ND (20) | ND (53) | 2,020 | 510 | 2,540 | ND (2,000) | 48 | 10.67 | 14.6 | 143.7 | 7.85 | 176 | | | | | |
| | 01/29/25 | | | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.2 | 12.9 | 137.4 | 7.73 | 173.2 | | | | | |
| | 04/23/25 | | | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.97 | 13.2 | 187 | 3.29 | 143.3 | | | | | |
| | 07/29/25 | 0.33 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (50) | ND (56) | - | ND (10) | ND (11) | ND (0.55) | ND (0.56) | ND (0.58) | ND (3.1) | ND (1,000) | 6,000 | 2,000 | ND (20) | ND (53) | 2,000 | 400 | - | ND (2,000) | 45 | 5.8 | 14.6 | 152.2 | 7.2 | 241.3 | | | | | |

Notes:

- All results are shown in micrograms per liter (µg/L).
- Halogenated volatile organic compounds (HVOCs) analyzed by EPA Method 8260.
- Total and dissolved iron and manganese analyzed by EPA Method 6010D.
- Ferrous iron analyzed by SM3500-Fe B.
- Dissolved gases analyzed by RSK 175
- Total organic carbon (TOC) analyzed by SM 5310B.
- Sulfate analyzed by ASTM D516-11.
- Nitrate and nitrite (as Nitrogen) analyzed by EPA 353.2.
- Ammonia (as Nitrogen) analyzed by SM 4500-NH3 D.
- Total Nitrate + Nitrite analyzed by EPA 351.2_2+1993.
- Total Kjeldahl nitrogen (TKN) analyzed by PA 351.2_2_1993.
- Phosphorus (total) analyzed by EPA Method 365.1.



- ^a MTCA Method A Cleanup Level for Groundwater from WAC 173-340 Table 720-1.
- ^b MTCA Method B Cleanup Level for Groundwater for Noncancer or Cancer, whichever is lower, from Department of Ecology Master CLARC tables, February 2024.
- ^c MTCA Method B Groundwater Screening Level (SL) for Vapor Intrusion (VI), for Cancer or Noncancer, whichever is lower, from Department of Ecology Master CLARC tables, February 2024.

The monitoring well screened elevations are shown in parentheses under the well location. Elevation is relative to NAVD88.

ND Not detected. Laboratory reporting limit (RL) is shown in parentheses.

Values shown in **bold** were detected above the laboratory RL.

Values shown in **bold** and shaded in gray were detected above the indicated MTCA CUL.

Values shown in **bold** and shaded in orange were detected above the indicated SL for VI.

PCE Tetrachloroethylene

TOC Total organic carbon

Temp. Temperature in degrees Celsius (°C).

Sp. Cond. Specific conductivity in microSiemens per centimeter (µS/cm)

D.O. Dissolved oxygen in milligrams per liter (mg/L).

ORP Oxidation reduction potential in millivolts (mV).

– Not available.

Conceptual Site Model

The preliminary conceptual site model (CSM) for the site is based on investigation data collected from 2000 to 2027. The data indicate that PCE, a dry-cleaner solvent, and associated HVOCs have been detected in groundwater in the north-central portion of the site, migrating to the west from the main source area near the former Plaza Cleaners (1968–1987) location.

Based on review of data since monitoring began in 2000, contaminants of concern detected in groundwater at the Lakewood Towne center site include PCE, TCE, cDCE, tDCE, 1,1-DCE, 1,1-DCA, 1,3-DCB, VC, and chloroform. Groundwater sample results indicate that groundwater concentrations of PCE and associated HVOCs detected above the applicable cleanup levels have been restricted to the shallow groundwater zone and are generally decreasing. Results of the 2021, 2022, 2024, and 2025 groundwater sampling events indicate that all HVOCs previously detected in groundwater, in concentrations above the applicable CULs, have since decreased to concentrations below those CULs, with the exception of VC in groundwater from MW-1S. VC in groundwater from MW-1S was detected in 2021, 2022, 2024, and 2025 at continually decreasing concentrations of 1.3 µg/L, 0.81 µg/L, 0.26 µg/L, respectively (see Table 2).

Groundwater at the site is not currently used—and will not be used in the future—as a drinking water source. There is no indication that any vadose zone soil contamination in the source area of the site is contributing to HVOCs leaching to the underlying saturated zone soils and/or groundwater. Decreasing concentrations of HVOCs in groundwater also indicate there is no residual source area contamination contributing to the groundwater plume. The Site is located outside of the 10-year groundwater travel time for any wellhead protection areas.

Groundwater Chemistry

This section evaluates aquifer conditions within the treatment zone following remediation efforts conducted in September 2024, which involved the injection of 2,500 gallons of a 4 percent hydrogen peroxide solution enriched with total Kjeldahl nitrogen (TKN) and phosphorus-rich micronutrients into monitoring well MW-1S. Data sources include groundwater analyses in MW-1S and MW-1M from the baseline sampling round conducted in June 2024, as well as four quarterly post-injection sampling rounds (referred to as Post-1 through Post-4) completed in October 2024, and January, April, and July 2025, respectively.

Monitored parameters encompass:

- Field parameters: dissolved oxygen (DO), oxidation-reduction potential (ORP), and pH
- Geochemical indicators: sulfate, nitrate, dissolved and total iron, manganese, TKN, total phosphorus, total organic carbon (TOC), methane, ethene, and ethane
- Constituents of concern: volatile organic compounds (VOCs), with a focus on VC

Additionally, microbial community dynamics were assessed using quantitative polymerase chain reaction (qPCR) array performed in July 2025. This analysis targeted aerobic and anaerobic chlorinated ethene degraders to inform site management strategies and evaluate biological activity within the treatment zone.

Field Parameters

Prior to injection activities, field parameters in monitoring wells MW-1S and MW-1M indicated conditions favorable for aerobic microbial activity. Although the pH in MW-1S was relatively low at 5.67, dissolved oxygen (DO) and oxidation-reduction potential (ORP) levels—0.9 mg/L and 204 mV, respectively—suggest that the observed reductions in VC concentrations over time are potentially attributable to aerobic biodegradation.

The hydrogen peroxide injection was intended to oxidize dissolved VC upon direct contact, and its decomposition into oxygen gas was expected to temporarily elevate DO levels in the treatment zone. Additionally, the ammonia content in the micronutrient mixture had the potential to slightly increase pH levels.

Post-injection data from the October 2024 Post-1 sampling round confirmed the anticipated spike in DO levels; however, DO subsequently returned to baseline conditions (see Figure 4). Other field parameters remained relatively stable, with the exception of a drop in ORP observed in MW-1S during the April 2025 Post-3 sampling round. MW-1M data remained generally consistent, aside from a pH increase during Post-1, which may be attributed to equipment malfunction.

Overall, results indicate that the injection primarily and temporarily affected MW-1S, with DO changes attributed to injections rather than indicative of a broader regional shift. No significant contrast in ORP levels between MW-1S and MW-1M indicate limited modification of conditions with injections. A reevaluation of field parameters after reviewing geochemical, CoC, and microbial indicators is essential to accurately assess treatment performance.

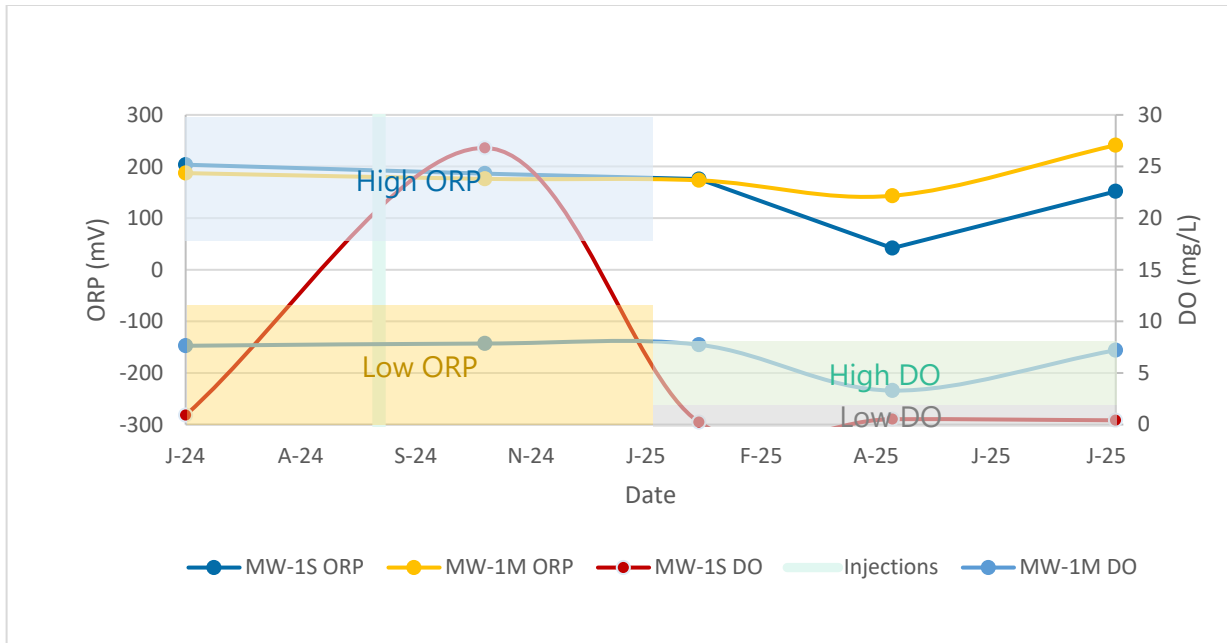


Figure 4. Field Parameters Recorded During Groundwater Monitoring, June 2024 through July 2025, Lakewood Towne Center Site.

Geochemical Indicators

Evaluating geochemical conditions prior to remediation establishes a critical baseline for interpreting post-injection changes and identifying dominant terminal electron-accepting processes (TEAPs) in the subsurface (see Figure 5). As discussed in the previous section, the oxidation-reduction potential (ORP) is a key indicator in this assessment: elevated ORP values typically reflect aerobic conditions, while negative ORP values are indicative of anaerobic or methanogenic processes. The electrochemical potential hierarchy illustrated in Figure 5 demonstrates the relationship between ORP and TEAPs, along with representative electron acceptors utilized during microbial metabolism.

In addition to field parameters such as dissolved oxygen (DO) and ORP, this analysis incorporates geochemical indicators—specifically, reductions in nitrate and sulfate concentrations, and increases in dissolved iron or methane—as evidence of a transition toward more reducing conditions within the treatment zone.

Across all sampling rounds, DO, ORP, sulfate, and manganese levels remained relatively stable in both MW-1S and MW-1M. Nitrate levels increased in MW-1S during the Post-3 sampling round, potentially reflecting the aerobic conversion of added ammonia to nitrate. Dissolved iron concentrations were generally stable, except for a notable increase in both dissolved and total iron in MW-1S during the Post-1 sampling round, which could be related to hydrogen peroxide injections. Methane concentrations in MW-1S remained consistent, while methane was only detected during the baseline sampling in MW-1M. Assuming MW-1M represents background conditions, these findings suggest that the injection did not significantly alter the redox state of the aquifer.

The nutrient formulation included nitrogen (as ammonia) and phosphorus, and elevated concentrations of these constituents in MW-1S confirm successful delivery and persistence of nutrients in the subsurface. Ensuring the availability of limiting nutrients is essential for supporting microbial recovery following hydrogen peroxide injection, thereby enhancing the potential for aerobic (co)metabolic biodegradation of VC. However, the nutrient addition did not result in a measurable increase in pH, which is important for optimizing biodegradation efficiency.

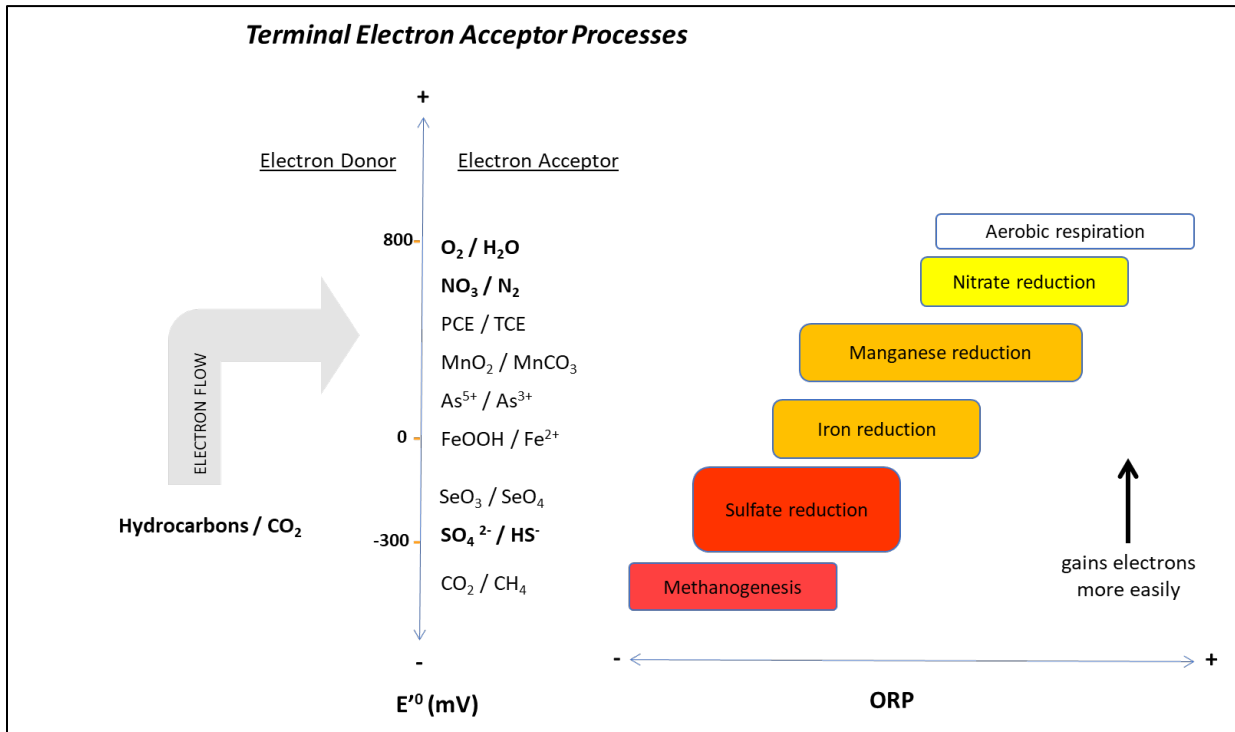


Figure 5. Terminal Electron Acceptor Processes.

Total Organic Carbon (TOC) is another critical parameter influencing TEAPs in aquifers. Elevated TOC concentrations (typically >20 mg/L) can accelerate the depletion of electron acceptors, leading to reduced ORP values and promoting anaerobic conditions. The baseline TOC concentration in MW-1S, measured at 38 g/L, was sufficiently high to support anaerobic microbial activity and a decrease in ORP (see Figure 6). The elevated ORP readings may reflect averaged conditions across the screened interval, potentially obscuring localized anaerobic zones.

The observed decrease in TOC following injections may be attributed to the oxidative effects of hydrogen peroxide on organic matter, as well as aerobic microbial consumption of TOC and added oxygen. Nevertheless, TOC levels were not sustained above the threshold (~20 mg/L) required to drive significant nitrate or sulfate reduction, nor were they associated with a corresponding decline in ORP values.

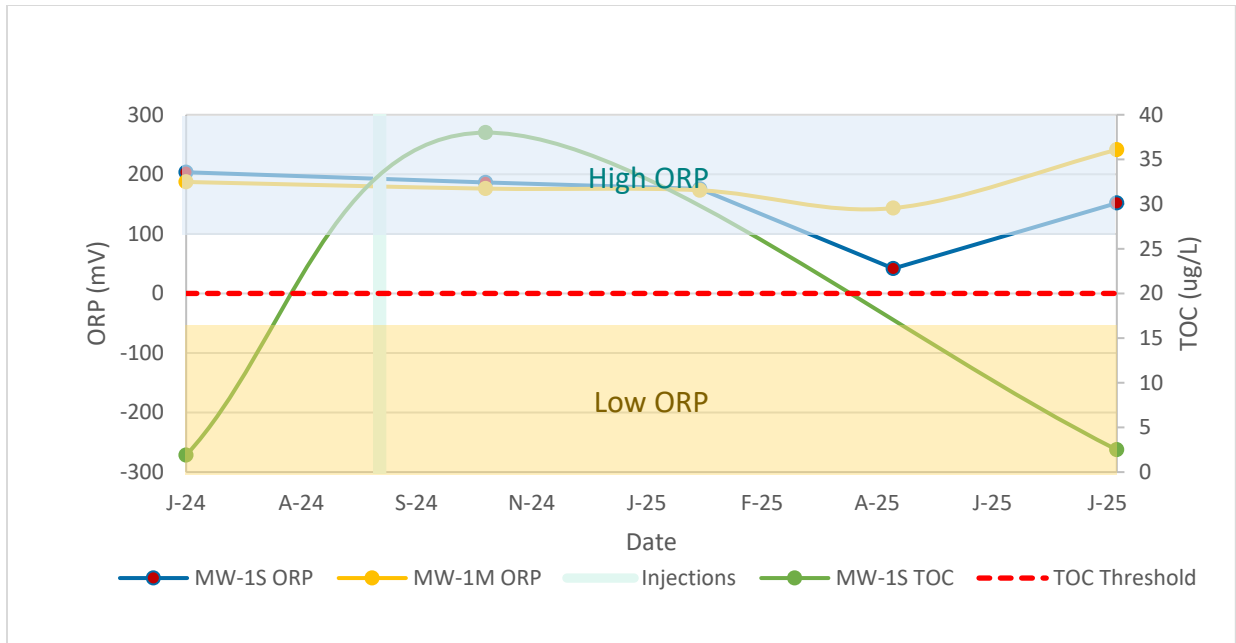


Figure 6. ORP Trends, June 2024 through July 2025, Lakewood Towne Center Site.

Constituents of Concern

Evaluating chlorinated ethene concentration trends is essential for assessing remediation effectiveness and forecasting the potential to reduce VC concentrations to meet regulatory standards. This section reviews VC concentrations in relation to other detected chlorinated ethenes across performance monitoring events to inform remediation outcomes and guide updates to the site management strategy.

As illustrated in Figure 7, VC concentrations across the four post-injection sampling rounds remained within the same order of magnitude as baseline levels and exceeded regulatory limits—except during the April 2025 Post-3 sampling round, when VC was not detected. Since VC is a known byproduct of anaerobic biodegradation of dichloroethene (DCE), and hydrogen peroxide may have reacted with various organic compounds including other chlorinated ethenes, it is necessary to evaluate trends in the broader suite of chlorinated ethenes.

Chlorinated ethene concentrations from all five sampling rounds are presented in the table below in micromoles per liter ($\mu\text{mol/L}$). While VC is the only compound exceeding regulatory thresholds, molar analysis reveals that VC accounts for approximately 13-18 percent of the total detected chlorinated ethene mass. Similar concentration trends were observed for most chlorinated ethenes, with the exception of trans-DCE, which showed a relative increase during the April 2025 Post-3 sampling round. This spike may be attributed to abiotic degradation of trichloroethene (TCE), potentially facilitated by elevated iron levels following hydrogen peroxide injection, especially as DO levels declined.

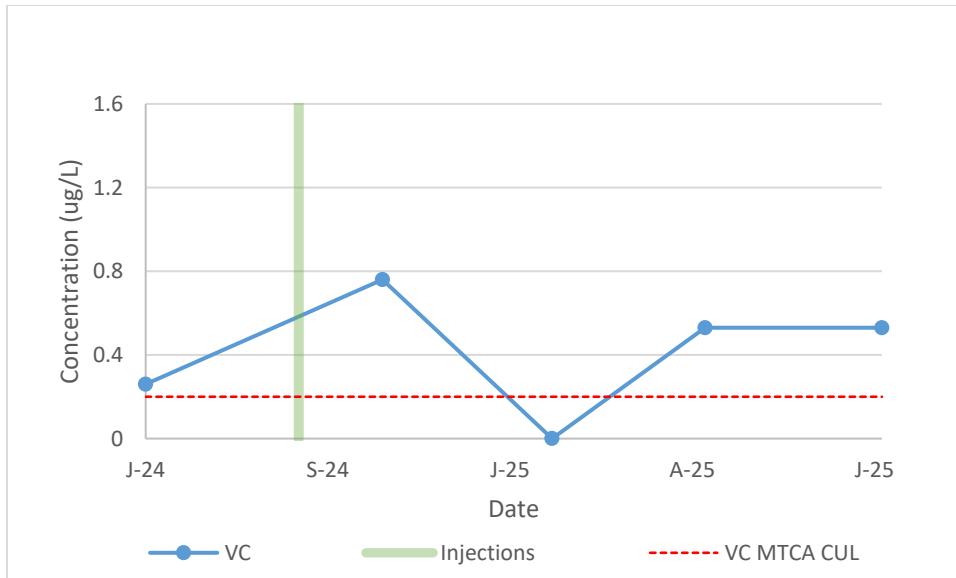


Figure 7. VC Concentrations at MW-1S, June 2024 through July 2025, Lakewood Towne Center Site.

Overall, the consistent concentration trends across chlorinated ethene species suggest that the hydrogen peroxide injection had a limited oxidative impact on the contaminant mass. As illustrated in Figure 8 and Figure 9, the ratios of chlorinated ethenes during the April 2025 Post-3 sampling round returned to baseline proportions, indicating a characteristic contaminant flux into MW-1S rather than a sustained treatment effect.

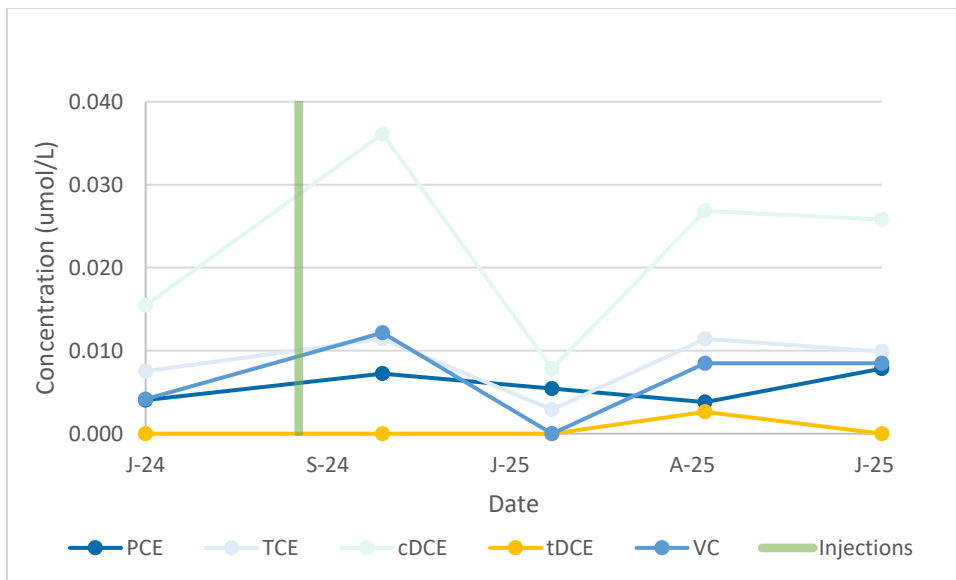


Figure 8. Chlorinated Ethenes Concentrations at MW-1S, June 2024 Through July 2025, Lakewood Towne Center Site.

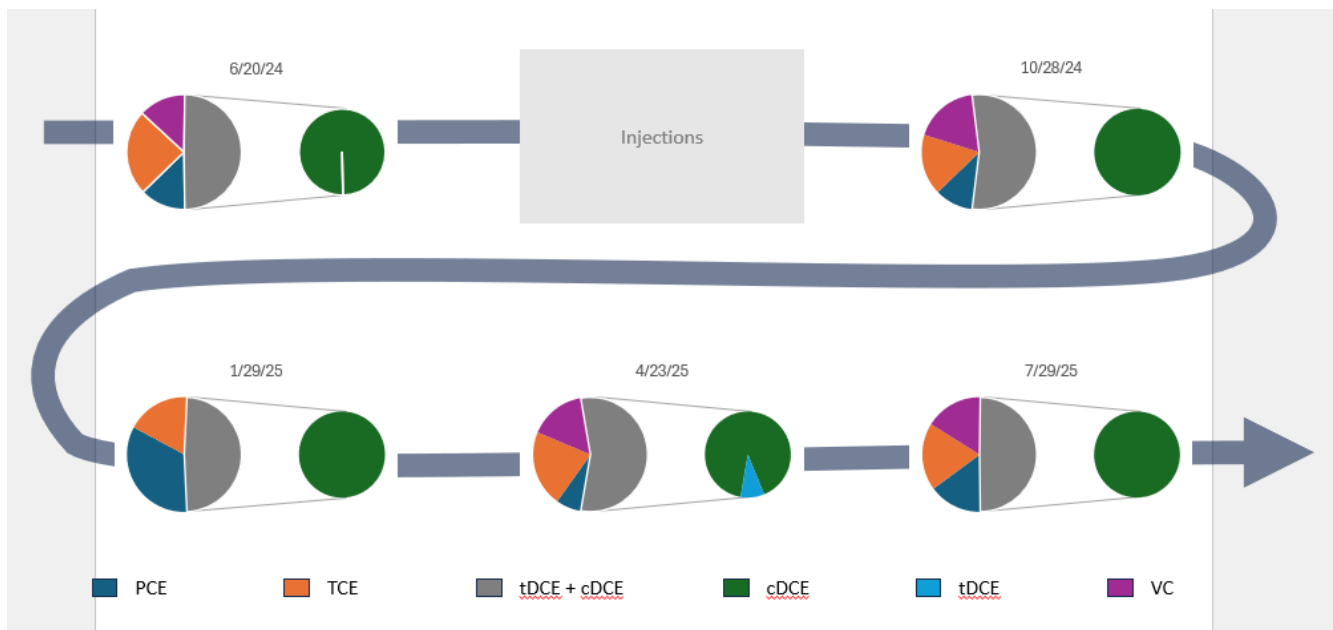


Figure 9. Ratios of Chlorinated Ethenes Detected at MW-1S, June 2024 through July 2025, Lakewood Towne Center Site.

Microbial Assessment

A 32-target digital PCR array was used to quantify microbial populations and functional genes associated with reductive, aerobic, and biogeochemical dechlorination processes. Key targets included total prokaryotes and sulfate-reducing bacteria (quantified via qPCR), as well as *Dehalogenimonas*, *Sulfurospirillum*, and methanogenic groups. Methanogens were notably abundant, comprising over 0.6% of the total microbial population—consistent with the observed dissolved methane concentrations over time. Methanogenesis typically occurs under strongly reducing conditions, suggesting that MW-1S may capture both aerobic and discrete anaerobic zones within the aquifer.

Additional detected targets included *Dehalogenimonas* (DHGD) and *Sulfurospirillum* (SSPD), which represent organohalide-respiring bacteria capable of reducing VC, and PCE and TCE, respectively, under anaerobic conditions. The presence of DHGD may reflect upgradient breakdown of chlorinated ethanes such as 1,2-DCA. While DHGD typically expresses the *cerA* gene during VC degradation, the absence of *cerA* in this assay suggests that DHGD may instead be active in degrading tDCE, which was temporarily elevated during the April 2025 Post-3 sampling round.

Overall, the microbial assay results indicate that establishing and maintaining anaerobic conditions would be more favorable for promoting complete reductive dechlorination of VC and other chlorinated ethenes. Continued monitoring of TOC, pH, and key functional genes—particularly those linked to anaerobic dechlorination activity—will be essential for evaluating treatment progress and optimizing site management strategies.

Conclusions and Recommendations

The lack of aerobic VC-degrading genes which were not detected in the microbial population during the July 2025 quarterly sampling event, indicates that aerobic biodegradation or co-metabolism was not sustained following the June 2024 groundwater treatment, and aerobic biodegradation is not currently active in the vicinity of MW-1S at the Site. In contrast, the co-occurrence of methane, and methanogenic bacteria populations detected in groundwater at the Site suggests good potential for anaerobic VC degradation (also referred to as reductive dechlorination).

Herrera and Tersus recommend additional groundwater treatment at the site using an anaerobic bioremediation strategy to elevate total organic carbon (TOC), drive the aquifer into a reducing state, deplete nitrate and sulfate, and promote stepwise dechlorination of chlorinated ethenes to ethene. Appendix D includes a quote from Tersus for specific products, and project support services to support the groundwater treatment approach that involves the following:

- Co-injecting an organic carbon source (e.g., an emulsified vegetable oil based organic substrate such as Tersus EDS-ER™), with a bioaugmentation culture rich in *Dehalococcoides mccartyi* (DHC) and *Dehalobacter* (DHB) bacteria (such as KB-1® Plus Culture with KB-1® Primer to remove chlorine and oxygen from the injection water),
- Adding nutrients to stimulate the anaerobic bacteria (i.e., Nutrimens® Liquid),
- Adding an EtOH/MeOH alcohol blend consisting of ethanol, methanol, and n-propyl alcohol, to help spread the organic carbon source through soils for a wider radius of influence (ROI),
- And adding potassium hydroxide as a pH adjustment.

To evaluate the effectiveness of this strategy and ensure regulatory compliance, it is also recommended to:

- Monitor TOC, ORP, and pH to confirm continued suitable geochemical conditions,
- Track functional genes associated with anaerobic VC degradation (e.g., *tceA*, *vcrA*, *bvcA*, *cerA*), and
- Conduct compound-specific isotope analysis ($\delta^{13}\text{C}$ -VC) and monitor ethene production as lines of evidence for VC degradation.

Groundwater treatment should be performed using a drill rig (e.g., a direct-push rig) to complete soil borings at five locations immediately upgradient of MW-1S (to the east/northeast), with borings placed approximately 7 feet apart with overlapping ROI of approximately 5 feet, and the treatment solution injected in the saturated zone between 10- to 15-foot bgs. Following groundwater treatment, quarterly groundwater samples should continue to be collected from MW-1S, and other Site monitoring wells to evaluate the effectiveness of the treatment and determine if residual VC concentrations have dropped below the MTCA Method A cleanup level for a minimum of four consecutive quarters, with additional monitoring subject to input from the Ecology VCP manager.

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Appendix A

Field Notes

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9/11/24 Lakewood Towne Ctr.
George Iftner

07:30 Met Kasey + Don with HOLOCENE
Drilling onsite to discuss the
proposed injection work for
Hydrogen peroxide and Tersox
Nutrients. Reviewed SDS
sheets and health and safety
plans and WORK PLAN

HOLOCENE will re-inspect
all equipment for incompatible
materials/metals:

- Galvanized pipe + iron
- copper alloys
- reducing agents per the SDS

09:15 off site today

9/12/24 LAKEWOOD TOWNE CTR
George Iftner

08:00 onsite and contacted
Ken with LTL security to
open storage room in alley
and old Old Country Buffet.

08:30 reviewed HASP and held
Safety Mtg. with Don and
Kasey of Holocene Drilling.

09:00 Filling 3 new 300 gal. plastic
toes w/ Tap water.

- Filling up to 200-gal. mark
- Mix portion of 53-gal. drum of
Hydrogen peroxide and 23 lbs
powder of Tersox Nutrients into
each tote.

10:15 Don reviewed setup of air
compressor, lines, valves, and
pumps and gauges and PPE,
Safety glasses, chemical resistant
gloves, face shield, emergency
eye wash kit, 1st aid kit.

- mix per 12 totes: about 4.5 gal
of HP, 2 lbs Nutrients, 200+ gal.
water

9/12/24 LAKEWOOD TOWNE CTR

Equip. Air compressor + hoses,
Trailer with 3 New clean
poly totes, puddle mixer,
stainless steel, non-galvanized
fittings, scale to measure
Tersox Nutrients powder, and
5-gallon buckets to transfer
HP ~~in~~ from 55-gal drum to
300-gal totes.

10:30 Starting to inject at MW-15
1st tote. No upwelling,
observed ~~at~~ in adjacent area.

11:00 Start pumping tote #2, pumping
rate approx. 5-6 gpm.

11:30 starting pumping tote #3

12:00 Refilling tanks with water.

12:55 pumping Tote #4

13:15 pumping Tote #5

13:40 pumping tote #6.

14:00 Refilling water totes + Lunch

15:00 Pumping tote #7. No upwelling
has been observed in grass or
pavement near MW-15.

9/12/24 LAKEWOOD TOWNE CENTER

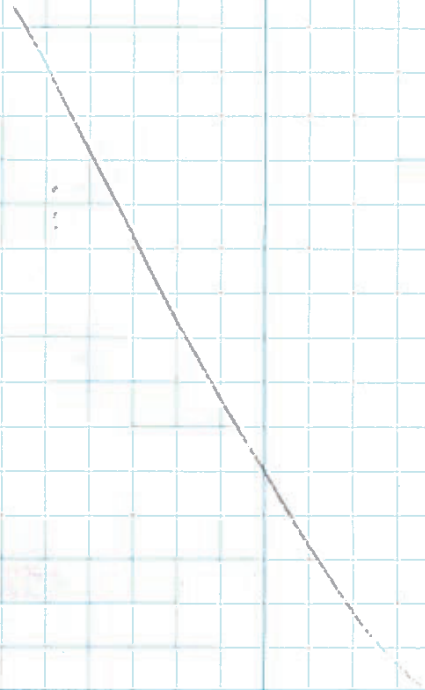
Sunny, light showers this morning.

15:25 pumping Tote #8

15:45 pumping Tote #9

16:10 packing up. will complete
injection work tomorrow.

16:35 offsite



9/13/24 LAKEWOOD TOWNE CTR
George Ifthor

06:45 Departed Seattle

07:30 Onsite. Set out Safety Cones.

Contacted LTC Mall Security.
Health + Safety briefing with the
drillers Don + Dakota w/Hobocene
drilling.

07:45 Filling 3 totes w/230 gallons
water, then mix in Hydrogen
peroxide + Tersox nutrients.

08:45 Setting up equipment at
MW-15.

09:15 pumping #10 Tote of 12.

No upwelling observed

09:40 pumping tote #11

10:05 pumping tote #12

No concerns.

10:40 Finished pumping Tote #12

11:00 - 11:30 packing up equipment.

12:00 offsite.

GROUNDWATER SAMPLING LOG

| | | |
|-------------------------------------|------------------------------------|---------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/28/2024 |
| Well No.: MW-215 | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 15.00 12.29 | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: G. Jfther | Notes: Turbidity not working. | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-------|--|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 13:13 | Start Purge | | | | | | | |
| 13:15 | 7.65 | 16.4 | 470.6 | 21.83 | 169.1 | Not working | 12.30 | clear, colorless, odorless |
| 13:20 | 7.99 | 16.3 | 428.4 | 25.18 | 175.0 | ↓ | | |
| 13:25 | 8.01 | 16.2 | 424.3 | 25.53 | 176.0 | ↓ | | |
| 13:30 | 8.15 | 16.2 | 404.7 | 26.2 | 181.4 | ↓ | 12.30 | clear, colorless, odorless |
| 13:35 | 8.19 | 16.1 | 386.9 | 26.73 | 185.9 | ↓ | | |
| 13:40 | 8.20 | 16.1 | 385.2 | 26.78 | 186.3 | ↓ | | |
| 13:45 | Sample collected. Well running dry. Waiting for recharge. (12.30) same | | | | | | | |
| 14:30 | Sampled after tubing unclogged | | | | | | | |
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Type of Samples Collected for Laboratory Analysis:

HVOCs + MNA param esters water for the MNA

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

| | | |
|-------------------------------|------------------------------------|---------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/28/2024 |
| Well No.: MW-1M | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 12.39 | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: G. Iffrey | Notes: | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes | |
|-------|--------------------|---------------|------------------|------------------------------|-------------|----------------|---------------------|----------------------------|-------|
| 15:10 | Start Purge | | | | | | | | |
| 15:15 | 10.70 | 14.7 | 144.2 | 8.14 | 158 | Not working | 12.36 | clear, colorless, odorless | |
| 15:20 | 10.65 | 14.7 | 144.2 | 8.04 | 162 | | | | |
| 15:25 | 10.61 | 14.7 | 144.0 | 7.94 | 166 | | | | |
| 15:30 | 10.65 | 14.7 | 143.8 | 7.87 | 171 | | | 12.36 | " " " |
| 15:35 | 10.67 | 14.6 | 143.7 | 7.86 | 173 | | | | |
| 15:40 | 10.67 | 14.6 | 143.7 | 7.85 | 176 | | | | |
| 15:45 | Sample collected | | | | | | X | 12.36 | " " " |
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Type of Samples Collected for Laboratory Analysis:
 HVOCs + MNA parameters

Well Casing Volumes:
 Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.



GROUNDWATER SAMPLING LOG

| | | |
|---------------------------------|-------------------------------------|---------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/28/2024 |
| Well No.: MW-1D | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 12.52 | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: B. J. J. J. | Notes: Turbidity sensor not working | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-------|--------------------|---------------|------------------|------------------------------|-------------|----------------|---------------------|----------------------------|
| 16:08 | Start Purge | | | | | | | |
| 16:12 | 10.90 | 14.0 | 141.2 | 9.14 | 165.7 | Not working | | clean, colorless, odorless |
| 16:15 | 10.74 | 13.9 | 141.2 | 9.06 | 168.7 | | 12.55 | |
| 16:20 | 10.36 | 14.0 | 141.2 | 8.99 | 171.2 | | | |
| 16:25 | 10.35 | 14.0 | 141.2 | 8.94 | 174.3 | | | |
| 16:30 | 10.37 | 13.8 | 141.1 | 8.95 | 175.9 | | 12.55 | |
| 16:35 | 10.35 | 13.8 | 141.1 | 8.94 | 177.2 | | | |
| 16:40 | collected sample | | | | | ↓ | 12.55 | |
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Type of Samples Collected for Laboratory Analysis:

HVOCs *only*

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

| | | |
|------------------------------|------------------------------------|---------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/28/2024 |
| Well No.: MW- 514 | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC 2D | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 10.94 | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: SZ | Notes: | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|------|-----------------|------------|---------------|---------------------------|----------|-------------|------------------|------------------------|
| 1:15 | Start Purge | | | | | | | |
| 1:19 | 6.90 | 13.2 | 208.9 | 4.44 | 161.3 | 64.90 | — | Turbid, grayish cloudy |
| 1:23 | 6.89 | 13.2 | 208.6 | 3.82 | 161.9 | 122.65 | — | |
| 1:27 | 6.88 | 13.1 | 208.4 | 3.59 | 161.1 | 79.62 | 11.07 | Cloudy gray |
| 1:31 | 6.87 | 13.1 | 207.8 | 3.53 | 163.0 | 39.20 | | |
| 1:35 | 6.87 | 13.0 | 207.8 | 3.48 | 163.2 | 28.40 | 17 | |
| 1:39 | 6.89 | 13.0 | 207.6 | 3.45 | 163.9 | 24.10 | 11.10 | Slightly turbid. |
| 1:43 | 6.86 | 13.0 | 207.5 | 3.46 | 164.5 | 17.73 | — | |
| 1:47 | 6.85 | 13.0 | 207.4 | 3.50 | 165.1 | 15.44 | — | |
| 1:50 | | | | | | | 11.10 | Samples taken |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

| | | |
|---------------------------|------------------------------------|---------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/28/2024 |
| Well No.: MW-4 | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 13.85 | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: SZ | Notes: | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-------|-----------------|------------|---------------|---------------------------|----------|-------------|------------------|------------------|
| 11:50 | Start Purge | | | | | | | |
| 11:54 | | | | | | | | Brown, turbid |
| 11:58 | 6.09 | 15.3 | 205.1 | 4.50 | 152.8 | 7.45 | 13.78 | |
| 12:02 | 6.09 | 15.4 | 204.1 | 3.81 | 152.5 | 2.37 | — | |
| 12:06 | 6.09 | 15.4 | 204.1 | 3.57 | 159.4 | 16.56 | — | Clear, colorless |
| 12:10 | 6.09 | 15.4 | 203.5 | 3.55 | 155.9 | 8.51 | 13.78 | |
| 12:14 | 6.09 | 15.5 | 203.6 | 3.49 | 157.9 | 33.50 | — | |
| 12:18 | 6.09 | 15.4 | 203.0 | 3.52 | 160.4 | 11.69 | — | Clear, colorless |
| 12:22 | 6.09 | 15.5 | 203.3 | 3.51 | 160.9 | 9.89 | 13.79 | |
| 12:26 | 6.09 | 15.4 | 203.3 | 3.46 | 161.2 | 10.80 | — | Clear, colorless |
| 12:30 | | | | | | | | Samples taken |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1 1/4" = 0.077 1 1/2" = 0.10 2" = 0.16 2 1/2" = 0.24 3" = 0.37 3 1/2" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

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|--|--|--|--|----------------------------------|--|
| Project No.: 21-07668-003 | | Site: Lakewood Towne Center | | Date: 10/28/2024 | |
| Well No.: MW-154M | | Screen Length: 5 feet | | Well Diameter: 2" | |
| Casing Type: PVC | | Sampling Device: Peristaltic pump | | Tubing Type: polyethylene | |
| Water Level: 12.20 15.00 | | | Measuring Point: Top of PVC Casing | | |
| Sampling Personnel: G. Ifthar | | | Notes: Turbidity on VSI Pro DSS not working | | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-------|--------------------|---------------|------------------|------------------------------|-------------|----------------|------------------|------------------------------|
| 11:35 | Start Purge | | | | | | | |
| 11:40 | 5.82 | 13.4 | 142.0 | 8.98 | 202 | Not Working | | clear, color less, odor less |
| 11:44 | 5.87 | 13.4 | 142.2 | 9.21 | 201 | ✓ | 14.97 | " " " |
| 11:48 | 5.85 | 13.3 | 141.8 | 9.85 | 202 | ✓ | | |
| 11:52 | 5.86 | 13.3 | 141.5 | 10.03 | 202 | ✓ | | |
| 11:56 | 5.84 | 13.3 | 141.6 | 10.11 | 202 | ✓ | 14.97 | clear, color less, No odor |
| 12:00 | 5.78 | 13.5 | 141.3 | 10.29 | 203 | | | |
| 12:05 | | | | | | | | |
| 12:10 | Sample collected | | | | | | | |
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Type of Samples Collected for Laboratory Analysis:
 HVOCs X 3 VOA Vials

Well Casing Volumes:
 Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

| | | |
|-------------------------------|-------------------------------------|---------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/28/2024 |
| Well No.: MW-5 | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 11.04 | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: G. Fisher | Notes: turbidity sensor not working | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-------|------------------|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 16:50 | Start Purge | | | | | | | |
| 16:53 | 6.08 | 14.8 | 164.3 | 7.64 | 176.0 | Not Working | 13.40 | Slightly turbid, odorless |
| 16:55 | 6.08 | 14.7 | 164.1 | 7.64 | 173.2 | | | |
| 17:00 | 6.07 | 14.7 | 163.8 | 7.64 | 175.4 | | 13.40 | clear, colorless, odorless |
| 17:05 | 6.07 | 14.7 | 164.0 | 7.63 | 177.9 | | | |
| 17:10 | 6.07 | 14.7 | 164.1 | 7.62 | 181.1 | | | " " " |
| 17:15 | 6.07 | 14.7 | 164.3 | 7.62 | 182.0 | | | |
| 17:20 | sample collected | | | | | | 13.40 | " " " |
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Type of Samples Collected for Laboratory Analysis:

HVOCs _____

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

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|-------------------------------------|------------------------------------|---------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/28/2024 |
| Well No.: MW-5M | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 13.49 14.77 | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: [Signature] SZ | Notes: | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|------|-------------------|------------|---------------|---------------------------|----------|-------------|------------------|---------------------------|
| 3:20 | Start Purge | | | | | | | |
| 3:29 | 6.29 | 14.1 | 178.8 | 7.38 | 55.3 | 918.08 | 14.77 | Yellow, v. turbid, opaque |
| 3:28 | 6.28 | 14.1 | 178.5 | 7.47 | 78.9 | 1000+ | — | |
| 3:32 | 6.27 | 14.1 | 178.3 | 7.47 | 97.7 | 790.40 | — | |
| 3:36 | 6.26 | 14.0 | 178.4 | 7.55 | 108.3 | 755.13 | 14.78 | Murky, yellowy |
| 3:40 | 6.26 | 14.0 | 178.5 | 7.61 | 118.5 | 77.70 | — | |
| 3:44 | 6.25 | 14.1 | 178.6 | 7.63 | 125.9 | 90.34 | — | |
| 3:48 | 6.25 | 14.0 | 178.5 | 7.65 | 132.7 | 59.00 | 14.80 | Clearer, no color |
| 3:52 | 6.25 | 14.1 | 178.5 | 7.65 | 139.2 | 84.98 | — | |
| 3:56 | 6.24 | 14.0 | 178.5 | 7.66 | 142.5 | 38.45 | — | |
| 4:00 | Samples collected | | | | | | | |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

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|---------------------------|------------------------------------|---------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/28/2024 |
| Well No.: MW-8D | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 16.05 | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: | Notes: | |

lead to replace meter

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-------|-----------------|------------|---------------|---------------------------|----------|-------------|------------------|-------------------|
| 10:28 | Start Purge | | | | | | | |
| 10:42 | — | 13.3 | 181 | — | — | -8.7 | — | Clear, white |
| 10:46 | — | 13.3 | 180.9 | 5.06 | 160.8 | -5.06 | — | |
| 10:50 | 6.97 | 13.2 | 174.5 | 8.02 | 105.7 | -0.55 | — | |
| 10:54 | 6.91 | 13.2 | 173 | 5.51 | 116.6 | 3.12 | 16.5 | clear |
| 10:58 | 6.91 | 13.1 | 174 | 5.09 | 117.6 | 10.01 | — | |
| 11:02 | 6.93 | 13.1 | 175 | 4.86 | 118.6 | 23.96 | — | |
| 11:06 | 6.94 | 13.1 | 175 | 4.71 | 118.6 | 80.56 | 16.5 | clear |
| 11:10 | 6.94 | 13.2 | 177 | 4.45 | 116.5 | 129.66 | — | |
| 11:14 | 6.95 | 13.2 | 177.2 | 4.32 | 111.6 | 145.21 | — | clear |
| 11:18 | 6.95 | 13.3 | 178.1 | 3.97 | 108.0 | 153.60 | 16.52 | |
| 11:20 | | | | | | | | Samples collected |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

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|---------------------------|------------------------------------|---------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/28/2024 |
| Well No.: MW-9 | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 14.46 | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: SZ | Notes: | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-------|--------------------|---------------|------------------|------------------------------|-------------|----------------|---------------------|-------|
| 14:44 | Start Purge | | | | | | | |
| 14:49 | | | | | | | | |
| 14:53 | | | | | | | | |
| 14:57 | | | | | | | | |
| 15:01 | | | | | | | | DRY |
| 15:05 | | | | | | | | |
| 15:09 | | | | | | | | |
| 15:13 | | | | | | | | |
| 15:17 | | | | | | | | |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

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|----------------------------------|---|----------------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/28/2024 |
| Well No.: MW-10 | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: | | Notes: |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|------|-----------------|------------|---------------|---------------------------|----------|-------------|------------------|--|
| | | | | | | | | Start Purge |
| | | | | | | | | |
| | | | | | | | | <div style="font-size: 4em; font-family: cursive;"> DRY </div> |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

06/29/25 Lake wood Towne Center

0800 Arrived onsite, conducted
H+S orientation. Clear, 45°

| Well | Time | DTW |
|-------|------|-------|
| MW-1S | 0945 | 10.25 |
| MW-1M | 0903 | 10.10 |
| MW-1D | 9:00 | 10.54 |
| MW-2D | 0909 | 8.86 |
| MW-4 | 0919 | 11.90 |
| MW-4M | 0922 | 13.06 |
| MW-5 | 0924 | 11.57 |
| MW-5M | 0927 | 12.93 |
| MW-7S | 0931 | 11.12 |
| MW-8D | 0824 | 14.24 |
| MW-9 | 0913 | 12.86 |
| MW-10 | 0916 | 12.75 |

DUP

GROUNDWATER SAMPLING LOG

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|-------------------------------|------------------------------------|------------------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/28/2021 /29/25 |
| Well No.: <i>MW-15</i> | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 10.25 | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: <i>SZ</i> | Notes: | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-------|-----------------|------------|---------------|---------------------------|----------|-------------|------------------|--|
| 14:00 | Start Purge | | | | | | | |
| 14:05 | 5.93 | 13.1 | 422.9 | 0.67 | 111.2 | 6.84 | 10.28 | (clear, yellowish, odorless) |
| 14:10 | 5.92 | 13.0 | 413.7 | 0.39 | 187.9 | 4.31 | 10.27 | " |
| 14:15 | 5.91 | 13.1 | 401.4 | 0.37 | 185.4 | 2.33 | 10.28 | (clear, colorless, odorless) |
| 14:20 | 5.90 | 12.9 | 393.9 | 0.32 | 183.7 | 2.60 | 10.28 | " |
| 14:25 | 5.89 | 13.0 | 387.3 | 0.28 | 181.8 | 2.14 | 10.27 | " |
| 14:30 | 5.89 | 13.0 | 389.6 | 0.27 | 179.5 | 1.97 | 10.28 | " |
| 14:35 | 5.88 | 13.0 | 385.3 | 0.26 | 178.1 | 1.86 | 10.28 | " |
| 14:40 | 5.88 | 13.0 | 382.7 | 0.25 | 177.1 | 0.53 | 10.28 | " |
| 14:45 | 5.87 | 13.0 | 382.0 | 0.23 | 175.6 | -0.22 | 10.28 | 5.87 " |
| 14:50 | | | | | | | | Samples collected - turb. did not fully stabilize after 40 mins. |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

| | | |
|---------------------------|------------------------------------|---------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/28/2024 1/29/25 |
| Well No.: MW-1M | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 10.40 | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: SE | Notes: | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-------|--------------------|---------------|------------------|------------------------------|-------------|----------------|------------------|-----------------------------|
| 12:55 | Start Purge | | | | | | | |
| 13:00 | 6.28 | 13.0 | 138.4 | 8.36 | 166.1 | -2.63 | 10.39 | Clean (colorless), odorless |
| 13:05 | 6.21 | 13.0 | 138.5 | 7.67 | 168.7 | -2.55 | 10.37 | |
| 13:10 | 6.21 | 13.0 | 137.8 | 7.66 | 169.5 | -2.59 | 10.38 | |
| 13:15 | 6.20 | 12.9 | 137.7 | 7.64 | 170.2 | -2.67 | 10.38 | |
| 13:20 | 6.20 | 12.9 | 137.4 | 7.64 | 171.5 | -2.75 | 10.38 | |
| 13:25 | 6.20 | 13.0 | 137.5 | 7.63 | 172.1 | -2.52 | 10.38 | |
| 13:30 | 6.20 | 12.9 | 137.4 | 7.73 | 173.2 | -2.63 | 10.38 | |
| 13:35 | | | | | | | | Samples collected |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

| | | |
|---------------------------|------------------------------------|-------------------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/28/2024 1/29/25 |
| Well No.: MW-1D | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 10.54 | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: SZ | Notes: | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-------|-----------------|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 12:00 | Start Purge | | | | | | | |
| 12:05 | 6.28 | 12.7 | 134.1 | 6.95 | 159.4 | -2.09 | 10.53 | clear, colorless, odorless |
| 12:10 | 6.25 | 12.8 | 134.1 | 6.90 | 160.1 | -2.62 | 10.52 | |
| 12:15 | 6.24 | 12.7 | 134.2 | 6.89 | 160.9 | -2.63 | 10.53 | |
| 12:20 | 6.24 | 12.7 | 134.3 | 6.91 | 161.7 | -2.66 | 10.52 | |
| 12:25 | 6.23 | 12.8 | 134.1 | 6.98 | 162.6 | -2.55 | 10.51 | |
| 12:30 | 6.23 | 12.8 | 134.0 | 7.00 | 163.2 | -2.33 | 10.53 | |
| 12:35 | 6.23 | 12.8 | 133.9 | 7.02 | 163.8 | -2.39 | 10.51 | |
| 12:40 | | | | | | | | Samples collected |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

| | | |
|---------------------------|------------------------------------|-------------------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/28/2024 1/29/25 |
| Well No.: MW-2D | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 8.86 | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: SZ | Notes: | |

1530

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-------|--------------------|---------------|------------------|------------------------------|-------------|----------------|---------------------|----------------------------|
| 3:30 | Start Purge | | | | | | | |
| 15:35 | 6.73 | 12.6 | 174.6 | 4.10 | 164.0 | -2.07 | 8.99 | Clear, colorless, odorless |
| 15:40 | 6.72 | 12.6 | 174.2 | 3.89 | 163.2 | -2.22 | 8.92 | " |
| 15:45 | 6.72 | 12.6 | 174.2 | 3.70 | 162.7 | -2.54 | 8.92 | " |
| 15:50 | 6.72 | 12.5 | 174.1 | 3.62 | 162.5 | -2.75 | 8.93 | " |
| 15:55 | 6.72 | 12.5 | 174.2 | 3.58 | 162.3 | -2.77 | 8.95 | " |
| 16:00 | 6.72 | 12.5 | 174.1 | 3.59 | 162.3 | -2.77 | 8.99 | " |
| 16:05 | 6.72 | 12.5 | 174.1 | 3.49 | 162.3 | -2.75 | 8.93 | " |
| 16:10 | Samples collected | | | | | | | |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

| | | |
|------------------------------|------------------------------------|---------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/20/2024 01/29/25 |
| Well No.: MW-4 | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 11.90 | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: J. Ramus | Notes: Purge rate @ 200 ml/min | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|------|------------------|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 1115 | Start Purge | | | | | | | |
| 1120 | 5.93 | 11.9 | 177.0 | 5.93 | 321.4 | 2.74 | 11.92 | clear, colorless, odorless |
| 1125 | 5.93 | 11.8 | 176.2 | 5.92 | 321.3 | 2.22 | 11.92 | " " |
| 1130 | 5.94 | 11.9 | 174.5 | 5.93 | 321.6 | 2.17 | 11.93 | " " |
| 1135 | 5.94 | 11.9 | 173.0 | 5.98 | 322.1 | 1.87 | 11.93 | " " |
| 1140 | 5.94 | 11.9 | 172.4 | 6.01 | 322.9 | 1.93 | 11.93 | " " |
| 1145 | 5.94 | 11.9 | 173.0 | 6.00 | 323.2 | 1.88 | 11.93 | " " |
| 1150 | sample collected | | | | | | 11.93 | " " |
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Type of Samples Collected for Laboratory Analysis:
HVOCs

Well Casing Volumes:
 Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

| | | |
|------------------------------|------------------------------------|---------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 40/28/2024 01/29/25 |
| Well No.: MW-4M | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 13.06 | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: J. Ramus | Notes: Purge rate @ 200ml/min | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|------|------------------|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 1025 | Start Purge | | | | | | | |
| 1030 | 6.32 | 11.9 | 138.5 | 8.55 | 280.6 | 2.90 | 13.09 | clear, colorless, odorless |
| 1035 | 6.30 | 12.0 | 138.4 | 8.51 | 288.1 | 2.62 | 13.09 | " " |
| 1040 | 6.29 | 12.0 | 138.4 | 8.51 | 291.6 | 2.58 | 13.09 | " " |
| 1045 | 6.28 | 12.0 | 138.3 | 8.50 | 297.2 | 2.38 | 13.09 | " " |
| 1050 | 6.28 | 12.0 | 138.3 | 8.50 | 301.5 | 2.22 | 13.09 | " " |
| 1055 | 6.28 | 12.0 | 138.2 | 8.49 | 304.0 | 2.18 | 13.09 | " " |
| 1100 | sample collected | | | | | | 13.09 | " " |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

| | | |
|------------------------------|------------------------------------|---------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/28/2024 |
| Well No.: MW-5 | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 11.57 | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: J. Ramus | Notes: Purge rate @ 200 ml/min | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|------|------------------|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 1305 | Start Purge | | | | | | | |
| 1310 | 6.21 | 11.7 | 137.8 | 8.45 | 350.1 | 8.30 | 11.58 | clear, colorless, odorless |
| 1315 | 6.18 | 11.7 | 137.7 | 8.42 | 353.2 | 6.58 | 11.58 | " " |
| 1320 | 6.17 | 11.7 | 137.6 | 8.50 | 355.0 | 5.61 | 11.58 | " " |
| 1325 | 6.17 | 11.8 | 137.6 | 8.45 | 355.8 | 5.30 | 11.58 | " " |
| 1330 | 6.17 | 11.7 | 137.6 | 8.46 | 358.0 | 5.15 | 11.58 | " " |
| 1335 | 6.17 | 11.7 | 137.5 | 8.42 | 359.4 | 5.18 | 11.58 | " " |
| 1340 | sample collected | | | | | | 11.58 | " " |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

| | | |
|-------------------------------------|------------------------------------|--------------------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/28/2024 01/29/25 |
| Well No.: MW-5M | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 12.93 12.93 | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: J. Ramus | Notes: purge rate @ 200ml/min | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|------|------------------|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 1220 | Start Purge | | | | | | | |
| 1225 | 6.20 | 12.3 | 138.2 | 8.47 | 332.3 | 1.79 | 12.96 | clear, colorless, odorless |
| 1230 | 6.19 | 12.3 | 138.1 | 8.46 | 333.9 | 1.68 | 12.96 | " " |
| 1235 | 6.18 | 12.2 | 138.1 | 8.45 | 334.9 | 2.11 | 12.96 | " " |
| 1240 | 6.18 | 12.4 | 138.0 | 8.43 | 336.3 | 2.49 | 12.96 | " " |
| 1245 | 6.18 | 12.3 | 138.0 | 8.42 | 336.8 | 2.50 | 12.96 | " " |
| 1250 | 6.17 | 12.3 | 138.0 | 8.42 | 337.6 | 2.52 | 12.96 | " " |
| 1255 | sample collected | | | | | | 12.96 | " " |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

| | | |
|-------------------------------------|---|--|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 4/28/2024 01/29/25 |
| Well No.: MW-7S | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 14.12 | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: J. Ramus | Notes: Purge Rate @ 200 ml/min | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|------|--------------------|---------------|------------------|------------------------------|-------------|----------------|---------------------|----------------------------|
| #20 | Start Purge | | | | | | | |
| 1425 | 6.05 | 11.9 | 146.8 | 8.45 | 363.5 | 1.75 | 14.18 | clear, colorless, odorless |
| 1430 | 6.04 | 11.9 | 144.5 | 8.41 | 366.4 | 1.67 | 14.18 | " " |
| 1435 | 6.04 | 11.9 | 143.8 | 8.40 | 367.5 | 1.70 | 14.18 | " " |
| 1440 | 6.04 | 11.9 | 143.3 | 8.38 | 368.6 | 1.68 | 14.18 | " " |
| 1445 | 6.04 | 11.9 | 142.8 | 8.37 | 369.9 | 1.71 | 14.18 | " " |
| 1450 | 6.04 | 11.9 | 142.3 | 8.36 | 371.3 | 1.67 | 14.18 | " " |
| 1455 | sample collected | | | | | | 14.18 | " " |
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Type of Samples Collected for Laboratory Analysis:
 HVOCs

Well Casing Volumes:
 Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

| | | |
|------------------------------|-----------------------------------|--------------------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/28/2024 01/29/25 |
| Well No.: MW-81D | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 14.24' | | Measuring Point: Top of PVC Casing |
| Sampling Personnel: J. Ramus | | Notes: Purge rate @ 200 ml/min |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|------|--------------------|---------------|------------------|------------------------------|-------------|----------------|---------------------|----------------------------|
| 0855 | Start Purge | | | | | | | |
| 0900 | 6.79 | 11.3 | 180.7 | 5.76 | 208.1 | 2.54 | 14.50 | Clear, colorless, odorless |
| 0905 | 6.79 | 11.3 | 180.9 | 5.77 | 216.6 | 2.33 | 14.51 | " " |
| 0910 | 6.78 | 11.5 | 180.7 | 5.74 | 222.6 | 2.13 | 14.52 | " " |
| 0915 | 6.78 | 11.5 | 180.7 | 5.76 | 226.3 | 2.10 | 14.52 | " " |
| 0920 | 6.78 | 11.5 | 180.7 | 5.80 | 234.6 | 1.89 | 14.53 | " " |
| 0925 | 6.78 | 11.6 | 180.7 | 5.83 | 238.1 | 1.87 | 14.53 | " " |
| 0930 | 6.78 | 11.7 | 180.8 | 5.83 | 242.2 | 1.95 | 14.54 | " " |
| 0935 | sample collected | | | | | | 14.54 | " " |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

| | | |
|-------------------------------------|------------------------------------|--|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/28/2024 01/29/2025 |
| Well No.: MW-9 | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: AAW-9 12.86 | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: SZ. | Notes: | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-------|-----------------|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 10:40 | Start Purge | | | | | | | |
| 10:45 | 5.47 | 9.3 | 134.2 | 1.07 | 153.3 | -1.45 | 12.90 | Clear, colorless, odorless |
| 10:50 | 5.45 | 9.1 | 126.7 | 0.52 | 158.3 | -1.90 | 12.90 | " |
| 10:55 | 5.44 | 9.0 | 121.3 | 0.32 | 158.3 | -1.60 | 12.90 | " |
| 11:00 | 5.47 | 9.0 | 121.5 | 0.27 | 154.9 | -2.05 | 12.90 | " |
| 11:05 | 5.51 | 8.9 | 120.4 | 0.23 | 151.5 | -2.00 | 12.90 | " |
| 11:10 | 5.52 | 9.2 | 117.6 | 0.21 | 148.2 | -2.19 | 12.90 | " |
| 11:15 | 5.51 | 9.2 | 117.6 | 0.18 | 146.3 | -2.51 | 12.90 | " |
| 11:20 | 5.50 | 9.3 | 114.8 | 0.18 | 145.8 | -2.47 | 12.90 | " |
| 11:25 | Samples taken | | | | | | | |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

| | | |
|------------------------------|------------------------------------|---------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/28/2024 01/29/25 |
| Well No.: MW-10 | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 12.75 | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: J. Ramus | Notes: Purge Rate @ 200 ml/min | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-------|--------------------|---------------|------------------|------------------------------|-------------|----------------|---------------------|----------------------------|
| 1515 | Start Purge | | | | | | | |
| 1520 | 5.35 | 12.2 | 268.0 | 2.17 | 385.4 | 11.01 | 13.06 | clear, colorless, odorless |
| 1525 | 5.42 | 12.2 | 225.1 | 2.31 | 383.4 | 6.18 | 13.06 | " " |
| 1530 | 5.46 | 12.1 | 213.7 | 2.70 | 378.3 | 3.61 | 13.06 | " " |
| 1535 | 5.48 | 12.1 | 205.3 | 2.85 | 377.1 | 3.05 | 13.06 | " " |
| 1540 | 5.50 | 12.2 | 199.6 | 3.02 | 376.3 | 2.86 | 13.06 | " " |
| 1545 | 5.51 | 12.1 | 195.2 | 3.14 | 375.8 | 2.75 | 13.06 | " " |
| 1550 | sample collected | | | | | | 13.06 | " " |
| 15:50 | MW-DHP collected | | | | | | | |
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Type of Samples Collected for Laboratory Analysis:

HVOCs _____

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.



Onsite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

Laboratory Number **01-310**

Company: Herrera Env. Consultants
Project Number: 21-07668-003
Project Name: Lakewood Towne Center
Project Manager: George Iftner
Sampled by: J. Ramus

Turnaround Request
(in working days)

- (Check One)
- Same Day 1 Day
 2 Days 3 Days
 Standard (7 Days)
 _____ (other)

Number of Containers

Date Sampled Time Sampled Matrix

| Lab ID | Sample Identification | Date Sampled | Time Sampled | Matrix | Number of Containers |
|--------|-----------------------|--------------|--------------|--------|----------------------|
| 1 | MW-1S | 01/24/25 | 1450 | Water | 3 |
| 2 | MW-1M | | 1335 | | 3 |
| 3 | MW-1D | | 1240 | | 3 |
| 4 | MW-2D | | 1610 | | 3 |
| 5 | MW-4 | | 1150 | | 3 |
| 6 | MW-4M | | 1100 | | 3 |
| 7 | MW-5 | | 1340 | | 3 |
| 8 | MW-8D | | 0935 | | 3 |
| 9 | MW-7S | | 1455 | | 3 |
| 10 | MW-9 | | 1125 | | 3 |

| NWTPH-HCID | NWTPH-Gx/BTEX (8021 8260) | NWTPH-Gx | NWTPH-Dx (SG Clean-up) | Volatiles 8260 | Halogenated Volatiles 8260 | EDB EPA 8011 (Waters Only) | Semivolatiles 8270/SIM (with low-level PAHs) | PAHs 8270/SIM (low-level) | PCBs 8082 | Organochlorine Pesticides 8081 | Organophosphorus Pesticides 8270/SIM | Chlorinated Acid Herbicides 8151 | Total RCRA Metals | Total MTCA Metals | TCLP Metals | HEM (oil and grease) 1664 | % Moisture | |
|------------|---------------------------|----------|------------------------|----------------|----------------------------|----------------------------|--|---------------------------|-----------|--------------------------------|--------------------------------------|----------------------------------|-------------------|-------------------|-------------|---------------------------|------------|--|
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| Signature | Company | Date | Time | Comments/Special Instructions |
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| | | 1/24/25 | 1450 | |
| <u>[Signature]</u> | <u>OSA</u> | 1/21/25 | 1050 | |
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Data Package: Standard Level III Level IV
 Chromatograms with final report Electronic Data Deliverables (EDDs)



Onsite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

Laboratory Number: **01-310**

Company: Herrera Env. Consultants
 Project Number: 21-07668-003
 Project Name: Lake Wood Towne Center
 Project Manager: George Iflora
 Sampled by: J. Korns

Turnaround Request
(in working days)

- (Check One)
- Same Day
 - 1 Day
 - 2 Days
 - 3 Days
 - Standard (7 Days)
 - _____ (other)

| Lab ID | Sample Identification | Date Sampled | Time Sampled | Matrix | Number of Containers | NWTPH-HQID | NWTPH-Gx/BTEX (8021) | NWTPH-Dx (SG Clean-up) | NWTPH-Gx | Volatiles 8260 | Halogenated Volatiles 8260 | EDB EPA 8011 (Waters Only) | Semivolatiles B270/SIM (with low-level PAHs) | PAHs 8270/SIM (low-level) | PCBs 8082 | Organochlorine Pesticides 8081 | Organophosphorus Pesticides B270/SIM | Chlorinated Acid Herbicides 8151 | Total RCRA Metals | Total MTCA Metals | TCLP Metals | HEM (oil and grease) 1664 | % Moisture | |
|--------|-----------------------|--------------|--------------|--------|----------------------|------------|----------------------|------------------------|----------|----------------|----------------------------|----------------------------|--|---------------------------|-----------|--------------------------------|--------------------------------------|----------------------------------|-------------------|-------------------|-------------|---------------------------|------------|--|
| A1 | MW-SM | 8/24/15 | 1255 | Water | 3 | | | | | | X | | | | | | | | | | | | | |
| A2 | MW-10 | | 1550 | | 3 | | | | | | X | | | | | | | | | | | | | |
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| Signature | Company | Date | Time | Comments/Special Instructions |
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| | | | | |
| <u>[Signature]</u> | <u>CE</u> | <u>12/12/15</u> | <u>1750</u> | |
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| Reviewed/Date | Reviewed/Date | Data Package: Standard <input checked="" type="checkbox"/> Level III <input type="checkbox"/> Level IV <input type="checkbox"/> Chromatograms with final report <input type="checkbox"/> Electronic Data Deliverables (EDDs) <input type="checkbox"/> | | |



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Chain of Custody

Laboratory Number: **01-350**

Turnaround Request (in working days)
 (Check One)
 Same Day 1 Day
 2 Days 3 Days
 Standard (7 Days)
 _____ (other)

Company: Herreya
 Project Number: 21-07668-003
 Project Name: Lake Wood Towne Ctr.
 Project Manager: George Effner
 Sampled by: Johnny Ramos

| Lab ID | Sample Identification | Date Sampled | Time Sampled | Matrix | Number of Containers |
|--------|-----------------------|--------------|--------------|--------|----------------------|
| 1 | MW - Dup | 1/29/25 | 15:50 | water | 3 |
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| NWTFH-HCID | NWTFH-Gx/BTEX (8021 <input type="checkbox"/> 8260 <input type="checkbox"/>) | NWTFH-Gx | NWTFH-Dx (SG Clean-up <input type="checkbox"/>) | Volatiles 8260 | Halogenated Volatiles 8260 | EDB EPA 8011 (Waters Only) | Semivolatiles 8270/SIM (with low-level PAHs) | PAHs 8270/SIM (low-level) | PCBs 8082 | Organochlorine Pesticides 8081 | Organophosphorus Pesticides 8270/SIM | Chlorinated Acid Herbicides 8151 | Total RCRA Metals | Total MTCa Metals | TCLP Metals | HEM (oil and grease) 1664 | % Moisture | |
|------------|--|----------|--|----------------|----------------------------|----------------------------|--|---------------------------|-----------|--------------------------------|--------------------------------------|----------------------------------|-------------------|-------------------|-------------|---------------------------|------------|--|
| | | | | | | | | | | | | | | | | | | |

| Signature | Company | Date | Time | Comments/Special Instructions |
|----------------------|----------------|----------------|-------------|-------------------------------|
| <u>George Effner</u> | <u>Herreya</u> | <u>1/31/25</u> | <u>1444</u> | |
| <u>Johnny Ramos</u> | <u>Herreya</u> | <u>1/31/25</u> | <u>1444</u> | |
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Data Package: Standard Level III Level IV
 Chromatograms with final report Electronic Data Deliverables (EDDs)

Groundwater Sampling Log

| | | |
|---------------------------|--------------------------|--------------------------------|
| Project No.: 21-07668-003 | Site: LTC | Date: 4/23/25 |
| Well No.: @MW-9 | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Geopump | Tubing Type: PVC, Polyethylene |
| Water Level: 12.50 | Measuring Point: TOC | |
| Sampling Personnel: SE | Notes: | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|------|-----------------|------------|---------------|---------------------------|----------|-------------|------------------|-----------------|
| 8:50 | Start Purge | | | | | | | |
| 8:55 | 5.57 | 11.0 | 0.304 | 2.20 | 1.0 | 15.44 | 12.50 | Clear, odorless |
| 9:00 | 5.56 | 10.9 | 0.104 | 1.02 | 42.4 | 150.15 | 12.53 | Clear, ol // |
| 9:05 | 5.56 | 10.9 | 0.102 | 0.74 | 42.4 | 112.97 | 12.56 | // |
| 9:10 | 5.59 | 10.8 | 0.102 | 0.66 | 41.0 | 84.28 | 12.56 | // |
| 9:15 | 5.61 | 10.8 | 0.103 | 0.59 | 40.2 | 20.12 | 12.59 | // |
| 9:20 | 5.62 | 10.8 | 0.103 | 0.54 | 40.9 | 24.21 | 12.55 | // |
| 9:25 | 5.62 | 10.8 | 0.103 | 0.52 | 41.8 | 28.70 | 12.55 | // |
| 9:30 | _____ | | | | | | | Samples taken |
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Type of Samples Collected for Laboratory Analysis:
VOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: Three successive readings should be within +0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

Groundwater Sampling Log

| | | |
|---------------------------|--------------------------|---------------------------|
| Project No.: 21-07668-003 | Site: LWTC | Date: 4/23/25 |
| Well No.: MW-2D | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Geopump | Tubing Type: Polyethylene |
| Water Level: 8.44 | Measuring Point: TOC | |
| Sampling Personnel: SZ | Notes: | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|------------------|-----------------|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 13:55 | Start Purge | | | | | | | |
| 14:00 | 6.96 | 13.9 | 0.187 | 3.70 | 145.2 | 6.28 | 8.53 | Clear, colorless, odorless |
| 14:05 | 6.97 | 13.2 | 0.187 | 3.98 | 144.4 | 4.21 | 8.54 | |
| 14:10 | 6.97 | 13.2 | 0.187 | 3.36 | 143.8 | 4.20 | 8.54 | |
| 14:15 | 6.97 | 13.2 | 0.187 | 3.29 | 143.3 | 3.70 | | |
| 14:20 | ----- | | | | | | | Samples taken |
| 14:25 | | | | | | | | |
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Type of Samples Collected for Laboratory Analysis:

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: Three successive readings should be within +0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.



Groundwater Sampling Log

| | | |
|---------------------------|---------------------------|---------------------------|
| Project No.: 21-07668-003 | Site: LWTC | Date: 4/23/25 |
| Well No.: MW-10 | Screen Length: 5-feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Geo PUMP | Tubing Type: polyethylene |
| Water Level: 12.47 | Measuring Point: TOC | |
| Sampling Personnel: SZ | Notes: | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-------|-----------------|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 12:45 | Start Purge | | | | | | | |
| 12:50 | 5.31 | 13.0 | 0.487 | 1.86 | 207.8 | 21.82 | 12.51 | Clear, colorless, odorless |
| 12:55 | 5.36 | 13.0 | 0.453 | 2.01 | 214.2 | 23.14 | 12.51 | |
| 13:00 | 5.40 | 13.0 | 0.428 | 2.21 | 216.8 | 30.04 | 12.51 | |
| 13:05 | 5.44 | 12.9 | 0.387 | 2.50 | 217.4 | 38.91 | 12.51 | |
| 13:10 | 5.47 | 12.9 | 0.362 | 2.76 | 217.9 | 58.36 | 12.52 | |
| 13:15 | 5.51 | 12.9 | 0.346 | 2.87 | 218.1 | 67.71 | 12.53 | |
| 13:20 | 5.52 | 12.8 | 0.326 | 2.93 | 219.2 | 69.45 | 12.52 | |
| 13:25 | 5.53 | 12.9 | 0.313 | 3.00 | 218.9 | 77.77 | 12.50 | |
| 13:30 | ————— | | | | | | | Samples taken |
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Type of Samples Collected for Laboratory Analysis:

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: Three successive readings should be within +0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

Groundwater Sampling Log

| | | |
|--------------------------|--------------------------|---------------------------|
| Project No.: 21-0768-003 | Site: LWTC | Date: 4/23/25 |
| Well No.: MW-15 | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Geopump | Tubing Type: Polyethylene |
| Water Level: 9.95 | Measuring Point: TOC | |
| Sampling Personnel: ST | Notes: | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-------|-----------------|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 11:42 | Start Purge | | | | | | | |
| 11:47 | 5.92 | 12.8 | 0.344 | 1.01 | 159.9 | 104.35 | 9.93 | Cloudy, yellow, odorless |
| 11:52 | 5.93 | 12.7 | 0.342 | 0.68 | 147.2 | 27.27 | 9.94 | Clear, colorless, odorless |
| 11:57 | 5.93 | 12.6 | 0.340 | 0.60 | 142.7 | 28.11 | 9.93 | |
| 12:02 | 5.93 | 12.6 | 0.340 | 0.54 | 143.4 | 23.73 | 9.94 | |
| 12:07 | 5.93 | 12.6 | 0.344 | 0.49 | 142.6 | 30.93 | 9.95 | |
| 12:12 | _____ | | | | | | | Samples taken |
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Type of Samples Collected for Laboratory Analysis:

Well Casing Volumes:

Gal/Ft 1 ¼" = 0.077 1 ½" = 0.10 2" = 0.16 2 ½" = 0.24 3" = 0.37 3 ½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: Three successive readings should be within +0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

Groundwater Sampling Log

| | | |
|------------------------------|------------------------------|---------------------------|
| Project No.: 21-07668-005 | Site: Lakewood Towne Center | Date: 4/23/25 |
| Well No.: MW-5m | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Geopump | Tubing Type: Polyethylene |
| Water Level: 12.62' | Measuring Point: TOC | |
| Sampling Personnel: J. Remus | Notes: Flowrate = 200 ml/min | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|------|-------------------------------------|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 1245 | Start Purge | | | | | | | |
| 1250 | 6.40 | 12.9 | 140.2 | 8.49 | 357.4 | -1.63 | 12.63' | clear, colorless, odorless |
| 1255 | 6.41 | 13.1 | 140.2 | 8.43 | 358.4 | -1.68 | 12.63' | " " |
| 1300 | 6.41 | 13.4 | 140.1 | 8.40 | 359.7 | -1.70 | 12.63' | " " |
| 1305 | 6.41 | 13.4 | 140.2 | 8.38 | 361.2 | -1.65 | 12.63' | " " |
| 1310 | 6.41 | 13.4 | 140.3 | 8.38 | 361.4 | -1.63 | 12.63' | " " |
| 1315 | 6.41 | 13.3 | 140.3 | 8.38 | 362.6 | -1.64 | 12.63' | " " |
| 1320 | sample collected | | | | | | | |
| 0000 | sample duplicate collected (MW-DUP) | | | | | | | |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: Three successive readings should be within +0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

Groundwater Sampling Log

| | | |
|------------------------------|-------------------------------|---------------------------|
| Project No.: 21-0766B-003 | Site: Lakewood Towne Center | Date: 4/23/25 |
| Well No.: MW-75 | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Geopump | Tubing Type: polyethylene |
| Water Level: 13.81' | Measuring Point: TOC | |
| Sampling Personnel: J. Ramus | Notes: Flow rate = 200 ml/min | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|------|------------------|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 1005 | Start Purge | | | | | | | |
| 1010 | 6.34 | 12.3 | 157.1 | 9.11 | 309.8 | -0.64 | 13.81' | clear, colorless, odorless |
| 1015 | 6.34 | 12.3 | 157.8 | 9.27 | 312.0 | -1.25 | 13.81' | " " |
| 1020 | 6.35 | 12.3 | 154.1 | 9.19 | 317.5 | -0.37 | 13.81' | " " |
| 1025 | 6.35 | 12.4 | 153.4 | 9.26 | 319.8 | -0.45 | 13.81' | " " |
| 1030 | 6.35 | 12.3 | 153.1 | 8.81 | 321.5 | -1.65 | 13.81' | " " |
| 1035 | 6.35 | 12.4 | 153.1 | 8.61 | 325.6 | -1.66 | 13.81' | " " |
| 1040 | sample collected | | | | | | | |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: Three successive readings should be within +0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

Groundwater Sampling Log

| | | |
|------------------------------|-------------------------------|---------------------------|
| Project No.: 21-0768-003 | Site: Lakewood Towne center | Date: 4/23/25 |
| Well No.: MW-4M | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Geopump | Tubing Type: polyethylene |
| Water Level: 12.76' | Measuring Point: TOC | |
| Sampling Personnel: J. Ramus | Notes: Flow rate = 200 mL/min | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|------|------------------|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 1100 | Start Purge | | | | | | | |
| 1105 | 6.40 | 12.1 | 140.6 | 8.40 | 334.7 | -1.74 | 12.76' | clear, colorless, odorless |
| 1110 | 6.41 | 12.1 | 140.6 | 8.36 | 334.3 | -1.63 | 12.76' | " " |
| 1115 | 6.41 | 12.1 | 140.6 | 8.33 | 338.4 | -1.57 | 12.76' | " " |
| 1120 | 6.41 | 12.2 | 140.5 | 8.33 | 340.1 | -0.79 | 12.76' | " " |
| 1125 | 6.41 | 12.2 | 140.5 | 8.33 | 341.5 | -0.60 | 12.76' | " " |
| 1130 | 6.41 | 12.2 | 140.5 | 8.32 | 341.9 | -0.63 | 12.76' | " " |
| 1135 | sample collected | | | | | | | |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: Three successive readings should be within +0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

Groundwater Sampling Log

| | | |
|------------------------------|-----------------------------|---------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 4/23/25 |
| Well No.: MW-5 | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Geopump | Tubing Type: polyethylene |
| Water Level: 11.24' | Measuring Point: TOCs | |
| Sampling Personnel: J. Ramos | Notes: Flowrate = 200ml/min | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|------|------------------|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 1335 | Start Purge | | | | | | | |
| 1340 | 6.37 | 12.6 | 141.0 | 8.39 | 366.7 | 1.68 | 11.24' | clear, colorless, odorless |
| 1345 | 6.38 | 12.6 | 140.5 | 8.40 | 367.4 | 4.58 | 11.24' | " " |
| 1350 | 6.39 | 12.7 | 140.3 | 8.39 | 369.3 | 3.85 | 11.24' | " " |
| 1355 | 6.39 | 12.6 | 140.5 | 8.38 | 371.6 | 2.55 | 11.24' | " " |
| 1400 | 6.39 | 12.5 | 140.4 | 8.37 | 372.7 | 1.88 | 11.24' | " " |
| 1405 | 6.39 | 12.7 | 140.7 | 8.37 | 373.6 | 1.54 | 11.24' | " " |
| 1410 | sample collected | | | | | | | |
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Type of Samples Collected for Laboratory Analysis:
Hvocs

Well Casing Volumes:
 Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: Three successive readings should be within +0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

Groundwater Sampling Log

| | | |
|--------------------------|--------------------------|---------------------------|
| Project No.: 21-0768-003 | Site: LWTC | Date: 4/23 |
| Well No.: MW-1M | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Geopump | Tubing Type: Polyethylene |
| Water Level: 10.04 | Measuring Point: TOC | |
| Sampling Personnel: SZ | Notes: | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-------|--------------------|---------------|------------------|------------------------------|-------------|----------------|------------------------|-----------------------------|
| 10:50 | Start Purge | | | | | | | |
| 10:55 | 6.38 | 12.9 | 0.152 | 7.97 | 142.4 | 22.44 | 10.04 | Cloudy, colorless, odorless |
| 10:06 | 6.38 | 12.8 | 0.152 | 7.90 | 149.6 | 6.35 | 10.04 | Clear, colorless, odorless |
| 11:05 | 6.37 | 12.8 | 0.151 | 7.85 | 154.9 | 4.78 | 10.04 | |
| 11:16 | 6.37 | 12.8 | 0.151 | 7.84 | 157.9 | 3.98 | 10.04 | |
| 11:15 | 6.37 | 12.7 | 0.151 | 7.83 | 160.6 | 3.96 | 10.04 | |
| 11:20 | ----- | | | | | | | Samples taken |
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Type of Samples Collected for Laboratory Analysis:

VDCS

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: Three successive readings should be within +0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

Groundwater Sampling Log

| | | |
|------------------------------|-------------------------------|---------------------------|
| Project No.: 21-07668-05 | Site: Lakewood Towne Center | Date: 4/23/25 |
| Well No.: MW-8D | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Geopump | Tubing Type: polyethylene |
| Water Level: 14.05' | Measuring Point: TOC | |
| Sampling Personnel: J. Ramus | Notes: Flow rate = 200 ml/min | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|------|------------------|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 0900 | Start Purge | | | | | | | |
| 0905 | 6.85 | 12.9 | 178.8 | 6.34 | 252.7 | -0.99 | 14.15' | clear, colorless, odorless |
| 0910 | 6.85 | 12.9 | 178.8 | 6.23 | 257.4 | -1.04 | 14.16' | " " |
| 0915 | 6.86 | 12.9 | 178.8 | 6.12 | 263.5 | -1.18 | 14.16' | " " |
| 0920 | 6.86 | 13.0 | 178.7 | 6.10 | 267.7 | -1.19 | 14.16' | " " |
| 0925 | 6.85 | 13.0 | 178.6 | 6.01 | 271.8 | -1.46 | 14.16' | " " |
| 0930 | 6.86 | 13.0 | 178.6 | 6.00 | 273.9 | -1.41 | 14.16' | " " |
| 0935 | sample collected | | | | | | | |
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Type of Samples Collected for Laboratory Analysis:

HYDROCARBONS

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: Three successive readings should be within +0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

Groundwater Sampling Log

| | | |
|------------------------------|------------------------------|---------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 4/23/25 |
| Well No.: MW-4 | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Geopump | Tubing Type: polyethylene |
| Water Level: 11.58' | Measuring Point: 706 | |
| Sampling Personnel: J. Ramos | Notes: Flowrate = 200 mL/min | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|------|------------------|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 1145 | Start Purge | | | | | | | |
| 1150 | 6.09 | 12.4 | 179.1 | 5.95 | 349.6 | -1.65 | 11.58' | clear, colorless, odorless |
| 1155 | 6.09 | 12.3 | 182.3 | 5.48 | 346.3 | -1.43 | 11.58' | " " |
| 1200 | 6.11 | 12.4 | 180.1 | 5.54 | 345.7 | -0.98 | 11.58' | " " |
| 1205 | 6.11 | 12.5 | 178.7 | 5.57 | 346.0 | -0.75 | 11.58' | " " |
| 1210 | 6.12 | 12.5 | 178.1 | 5.58 | 345.8 | -0.61 | 11.58' | " " |
| 1215 | 6.12 | 12.5 | 177.5 | 5.61 | 346.2 | -0.66 | 11.58' | " " |
| 1220 | Sample collected | | | | | | | |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: Three successive readings should be within +0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

Groundwater Sampling Log

| | | |
|---------------------------|--------------------------|---------------------------|
| Project No.: 21-07668-003 | Site: LTC | Date: 4/23/25 |
| Well No.: MW-1D | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Geopump | Tubing Type: Polyethylene |
| Water Level: 10.21 | Measuring Point: TOC | |
| Sampling Personnel: SZ | Notes: | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-------|-----------------|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 10:00 | Start Purge | | | | | | | |
| 10:05 | 6.43 | 12.4 | 0.143 | 8.17 | 109.7 | 4.00 | 10.20 | Clear, colorless, odorless |
| 10:10 | 6.43 | 12.4 | 0.143 | 8.22 | 122.7 | 4.02 | 10.19 | " |
| 10:15 | 6.43 | 12.4 | 0.145 | 8.48 | 132.1 | 4.35 | 10.19 | " |
| 10:20 | 6.43 | 12.4 | 0.145 | 8.56 | 138.3 | 4.41 | 10.19 | " |
| 10:25 | _____ | | | | | | | Samples taken |
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Type of Samples Collected for Laboratory Analysis:

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: Three successive readings should be within +0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

| | | |
|-------------------------------|------------------------------------|-------------------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/20/2024 7/29/25 |
| Well No.: MW-15 | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 12.09 | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: G. Iffner | Notes: Purge @ 0.4 L/min | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-------|--------------------|---------------|------------------|------------------------------|-------------|----------------|---------------------|---------------------------|
| 09:55 | Start Purge | | | | | | | |
| 10:00 | 5.48 | 15.4 | 967 | 0.81 | 188.0 | 9.12 | 12.14' | clear, colorless, No odor |
| 10:05 | 5.72 | 15.4 | 712 | 0.52 | 117.1 | 4.82 | | |
| 10:10 | 5.55 | 15.4 | 597 | 0.42 | 150.6 | 3.67 | 12.10' | " " " " |
| 10:15 | 5.58 | 15.5 | 560 | 0.40 | 151.6 | 3.12 | | |
| 10:20 | 5.61 | 15.4 | 509 | 0.40 | 153.2 | 3.08 | 12.10' | |
| 10:25 | 5.62 | 15.4 | 469 | 0.41 | 151.8 | 3.39 | | clear, colorless, No odor |
| 10:30 | Sample collected | | | | | | | |
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Type of Samples Collected for Laboratory Analysis:
 HVOCs, Tot + Diss Fe + Mn, RSK175 gases, TOC, SulF, Nitrate, Nitrite, TKM, Ammonia, BOD
 Dechlor-array (SIREM Lab) this. /
 Well Casing Volumes:
 Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

| | | |
|-------------------------------|------------------------------------|-------------------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/28/2024 7/29/25 |
| Well No.: MW-1M | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 12.19' | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: G. Iffner | Notes: Purge @ 0.4 L/min | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-------|--------------------|---------------|------------------|------------------------------|-------------|----------------|---------------------|---------------------------|
| 11:00 | Start Purge | | | | | | | |
| 11:05 | 6.05 | 14.7 | 153.0 | 7.18 | 201.7 | 18.7 | | Clear, colorless, No odor |
| 11:10 | 5.85 | 14.6 | 152.3 | 7.21 | 220.6 | 6.75 | 12.18' | |
| 11:15 | 5.84 | 14.6 | 152.3 | 7.19 | 226.6 | 1.89 | | |
| 11:20 | 5.83 | 14.6 | 152.3 | 7.19 | 229.6 | 2.02 | 12.18' | " " " |
| 11:25 | 5.82 | 14.6 | 152.4 | 7.18 | 233.2 | 1.82 | | |
| 11:30 | 5.81 | 14.6 | 152.4 | 7.18 | 236.6 | 1.81 | 12.18' | " " " |
| 11:35 | 5.80 | 14.6 | 152.2 | 7.20 | 241.3 | 1.22 | | |
| 11:40 | Sample collected. | | | | | | | |
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Type of Samples Collected for Laboratory Analysis:
 HVOCs, Tot/Diss Fe/Mn, RSK/75 gasses, TOL, Sulf. Nitrate, Nitrite, TKN, phos/Ammonia, Bad

Well Casing Volumes:
 Gal/Ft 1 1/4" = 0.077 1 1/2" = 0.10 2" = 0.16 2 1/2" = 0.24 3" = 0.37 3 1/2" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

| | | |
|-------------------------------|------------------------------------|-------------------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 10/26/2024 7/29/25 |
| Well No.: MW-1D | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 12.33' | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: G. Iftner | Notes: | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-------|------------------|------------|---------------|---------------------------|----------|-------------|------------------|---------------------------|
| 12:01 | Start Purge | | | | | | | V. slightly turbid |
| 12:05 | 5.88 | 13.4 | 148 | 8.69 | 269.6 | 94.3 | | clear, colorless, No odor |
| 12:10 | 5.82 | 13.4 | 148.3 | 8.59 | 274.1 | | 12.35' | |
| 12:15 | 5.85 | 13.4 | 148.5 | 8.82 | 276.0 | 62.7 | | |
| 12:20 | 5.77 | 13.4 | 148.0 | 8.89 | 281.4 | | | |
| 12:25 | 5.77 | 13.3 | 147.3 | 8.95 | 283.8 | 42.5 | 12.35' | |
| 12:30 | 5.76 | 13.4 | 147.0 | 9.20 | 285.9 | 30.2 | | |
| 12:35 | collected sample | | | | | X | | clear, colorless, No odor |
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Type of Samples Collected for Laboratory Analysis:

HVOCs ✓

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

Groundwater Sampling Log

| | | |
|-------------------------------|-----------------------------------|---------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne ctr. | Date: 7/29/25 |
| Well No.: MW-2D | Screen Length: 5' | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: peristaltic pump | Tubing Type: polyethylene |
| Water Level: 10.77' | Measuring Point: TOC | |
| Sampling Personnel: G. Iffner | Notes: purge @ 0.4 L/min | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-------|-------------------------------------|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 13:50 | Start Purge | | | | | | | |
| 13:55 | 7.11 | 13.8 | 178.8 | 3.14 | 15.3 | 8.51 | 10.94' | clear, colourless, No odor |
| 14:00 | 6.88 | 13.6 | 178.2 | 3.20 | 3.4 | 8.67 | | |
| 14:05 | 6.85 | 13.5 | 178.1 | 3.26 | 15.6 | 6.84 | 10.94 | " " " " |
| 14:10 | 6.78 | 13.7 | 177.7 | 3.49 | 41.5 | 4.93 | | |
| 14:15 | 6.75 | 13.6 | 177.3 | 3.60 | 55.5 | 4.19 | 10.94 | " " " " |
| 14:20 | 6.73 | 13.7 | 177.3 | 3.62 | 65.0 | 2.89 | | |
| 14:25 | 6.72 | 13.8 | 177.1 | 3.68 | 71.7 | 2.86 | 10.94 | |
| 14:30 | collected sample → MW-Dup @ 16:00 ← | | | | | | | |
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Type of Samples Collected for Laboratory Analysis:
 HVOCS → duplicate "mw-Dup" @ 16:00 ←

Well Casing Volumes:
 Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: Three successive readings should be within +0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

Groundwater Sampling Log

| | | |
|----------------------------|--|---------------------------|
| Project No.: | Site: Lakewood Towne Center | Date: 07/29/25 |
| Well No.: MW-4 | Screen Length: 5' | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Geopump 1 YSI | Tubing Type: polyethylene |
| Water Level: 13.66' (0755) | Measuring Point: TOC | |
| Sampling Personnel: JR | Notes: Flowrate ≈ 200 ml/min, YSI in sum (8.2) (long increase?) | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-----------------|------------------|-----------------|------------------|---------------------------|------------------|-----------------|-------------------|----------------------------|
| 1235 | Start Purge | | | | | | | |
| 1240 | 6.14 | 15.5 | 163.0 | 5.77 | 157.3 | 4.05 | 13.66' | Clear, colorless, odorless |
| 1245 | 6.09 | 15.5 | 161.9 | 5.80 | 160.0 | 3.27 | 13.67' | " " |
| 1250 | 6.08 | 16.0 | 163.3 | 5.82 | 159.9 | 2.58 | 13.67' | " " |
| 1255 | 6.08 | 17.3 | 164.1 | 5.77 | 159.2 | 2.36 | 13.68' | " " |
| 1300 | 6.08 | 18.3 | 164.8 | 5.71 | 158.3 | 2.51 | 13.68' | " " |
| 1305 | 6.08 | 19.3 | 165.5 | 5.66 | 157.3 | 2.63 | 13.68' | " " |
| 1310 | 6.07 | 15.7 | 162.6 | 5.88 | 159.1 | 3.20 | 13.68' | " " |
| 1315 | 6.06 | 15.6 | 162.2 | 5.87 | 160.0 | 3.29 | 13.68' | " " |
| 1320 | 6.04 | 15.6 | 161.9 | 5.83 | 161.4 | 3.25 | 13.68' | " " |
| 1325 | 6.03 | 15.6 | 162.0 | 5.82 | 161.8 | 3.38 | 13.68' | " " |
| 1330 | 6.02 | 15.5 | 162.0 | 5.83 | 164.1 | 3.44 | 13.68' | " " |
| 1335 | sample collected | | | | | | | " " |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: Three successive readings should be within +0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

Groundwater Sampling Log

| | | |
|----------------------------|-------------------------------|---------------------------|
| Project No.: | Site: Lakewood Towne Center | Date: 07/29/25 |
| Well No.: MW-4m | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Geopump 1451 | Tubing Type: Polyethylene |
| Water Level: 14.80' (0750) | Measuring Point: TOC | |
| Sampling Personnel: JR | Notes: Flowrate ≈ 200 mL/min | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|------|------------------|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 1040 | Start Purge | | | | | | | |
| 1045 | 6.27 | 14.3 | 145.1 | 8.14 | 140.8 | 2.13 | 14.80' | clear, colorless, odorless |
| 1050 | 6.21 | 14.2 | 144.7 | 8.09 | 144.1 | 2.21 | 14.81' | " " |
| 1055 | 6.19 | 14.0 | 144.7 | 8.06 | 146.5 | 2.23 | 14.81' | " " |
| 1100 | 6.17 | 14.0 | 144.5 | 8.06 | 148.5 | 2.24 | 14.81' | " " |
| 1105 | 6.11 | 14.0 | 149.5 | 8.33 | 153.1 | 2.54 | 14.81' | " " |
| 1110 | 6.08 | 14.0 | 149.1 | 8.40 | 155.7 | 2.61 | 14.81' | " " |
| 1115 | 6.06 | 14.0 | 149.2 | 8.46 | 157.9 | 2.59 | 14.81' | " " |
| 1120 | sample collected | | | | | | | " " |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: Three successive readings should be within +0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

Groundwater Sampling Log

| | | |
|----------------------------|-----------------------------|-------------------|
| Project No.: | Site: Lakewood Towne Center | Date: 072925 |
| Well No.: MW-5 | Screen Length: | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: | Tubing Type: |
| Water Level: 13.29' (0805) | Measuring Point: TOC | |
| Sampling Personnel: JR | Notes: | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|------|------------------|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 1450 | Start Purge | | | | | | | |
| 1455 | 6.19 | 15.1 | 154.4 | 7.87 | 161.0 | 4.12 | 13.30' | clear, colorless, odorless |
| 1500 | 6.14 | 14.9 | 153.9 | 7.81 | 163.3 | 4.72 | 13.30' | " " |
| 1505 | 6.11 | 14.8 | 153.8 | 7.80 | 164.5 | 4.94 | 13.30' | " " |
| 1510 | 6.11 | 14.8 | 153.7 | 7.80 | 165.2 | 5.19 | 13.30' | " " |
| 1515 | 6.10 | 14.6 | 153.8 | 7.83 | 166.0 | 5.77 | 13.30' | " " |
| 1520 | 6.10 | 14.8 | 153.6 | 7.80 | 166.8 | 6.15 | 13.30' | " " |
| 1525 | sample collected | | | | | | | |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: Three successive readings should be within +0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

Groundwater Sampling Log

| | | |
|----------------------------|-------------------------------|---------------------------|
| Project No.: | Site: Lakewood Towne Center | Date: 07/29/25 |
| Well No.: MW-5M | Screen Length: 6' | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Geopump 1451 | Tubing Type: polyethylene |
| Water Level: 14.64' (0800) | Measuring Point: TOC | |
| Sampling Personnel: JR | Notes: Flowrate ≈ 200 ml/min | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|------|------------------|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 1350 | Start Purge | | | | | | | |
| 1355 | 6.37 | 15.0 | 142.3 | 7.68 | 154.4 | 3.09 | 14.67' | clear, colorless, odorless |
| 1400 | 6.23 | 14.6 | 141.6 | 7.61 | 156.7 | 3.19 | 14.67' | " " |
| 1405 | 6.22 | 14.6 | 141.7 | 7.62 | 156.8 | 3.14 | 14.67' | " " |
| 1410 | 6.19 | 14.6 | 149.0 | 7.86 | 158.2 | 3.18 | 14.67' | " " |
| 1415 | 6.19 | 14.5 | 150.0 | 7.96 | 158.4 | 3.34 | 14.67' | " " |
| 1420 | 6.18 | 14.4 | 150.3 | 8.02 | 158.9 | 3.68 | 14.67' | " " |
| 1425 | sample collected | | | | | | | |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1¼" = 0.077 1½" = 0.10 2" = 0.16 2½" = 0.24 3" = 0.37 3½" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: Three successive readings should be within +0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

Groundwater Sampling Log

| | | |
|----------------------------|--------------------------------------|---------------------------|
| Project No.: | Site: Lakewood Towne Center | Date: 07/29/25 |
| Well No.: MW-80 | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Geopump 1 YSI | Tubing Type: polyethylene |
| Water Level: 15.88' (0735) | Measuring Point: TOC | |
| Sampling Personnel: JR | Notes: Flow Rate \approx 200ml/min | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|------|------------------|------------|---------------|---------------------------|----------|-------------|------------------|----------------------------|
| 0935 | Start Purge | | | | | | | |
| 0940 | 7.61 | 15.5 | 181.4 | 5.86 | 109.0 | 3.66 | 16.19' | clear, colorless, odorless |
| 0945 | 7.08 | 15.3 | 181.0 | 5.66 | 108.3 | 3.40 | 16.20' | " " |
| 0950 | 6.99 | 15.2 | 180.9 | 5.61 | 110.1 | 3.10 | 16.21' | " " |
| 0955 | 6.78 | 15.1 | 180.7 | 5.54 | 112.0 | 2.46 | 16.22' | " " |
| 1000 | 6.75 | 15.1 | 180.3 | 5.52 | 112.9 | 2.50 | 16.23' | " " |
| 1005 | 6.70 | 15.3 | 180.6 | 5.51 | 115.3 | 2.59 | 16.23' | " " |
| 1010 | 6.64 | 15.3 | 180.6 | 5.52 | 117.9 | 2.68 | 16.23' | " " |
| 1015 | 6.59 | 15.3 | 180.4 | 5.56 | 118.2 | 2.70 | 16.23' | " " |
| 1020 | sample collected | | | | | | | " " |
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Type of Samples Collected for Laboratory Analysis:

HVOCs

Well Casing Volumes:

Gal/Ft 1 1/4" = 0.077 1 1/2" = 0.10 2" = 0.16 2 1/2" = 0.24 3" = 0.37 3 1/2" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: Three successive readings should be within +0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

GROUNDWATER SAMPLING LOG

| | | |
|--------------------------------|---|------------------------------------|
| Project No.: 21-07668-003 | Site: Lakewood Towne Center | Date: 7/28/2022 7/29/25 |
| Well No.: MW-9 | Screen Length: 5 feet | Well Diameter: 2" |
| Casing Type: PVC | Sampling Device: Peristaltic pump | Tubing Type: polyethylene |
| Water Level: 14.34' | Measuring Point: Top of PVC Casing | |
| Sampling Personnel: G. Ifthner | Notes: purge @ 0.2 L/min, well nearly dry | |

| Time | pH (std. units) | Temp. (°C) | Cond. (µs/cm) | Dis.O ₂ (mg/L) | ORP (mV) | Turb. (NTU) | Water Level (ft) | Notes |
|-------|-----------------|------------|---------------|---------------------------|----------|-------------|------------------|---|
| 13:26 | | | | | | | | Start Purge |
| 13:30 | | | | | | | | Flow cell w/YSI Pro DSS meter only 1/3 Full Not enough water produced to collect sample. |
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Type of Samples Collected for Laboratory Analysis:
 HVOCs

Well Casing Volumes:
 Gal/Ft 1 1/4" = 0.077 1 1/2" = 0.10 2" = 0.16 2 1/2" = 0.24 3" = 0.37 3 1/2" = 0.50 4" = 0.65 6" = 1.46

Notes on parameter stabilization: three successive readings should be within + 0.1 units for pH, +3% for conductivity, +10 mV for ORP, and +10% for DO or turbidity.

Appendix B

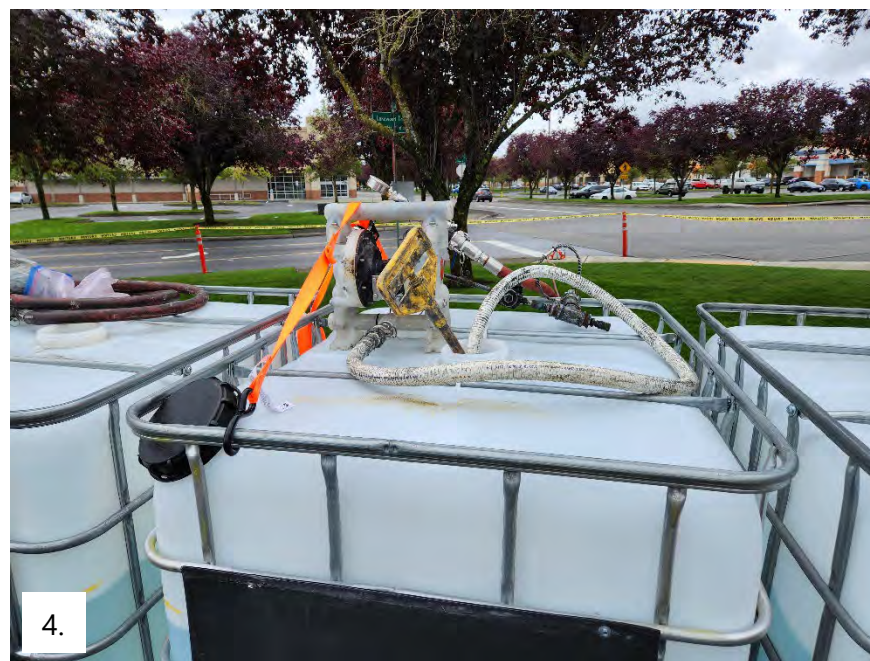
Photographic Log

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2025 Groundwater Treatment and Water Quality Status Report: Photographic Log

| Photo Number | Photo Description |
|--------------|--|
| 1 | Monitoring well MW-1S area where groundwater treatment was completed on June 12 and 13, 2025. |
| 2 | Three 300-gallon triple rinsed food grade polyethylene totes containing potable tap water for groundwater treatment. |
| 3 | Staging area for measuring quantities of TersOx Liquid and TersOx Nutrients added to water in batches. |
| 4 | Mixing apparatus in tote used to mix TersOx Liquid and TersOx Nutrients with water. |
| 5 | Pressure gauge on injection apparatus affixed to top of PVC well casing at MW-1S. |
| 6 | Holocene Drilling staff monitoring pressure during injection of nutrients at MW-1S. |







Appendix C

Laboratory Analytical Reports and Data Quality Assurance Review Summary

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14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

November 26, 2024

George Iftner
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 21-07668-003
Laboratory Reference No. 2410-363

Dear George:

Enclosed are the analytical results and associated quality control data for samples submitted on October 29, 2024.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal flourish extending to the right.

David Baumeister
Project Manager

Enclosures



OnSite Environmental, Inc. 14648 NE 95th Street, Redmond, WA 98052 (425) 883-3881

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: November 26, 2024
Samples Submitted: October 29, 2024
Laboratory Reference: 2410-363
Project: 21-07668-003

Case Narrative

Samples were collected on October 28, 2024 and received by the laboratory on October 29, 2024. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Volatiles EPA 8260D Analysis

The percent recovery for 2,2-Dichloropropane is outside the control limits in the Spike Blank and Spike Blank Duplicate. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.



Date of Report: November 26, 2024
 Samples Submitted: October 29, 2024
 Laboratory Reference: 2410-363
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
 page 1 of 2

Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|--------------|------|-----------|---------------|---------------|-------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 10-363-01 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Vinyl Chloride | 0.76 | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (cis) 1,2-Dichloroethene | 3.5 | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloroform | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Trichloroethene | 1.5 | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Tetrachloroethene | 1.2 | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromoform | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |



Date of Report: November 26, 2024
 Samples Submitted: October 29, 2024
 Laboratory Reference: 2410-363
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
 page 2 of 2

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 10-363-01 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,3-Trichloropropane | ND | 0.26 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>108</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>99</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>105</i> | <i>78-117</i> | | | | |



Date of Report: November 26, 2024
 Samples Submitted: October 29, 2024
 Laboratory Reference: 2410-363
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
 page 1 of 2

Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 10-363-02 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloroform | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Tetrachloroethene | 0.42 | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromoform | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |



Date of Report: November 26, 2024
 Samples Submitted: October 29, 2024
 Laboratory Reference: 2410-363
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
 page 2 of 2

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 10-363-02 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,3-Trichloropropane | ND | 0.26 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>106</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>98</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>103</i> | <i>78-117</i> | | | | |



Date of Report: November 26, 2024
 Samples Submitted: October 29, 2024
 Laboratory Reference: 2410-363
 Project: 21-07668-003

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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-1D | | | | | |
| Laboratory ID: | 10-363-03 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloroform | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Tetrachloroethene | 0.31 | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromoform | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-1D | | | | | |
| Laboratory ID: | 10-363-03 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,3-Trichloropropane | ND | 0.26 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>106</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>100</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>105</i> | <i>78-117</i> | | | | |



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Matrix: Water

Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|--------------|------|-----------|---------------|---------------|-------|
| Client ID: | MW-2D | | | | | |
| Laboratory ID: | 10-363-04 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloroform | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Tetrachloroethene | 0.65 | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromoform | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-2D | | | | | |
| Laboratory ID: | 10-363-04 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,3-Trichloropropane | ND | 0.26 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>107</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>99</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>104</i> | <i>78-117</i> | | | | |



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Matrix: Water

Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------|------|-----------|---------------|---------------|-------|
| Client ID: | MW-4 | | | | | |
| Laboratory ID: | 10-363-05 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (cis) 1,2-Dichloroethene | 0.36 | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloroform | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Trichloroethene | 0.22 | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Tetrachloroethene | 0.42 | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromoform | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-4 | | | | | |
| Laboratory ID: | 10-363-05 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,3-Trichloropropane | ND | 0.26 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>107</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>99</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>104</i> | <i>78-117</i> | | | | |



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Matrix: Water

Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|--------------|------|-----------|---------------|---------------|-------|
| Client ID: | MW-4M | | | | | |
| Laboratory ID: | 10-363-06 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloroform | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Tetrachloroethene | 0.38 | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromoform | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-4M | | | | | |
| Laboratory ID: | 10-363-06 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,3-Trichloropropane | ND | 0.26 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>106</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>100</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>103</i> | <i>78-117</i> | | | | |



Date of Report: November 26, 2024
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Matrix: Water

Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------|------|-----------|---------------|---------------|-------|
| Client ID: | MW-5 | | | | | |
| Laboratory ID: | 10-363-07 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloroform | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Tetrachloroethene | 0.44 | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromoform | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-5 | | | | | |
| Laboratory ID: | 10-363-07 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,3-Trichloropropane | ND | 0.26 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>107</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>101</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>106</i> | <i>78-117</i> | | | | |



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Matrix: Water

Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-5M | | | | | |
| Laboratory ID: | 10-363-08 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloroform | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Tetrachloroethene | 0.41 | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromoform | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-5M | | | | | |
| Laboratory ID: | 10-363-08 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,3-Trichloropropane | ND | 0.26 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>106</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>100</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>105</i> | <i>78-117</i> | | | | |



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Matrix: Water

Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|--------------|------|-----------|---------------|---------------|-------|
| Client ID: | MW-8D | | | | | |
| Laboratory ID: | 10-363-09 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloroform | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromoform | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-8D | | | | | |
| Laboratory ID: | 10-363-09 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,3-Trichloropropane | ND | 0.26 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>105</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>99</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>104</i> | <i>78-117</i> | | | | |



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VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|----------|------|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1030W2 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chloroform | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Bromoform | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |



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QUALITY CONTROL
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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1030W2 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,3-Trichloropropane | ND | 0.26 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 10-30-24 | 10-30-24 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 10-30-24 | 10-30-24 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>105</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>100</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>103</i> | <i>78-117</i> | | | | |



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 Laboratory Reference: 2410-363
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Water
 Units: ug/L

| Analyte | Result | | Spike Level | | Percent Recovery | | Recovery | RPD | RPD | Flags |
|-----------------------------|----------|------|-------------|------|------------------|--------|----------|-------|-----|-------|
| | | | | | Recovery | Limits | Limits | Limit | | |
| SPIKE BLANKS | | | | | | | | | | |
| Laboratory ID: | SB1030W2 | | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Dichlorodifluoromethane | 11.7 | 11.9 | 10.0 | 10.0 | 117 | 119 | 34-166 | 2 | 21 | |
| Chloromethane | 10.1 | 10.2 | 10.0 | 10.0 | 101 | 102 | 45-145 | 1 | 19 | |
| Vinyl Chloride | 10.9 | 10.8 | 10.0 | 10.0 | 109 | 108 | 67-130 | 1 | 15 | |
| Bromomethane | 11.3 | 11.8 | 10.0 | 10.0 | 113 | 118 | 27-165 | 4 | 36 | |
| Chloroethane | 10.8 | 10.7 | 10.0 | 10.0 | 108 | 107 | 61-132 | 1 | 18 | |
| Trichlorofluoromethane | 10.9 | 11.0 | 10.0 | 10.0 | 109 | 110 | 67-136 | 1 | 17 | |
| 1,1-Dichloroethene | 11.1 | 11.1 | 10.0 | 10.0 | 111 | 111 | 74-125 | 0 | 15 | |
| Iodomethane | 11.2 | 10.9 | 10.0 | 10.0 | 112 | 109 | 15-154 | 3 | 49 | |
| Methylene Chloride | 11.2 | 11.1 | 10.0 | 10.0 | 112 | 111 | 70-123 | 1 | 15 | |
| (trans) 1,2-Dichloroethene | 10.9 | 10.8 | 10.0 | 10.0 | 109 | 108 | 77-125 | 1 | 15 | |
| 1,1-Dichloroethane | 10.9 | 10.8 | 10.0 | 10.0 | 109 | 108 | 75-125 | 1 | 15 | |
| 2,2-Dichloropropane | 16.3 | 16.4 | 10.0 | 10.0 | 163 | 164 | 74-152 | 1 | 15 | I,I |
| (cis) 1,2-Dichloroethene | 11.3 | 11.4 | 10.0 | 10.0 | 113 | 114 | 78-130 | 1 | 15 | |
| Bromochloromethane | 11.3 | 11.3 | 10.0 | 10.0 | 113 | 113 | 79-132 | 0 | 15 | |
| Chloroform | 11.0 | 11.0 | 10.0 | 10.0 | 110 | 110 | 73-128 | 0 | 15 | |
| 1,1,1-Trichloroethane | 11.4 | 11.4 | 10.0 | 10.0 | 114 | 114 | 72-127 | 0 | 15 | |
| Carbon Tetrachloride | 11.6 | 11.7 | 10.0 | 10.0 | 116 | 117 | 68-131 | 1 | 15 | |
| 1,1-Dichloropropene | 11.1 | 11.1 | 10.0 | 10.0 | 111 | 111 | 73-125 | 0 | 15 | |
| 1,2-Dichloroethane | 11.5 | 11.5 | 10.0 | 10.0 | 115 | 115 | 68-133 | 0 | 15 | |
| Trichloroethene | 10.8 | 10.9 | 10.0 | 10.0 | 108 | 109 | 80-126 | 1 | 15 | |
| 1,2-Dichloropropane | 10.6 | 10.8 | 10.0 | 10.0 | 106 | 108 | 78-124 | 2 | 15 | |
| Dibromomethane | 10.8 | 11.1 | 10.0 | 10.0 | 108 | 111 | 76-131 | 3 | 15 | |
| Bromodichloromethane | 10.9 | 11.1 | 10.0 | 10.0 | 109 | 111 | 81-128 | 2 | 15 | |
| (cis) 1,3-Dichloropropene | 11.7 | 12.0 | 10.0 | 10.0 | 117 | 120 | 80-131 | 3 | 15 | |
| (trans) 1,3-Dichloropropene | 11.2 | 11.4 | 10.0 | 10.0 | 112 | 114 | 77-128 | 2 | 15 | |
| 1,1,2-Trichloroethane | 10.0 | 10.3 | 10.0 | 10.0 | 100 | 103 | 80-124 | 3 | 15 | |
| Tetrachloroethene | 10.1 | 10.3 | 10.0 | 10.0 | 101 | 103 | 80-125 | 2 | 15 | |
| 1,3-Dichloropropane | 9.79 | 10.1 | 10.0 | 10.0 | 98 | 101 | 82-121 | 3 | 15 | |
| Dibromochloromethane | 9.58 | 9.71 | 10.0 | 10.0 | 96 | 97 | 81-131 | 1 | 15 | |
| 1,2-Dibromoethane | 10.4 | 10.5 | 10.0 | 10.0 | 104 | 105 | 82-129 | 1 | 15 | |
| Chlorobenzene | 9.99 | 10.2 | 10.0 | 10.0 | 100 | 102 | 80-119 | 2 | 15 | |
| 1,1,1,2-Tetrachloroethane | 10.5 | 10.6 | 10.0 | 10.0 | 105 | 106 | 80-124 | 1 | 15 | |
| Bromoform | 10.8 | 11.1 | 10.0 | 10.0 | 108 | 111 | 77-131 | 3 | 15 | |



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VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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| Analyte | Result | | Spike Level | | Percent Recovery | | Recovery | RPD | RPD | Flags |
|-----------------------------|----------|------|-------------|------|------------------|-----|----------|-----|-------|-------|
| | | | | | SB | SBD | Limits | | Limit | |
| SPIKE BLANKS | | | | | | | | | | |
| Laboratory ID: | SB1030W2 | | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Bromobenzene | 9.53 | 9.58 | 10.0 | 10.0 | 95 | 96 | 73-131 | 1 | 15 | |
| 1,1,2,2-Tetrachloroethane | 9.73 | 10.0 | 10.0 | 10.0 | 97 | 100 | 66-138 | 3 | 15 | |
| 1,2,3-Trichloropropane | 7.65 | 8.00 | 10.0 | 10.0 | 77 | 80 | 67-127 | 4 | 18 | |
| 2-Chlorotoluene | 9.63 | 9.79 | 10.0 | 10.0 | 96 | 98 | 77-131 | 2 | 15 | |
| 4-Chlorotoluene | 9.68 | 9.80 | 10.0 | 10.0 | 97 | 98 | 79-133 | 1 | 15 | |
| 1,3-Dichlorobenzene | 9.80 | 10.0 | 10.0 | 10.0 | 98 | 100 | 79-131 | 2 | 15 | |
| 1,4-Dichlorobenzene | 9.67 | 9.90 | 10.0 | 10.0 | 97 | 99 | 78-127 | 2 | 15 | |
| 1,2-Dichlorobenzene | 9.85 | 10.0 | 10.0 | 10.0 | 99 | 100 | 79-129 | 2 | 15 | |
| 1,2-Dibromo-3-chloropropane | 9.91 | 10.2 | 10.0 | 10.0 | 99 | 102 | 62-140 | 3 | 18 | |
| 1,2,4-Trichlorobenzene | 10.3 | 10.6 | 10.0 | 10.0 | 103 | 106 | 72-142 | 3 | 21 | |
| Hexachlorobutadiene | 10.2 | 10.5 | 10.0 | 10.0 | 102 | 105 | 69-149 | 3 | 24 | |
| 1,2,3-Trichlorobenzene | 10.1 | 10.3 | 10.0 | 10.0 | 101 | 103 | 63-146 | 2 | 30 | |
| <i>Surrogate:</i> | | | | | | | | | | |
| Dibromofluoromethane | | | | | 106 | 106 | 68-133 | | | |
| Toluene-d8 | | | | | 102 | 102 | 79-123 | | | |
| 4-Bromofluorobenzene | | | | | 106 | 105 | 78-117 | | | |



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 Project: 21-07668-003

TOTAL METALS
EPA 6010D

Matrix: Water
 Units: ug/L (ppb)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 10-363-01 | | | | | |
| Iron | 1200 | 50 | EPA 6010D | 11-4-24 | 11-4-24 | |
| Manganese | 580 | 10 | EPA 6010D | 11-4-24 | 11-4-24 | |

| | | | | | | |
|-------------------|--------------|----|-----------|---------|---------|--|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 10-363-02 | | | | | |
| Iron | ND | 50 | EPA 6010D | 11-4-24 | 11-4-24 | |
| Manganese | ND | 10 | EPA 6010D | 11-4-24 | 11-4-24 | |



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 Project: 21-07668-003

**TOTAL METALS
 EPA 6010D
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---------------------|-----------|-----|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1104WH1 | | | | | |
| Iron | ND | 50 | EPA 6010D | 11-4-24 | 11-4-24 | |
| Manganese | ND | 10 | EPA 6010D | 11-4-24 | 11-4-24 | |

| Analyte | Result | Spike Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|------------------|-----------|-------------|---------------|------------------|-----------------|-----|-----------|-------|
| DUPLICATE | | | | | | | | |
| Laboratory ID: | 10-331-05 | | | | | | | |
| | ORIG | DUP | | | | | | |
| Iron | 317 | 323 | NA | NA | NA | NA | 2 | 20 |
| Manganese | 37.5 | 38.2 | NA | NA | NA | NA | 2 | 20 |

MATRIX SPIKES

| Laboratory ID: | MS | MSD | MS | MSD | MS | MSD | MSD | RPD | RPD Limit | |
|----------------|-------|-------|-------|-------|------|-----|-----|--------|-----------|----|
| 10-331-05 | | | | | | | | | | |
| Iron | 21500 | 21800 | 20000 | 20000 | 317 | 106 | 107 | 75-125 | 1 | 20 |
| Manganese | 571 | 579 | 500 | 500 | 37.5 | 107 | 108 | 75-125 | 2 | 20 |



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**TOTAL ORGANIC CARBON
 SM 5310B**

Matrix: Water
 Units: mg/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|----------------------|--------------|-----|----------|---------------|---------------|-------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 10-363-01 | | | | | |
| Total Organic Carbon | 38 | 1.0 | SM 5310B | 11-7-24 | 11-7-24 | |

| | | | | | | |
|----------------------|--------------|-----|----------|---------|---------|--|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 10-363-02 | | | | | |
| Total Organic Carbon | ND | 1.0 | SM 5310B | 11-7-24 | 11-7-24 | |



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 Project: 21-07668-003

**TOTAL ORGANIC CARBON
 SM 5310B
 QUALITY CONTROL**

Matrix: Water
 Units: mg/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|----------------------|-----------|-----|----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1107W1 | | | | | |
| Total Organic Carbon | ND | 1.0 | SM 5310B | 11-7-24 | 11-7-24 | |

| Analyte | Result | Spike Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|----------------------|-------------|-------------|---------------|------------------|-----------------|-----|-----------|-------|
| DUPLICATE | | | | | | | | |
| Laboratory ID: | 10-363-01 | | | | | | | |
| | ORIG | DUP | | | | | | |
| Total Organic Carbon | 38.1 | 38.4 | NA | NA | NA | 1 | 11 | |

| | | | | | | | | |
|----------------------|-------------|------|------|-----|--------|----|----|--|
| MATRIX SPIKE | | | | | | | | |
| Laboratory ID: | 10-363-01 | | | | | | | |
| | MS | MS | | MS | | | | |
| Total Organic Carbon | 48.8 | 10.0 | 38.1 | 107 | 85-120 | NA | NA | |

| | | | | | | | | |
|----------------------|-------------|------|----|-----|--------|----|----|--|
| SPIKE BLANK | | | | | | | | |
| Laboratory ID: | SB1107W1 | | | | | | | |
| | SB | SB | | SB | | | | |
| Total Organic Carbon | 11.1 | 10.0 | NA | 111 | 79-120 | NA | NA | |



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 Project: 21-07668-003

**DISSOLVED METALS
 EPA 6010D**

Matrix: Water
 Units: ug/L (ppb)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 10-363-01 | | | | | |
| Iron | 470 | 56 | EPA 6010D | | 11-6-24 | |
| Manganese | 550 | 11 | EPA 6010D | | 11-6-24 | |
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 10-363-02 | | | | | |
| Iron | ND | 56 | EPA 6010D | | 11-6-24 | |
| Manganese | ND | 11 | EPA 6010D | | 11-6-24 | |



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**DISSOLVED METALS
 EPA 6010D
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---------------------|----------|-----|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1105F1 | | | | | |
| Iron | ND | 56 | EPA 6010D | | 11-6-24 | |
| Manganese | ND | 11 | EPA 6010D | | 11-6-24 | |

| Analyte | Result | Spike Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|------------------|-----------|-------------|---------------|------------------|-----------------|-----|-----------|-------|
| DUPLICATE | | | | | | | | |
| Laboratory ID: | 11-026-02 | | | | | | | |
| | ORIG | DUP | | | | | | |
| Iron | ND | ND | NA | NA | NA | NA | 20 | |
| Manganese | 42.0 | 43.8 | NA | NA | NA | 4 | 20 | |

MATRIX SPIKES

| | | | | | | | | | | |
|----------------|-----------|-------|-------|-------|------|----|-----|--------|---|----|
| Laboratory ID: | 11-026-02 | | | | | | | | | |
| | MS | MSD | MS | MSD | | MS | MSD | | | |
| Iron | 20600 | 20800 | 22200 | 22200 | ND | 93 | 94 | 75-125 | 1 | 20 |
| Manganese | 535 | 530 | 556 | 556 | 42.0 | 89 | 88 | 75-125 | 1 | 20 |



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DISSOLVED GASES
RSK 175

Matrix: Water
 Units: ug/L (ppb)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-------------------|-------------------------|-----------------------|---------|---------------|---------------|-------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 10-363-01 | | | | | |
| Methane | 2.3 | 0.55 | RSK 175 | 11-1-24 | 11-1-24 | |
| Ethane | ND | 0.56 | RSK 175 | 11-1-24 | 11-1-24 | |
| Ethene | ND | 0.58 | RSK 175 | 11-1-24 | 11-1-24 | |
| Acetylene | ND | 3.1 | RSK 175 | 11-1-24 | 11-1-24 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>1-Butene</i> | <i>123</i> | <i>50-150</i> | | | | |

| | | | | | | |
|-------------------|-------------------------|-----------------------|---------|---------|---------|--|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 10-363-02 | | | | | |
| Methane | ND | 0.55 | RSK 175 | 11-1-24 | 11-1-24 | |
| Ethane | ND | 0.56 | RSK 175 | 11-1-24 | 11-1-24 | |
| Ethene | ND | 0.58 | RSK 175 | 11-1-24 | 11-1-24 | |
| Acetylene | ND | 3.1 | RSK 175 | 11-1-24 | 11-1-24 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>1-Butene</i> | <i>100</i> | <i>50-150</i> | | | | |



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 Laboratory Reference: 2410-363
 Project: 21-07668-003

**DISSOLVED GASES
 RSK 175
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---------------------|-------------------------|-----------------------|---------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1101W1 | | | | | |
| Methane | ND | 0.55 | RSK 175 | 11-1-24 | 11-1-24 | |
| Ethane | ND | 0.56 | RSK 175 | 11-1-24 | 11-1-24 | |
| Ethene | ND | 0.58 | RSK 175 | 11-1-24 | 11-1-24 | |
| Acetylene | ND | 3.1 | RSK 175 | 11-1-24 | 11-1-24 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| 1-Butene | 102 | 50-150 | | | | |

| Analyte | Result | | Spike Level | | Percent Recovery | | Recovery Limits | RPD | RPD Limit | Flags |
|--------------------|----------|------|-------------|------|------------------|-----|-----------------|-----|-----------|-------|
| SPIKE BLANK | | | | | | | | | | |
| Laboratory ID: | SB1101W1 | | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Methane | 45.7 | 45.1 | 44.2 | 44.2 | 103 | 102 | 75-125 | 1 | 25 | |
| Ethane | 85.9 | 84.5 | 83.2 | 83.2 | 103 | 102 | 75-125 | 2 | 25 | |
| Ethene | 82.8 | 81.9 | 77.7 | 77.7 | 107 | 105 | 75-125 | 1 | 25 | |
| Acetylene | 59.3 | 59.8 | 72.0 | 72.0 | 82 | 83 | 60-140 | 1 | 25 | |
| <i>Surrogate:</i> | | | | | | | | | | |
| 1-Butene | | | | | 108 | 105 | 50-150 | | | |



Date of Report: November 26, 2024
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 Laboratory Reference: 2410-363
 Project: 21-07668-003

SULFATE
ASTM D516-11

Matrix: Water
 Units: mg/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-------------------|--------------|-----|--------------|---------------|---------------|-------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 10-363-01 | | | | | |
| Sulfate | 24 | 5.0 | ASTM D516-11 | 11-4-24 | 11-4-24 | |

| | | | | | | |
|-------------------|--------------|-----|--------------|---------|---------|--|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 10-363-02 | | | | | |
| Sulfate | 5.6 | 5.0 | ASTM D516-11 | 11-4-24 | 11-4-24 | |



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**SULFATE
 ASTM D516-11
 QUALITY CONTROL**

Matrix: Water
 Units: mg/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---------------------|-----------|-----|--------------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1104W1 | | | | | |
| Sulfate | ND | 5.0 | ASTM D516-11 | 11-4-24 | 11-4-24 | |

| Analyte | Result | Spike Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|------------------|-----------|-------------|---------------|------------------|-----------------|-----|-----------|-------|
| DUPLICATE | | | | | | | | |
| Laboratory ID: | 10-343-07 | | | | | | | |
| | ORIG | DUP | | | | | | |
| Sulfate | ND | ND | NA | NA | NA | NA | 11 | |

| | | | | | | | | |
|---------------------|-------------|------|----|-----|--------|----|----|--|
| MATRIX SPIKE | | | | | | | | |
| Laboratory ID: | 10-343-07 | | | | | | | |
| | MS | MS | | MS | | | | |
| Sulfate | 10.4 | 10.0 | ND | 104 | 69-134 | NA | NA | |

| | | | | | | | | |
|--------------------|-------------|------|----|----|--------|----|----|--|
| SPIKE BLANK | | | | | | | | |
| Laboratory ID: | SB1104W1 | | | | | | | |
| | SB | SB | | SB | | | | |
| Sulfate | 8.68 | 10.0 | NA | 87 | 81-106 | NA | NA | |



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 Project: 21-07668-003

NITRATE (as Nitrogen)
EPA 353.2

Matrix: Water
 Units: mg/L-N

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-------------------|--------------|-------|-----------|---------------|---------------|-------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 10-363-01 | | | | | |
| Nitrate | 0.85 | 0.050 | EPA 353.2 | 10-29-24 | 10-29-24 | |

| | | | | | | |
|-------------------|--------------|-------|-----------|----------|----------|--|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 10-363-02 | | | | | |
| Nitrate | 2.0 | 0.050 | EPA 353.2 | 10-29-24 | 10-29-24 | |



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 Project: 21-07668-003

NITRATE (as Nitrogen)
EPA 353.2
QUALITY CONTROL

Matrix: Water
 Units: mg/L-N

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---------------------|-----------|-------|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1029W1 | | | | | |
| Nitrate | ND | 0.050 | EPA 353.2 | 10-29-24 | 10-29-24 | |

| Analyte | Result | Spike Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|------------------|--------------|--------------|---------------|------------------|-----------------|-----|-----------|-------|
| DUPLICATE | | | | | | | | |
| Laboratory ID: | 10-363-01 | | | | | | | |
| | ORIG | DUP | | | | | | |
| Nitrate | 0.849 | 0.790 | NA | NA | NA | 7 | 22 | |

| | | | | | | | | |
|---------------------|-------------|------|-------|-----|--------|----|----|--|
| MATRIX SPIKE | | | | | | | | |
| Laboratory ID: | 10-363-01 | | | | | | | |
| | MS | MS | | MS | | | | |
| Nitrate | 3.13 | 2.00 | 0.849 | 114 | 86-119 | NA | NA | |

| | | | | | | | | |
|--------------------|-------------|------|----|-----|--------|----|----|--|
| SPIKE BLANK | | | | | | | | |
| Laboratory ID: | SB1029W1 | | | | | | | |
| | SB | SB | | SB | | | | |
| Nitrate | 2.19 | 2.00 | NA | 110 | 85-117 | NA | NA | |



Date of Report: November 26, 2024
 Samples Submitted: October 29, 2024
 Laboratory Reference: 2410-363
 Project: 21-07668-003

NITRITE (as Nitrogen)
EPA 353.2

Matrix: Water
 Units: mg/L-N

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-------------------|--------------|-------|-----------|---------------|---------------|-------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 10-363-01 | | | | | |
| Nitrite | ND | 0.020 | EPA 353.2 | 10-29-24 | 10-29-24 | |

| | | | | | | |
|-------------------|--------------|-------|-----------|----------|----------|--|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 10-363-02 | | | | | |
| Nitrite | ND | 0.020 | EPA 353.2 | 10-29-24 | 10-29-24 | |



Date of Report: November 26, 2024
 Samples Submitted: October 29, 2024
 Laboratory Reference: 2410-363
 Project: 21-07668-003

NITRITE (as Nitrogen)
EPA 353.2
QUALITY CONTROL

Matrix: Water
 Units: mg/L-N

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---------------------|-----------|-------|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1029W1 | | | | | |
| Nitrite | ND | 0.020 | EPA 353.2 | 10-29-24 | 10-29-24 | |

| Analyte | Result | Spike Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|------------------|-----------|-------------|---------------|------------------|-----------------|-----|-----------|-------|
| DUPLICATE | | | | | | | | |
| Laboratory ID: | 10-363-01 | | | | | | | |
| | ORIG | DUP | | | | | | |
| Nitrite | ND | ND | NA | NA | NA | NA | 11 | |

| | | | | | | | | |
|---------------------|--------------|-------|----|----|--------|----|----|--|
| MATRIX SPIKE | | | | | | | | |
| Laboratory ID: | 10-363-01 | | | | | | | |
| | MS | MS | | MS | | | | |
| Nitrite | 0.236 | 0.250 | ND | 94 | 85-121 | NA | NA | |

| | | | | | | | | |
|--------------------|--------------|-------|----|----|--------|----|----|--|
| SPIKE BLANK | | | | | | | | |
| Laboratory ID: | SB1029W1 | | | | | | | |
| | SB | SB | | SB | | | | |
| Nitrite | 0.243 | 0.250 | NA | 97 | 91-116 | NA | NA | |



Date of Report: November 26, 2024
 Samples Submitted: October 29, 2024
 Laboratory Reference: 2410-363
 Project: 21-07668-003

TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
 Units: mg/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-------------------|--------------|-------|-----------|---------------|---------------|-------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 10-363-01 | | | | | |
| Total Phosphorus | 0.93 | 0.011 | EPA 365.1 | 11-4-24 | 11-6-24 | |

| | | | | | | |
|-------------------|--------------|-------|-----------|---------|---------|--|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 10-363-02 | | | | | |
| Total Phosphorus | 0.048 | 0.011 | EPA 365.1 | 11-4-24 | 11-6-24 | |



Date of Report: November 26, 2024
 Samples Submitted: October 29, 2024
 Laboratory Reference: 2410-363
 Project: 21-07668-003

**TOTAL PHOSPHORUS
 EPA 365.1
 QUALITY CONTROL**

Matrix: Water
 Units: mg/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---------------------|-----------|-------|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1104W1 | | | | | |
| Total Phosphorus | ND | 0.011 | EPA 365.1 | 11-4-24 | 11-6-24 | |

| Analyte | Result | Spike Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|------------------|--------------|--------------|---------------|------------------|-----------------|-----|-----------|-------|
| DUPLICATE | | | | | | | | |
| Laboratory ID: | 10-363-01 | | | | | | | |
| | ORIG | DUP | | | | | | |
| Total Phosphorus | 0.925 | 0.898 | NA | NA | NA | 3 | 23 | |

| | | | | | | | | |
|---------------------|-------------|-------|-------|----|--------|----|----|--|
| MATRIX SPIKE | | | | | | | | |
| Laboratory ID: | 10-363-01 | | | | | | | |
| | MS | MS | | MS | | | | |
| Total Phosphorus | 1.15 | 0.250 | 0.925 | 90 | 80-109 | NA | NA | |

| | | | | | | | | |
|--------------------|--------------|-------|----|----|--------|----|----|--|
| SPIKE BLANK | | | | | | | | |
| Laboratory ID: | SB1104W1 | | | | | | | |
| | SB | SB | | SB | | | | |
| Total Phosphorus | 0.238 | 0.250 | NA | 95 | 76-110 | NA | NA | |



Date of Report: November 26, 2024
 Samples Submitted: October 29, 2024
 Laboratory Reference: 2410-363
 Project: 21-07668-003

AMMONIA (as Nitrogen)
SM 4500-NH₃ D

Matrix: Water
 Units: mg/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-------------------|--------------|-------|---------------|---------------|---------------|-------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 10-363-01 | | | | | |
| Ammonia | 8.0 | 0.053 | SM 4500-NH3 D | 10-30-24 | 10-30-24 | |

| | | | | | | |
|-------------------|--------------|-------|---------------|----------|----------|--|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 10-363-02 | | | | | |
| Ammonia | ND | 0.053 | SM 4500-NH3 D | 10-30-24 | 10-30-24 | |



Date of Report: November 26, 2024
 Samples Submitted: October 29, 2024
 Laboratory Reference: 2410-363
 Project: 21-07668-003

**AMMONIA (as Nitrogen)
 SM 4500-NH₃ D
 QUALITY CONTROL**

Matrix: Water
 Units: mg/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---------------------|-----------|-------|---------------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB1030W1 | | | | | |
| Ammonia | ND | 0.053 | SM 4500-NH3 D | 10-30-24 | 10-30-24 | |

| Analyte | Result | Spike Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|------------------|--------------|--------------|---------------|------------------|-----------------|-----|-----------|-------|
| DUPLICATE | | | | | | | | |
| Laboratory ID: | 10-343-01 | | | | | | | |
| | ORIG | DUP | | | | | | |
| Ammonia | 0.165 | 0.171 | NA | NA | NA | NA | 4 | 15 |

| | | | | | | | | |
|---------------------|-------------|--|------|-------|----|--------|----|----|
| MATRIX SPIKE | | | | | | | | |
| Laboratory ID: | 10-343-01 | | | | | | | |
| | MS | | MS | | MS | | | |
| Ammonia | 5.08 | | 5.00 | 0.165 | 98 | 75-111 | NA | NA |

| | | | | | | | | |
|--------------------|-------------|--|------|----|----|--------|----|----|
| SPIKE BLANK | | | | | | | | |
| Laboratory ID: | SB1030W1 | | | | | | | |
| | SB | | SB | | SB | | | |
| Ammonia | 4.75 | | 5.00 | NA | 95 | 81-110 | NA | NA |





Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
 - B - The analyte indicated was also found in the blank sample.
 - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
 - E - The value reported exceeds the quantitation range and is an estimate.
 - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
 - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
 - I - Compound recovery is outside of the control limits.
 - J - The value reported was below the practical quantitation limit. The value is an estimate.
 - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
 - L - The RPD is outside of the control limits.
 - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
 - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
 - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
 - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
 - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
 - P - The RPD of the detected concentrations between the two columns is greater than 40.
 - Q - Surrogate recovery is outside of the control limits.
 - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
 - T - The sample chromatogram is not similar to a typical _____.
 - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
 - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
 - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
 - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
 - X - Sample extract treated with a mercury cleanup procedure.
 - X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.
 - X2 - Sample extract treated with a silica gel cleanup procedure.
 - Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
 - Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.
 - Z -
- ND - Not Detected at PQL
 PQL - Practical Quantitation Limit
 RPD - Relative Percent Difference



Am Test Inc.
13600 NE 126th Place Suite C
Kirkland, WA
(425) 885-1664
www.amtestlab.com



**Professional
Analytical
Services**

November 14, 2024

OnSite Environmental Inc.
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Project: OSE
Project Number: 21-07668-003
COC Number: 10-363

David Baumeister:

Enclosed please find the analytical data for your OSE project.

Your sample(s) were received on Tuesday, October 29, 2024 and properly maintained prior to the subsequent analysis. The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA, Standard Methods or the Army Corps of Engineers.

Following the analytical results you will find the Quality Control (QA/QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.
Sincerely,

A handwritten signature in black ink that reads "Aaron Young". The signature is written in a cursive, flowing style.

Aaron Young
President
aarony@amtestlab.com

Am Test Inc.
13600 NE 126th Place Suite C
Kirkland, WA
(425) 885-1664
www.amtestlab.com



**Professional
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Services**

ANALYSIS REPORT

Date Received: 10/29/24
Date Reported: 11/14/24

OnSite Environmental Inc.
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: OSE
Project #: 21-07668-003

Reported Samples

| Lab ID | Sample | Matrix | Qualifiers | Date Sampled | Date Received |
|-------------|--------|--------|------------|--------------|---------------|
| A24J0523-01 | MW-1S | Water | | 10/28/2024 | 10/29/2024 |
| A24J0523-02 | MW-1M | Water | | 10/28/2024 | 10/29/2024 |

Am Test Inc.
13600 NE 126th Place Suite C
Kirkland, WA
(425) 885-1664
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**Professional
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ANALYSIS REPORT

Date Received: 10/29/24

Date Reported: 11/14/24

OnSite Environmental Inc.

14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: OSE
Project #: 21-07668-003

AMTEST Identification Number: A24J0523-01

Client Identification: MW-1S

Sampling Date: 10/28/24 14:30

Biochemical Oxygen Demand

| PARAMETER | RESULT | UNITS | Q | R.L. | METHOD | ANALYST | DATE |
|--------------------------------|--------|-------|---|------|---------------|---------|------------|
| Biological Oxygen Demand (BOD) | 2 | mg/L | | 2 | SM 5210B_2011 | JM | 10/30/2024 |

Conventional Chemistry Parameters by APHA/EPA Methods

| PARAMETER | RESULT | UNITS | Q | R.L. | METHOD | ANALYST | DATE |
|-------------------------|--------|-------|---|-------|------------------|---------|------------|
| Total Nitrate + Nitrite | 0.775 | mg/L | | 0.020 | EPA 353.2_2_1993 | LF | 11/04/2024 |
| Total Kjeldahl Nitrogen | 42.2 | mg/L | | 5.00 | EPA 351.2_2_1993 | LF | 11/14/2024 |
| Total Nitrogen | 43.0 | mg/L | | | Calculated | LF | 11/14/2024 |

AMTEST Identification Number: A24J0523-02

Client Identification: MW-1M

Sampling Date: 10/28/24 15:45

Biochemical Oxygen Demand

| PARAMETER | RESULT | UNITS | Q | R.L. | METHOD | ANALYST | DATE |
|--------------------------------|--------|-------|---|------|---------------|---------|------------|
| Biological Oxygen Demand (BOD) | ND | mg/L | U | 2 | SM 5210B_2011 | JM | 10/30/2024 |

Conventional Chemistry Parameters by APHA/EPA Methods

| PARAMETER | RESULT | UNITS | Q | R.L. | METHOD | ANALYST | DATE |
|-------------------------|--------|-------|---|-------|------------------|---------|------------|
| Total Nitrate + Nitrite | 2.02 | mg/L | | 0.020 | EPA 353.2_2_1993 | LF | 11/04/2024 |
| Total Kjeldahl Nitrogen | 0.51 | mg/L | | 0.25 | EPA 351.2_2_1993 | LF | 11/14/2024 |
| Total Nitrogen | 2.54 | mg/L | | | Calculated | LF | 11/14/2024 |

ANALYSIS REPORT

Date Received: 10/29/24

Date Reported: 11/14/24

OnSite Environmental Inc.
 14648 NE 95th ST
 Redmond, WA 98052
 Attention: David Baumeister
 Project Name: OSE
 Project #: 21-07668-003

Quality Control

Biochemical Oxygen Demand

| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch: BBK0031 - No Prep - WetChem

Calibration Blank (BBK0031-CCB1)

Prepared & Analyzed: 10/30/24

Biological Oxygen Demand (BOD) ND U mg/L

Duplicate (BBK0031-DUP2)

Source: A24J0529-02

Prepared & Analyzed: 10/30/24

Biological Oxygen Demand (BOD) ND U 2 mg/L ND 35.5

Quality Control

Conventional Chemistry Parameters by APHA/EPA Methods

| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch: BBK0012 - No Prep - WetChem

Blank (BBK0012-BLK1)

Prepared & Analyzed: 11/04/24

Total Nitrate + Nitrite ND U 0.020 mg/L

Blank (BBK0012-BLK2)

Prepared & Analyzed: 11/04/24

Total Nitrate + Nitrite ND U 0.020 mg/L

Blank (BBK0012-BLK3)

Prepared & Analyzed: 11/04/24

Total Nitrate + Nitrite ND U 0.020 mg/L

Blank (BBK0012-BLK4)

Prepared & Analyzed: 11/04/24

Total Nitrate + Nitrite ND U 0.020 mg/L

Blank (BBK0012-BLK5)

Prepared & Analyzed: 11/04/24

Total Nitrate + Nitrite ND U 0.020 mg/L

LCS (BBK0012-BS1)

Prepared & Analyzed: 11/04/24

Total Nitrate + Nitrite 0.504 0.020 mg/L 0.5000 101% 90-110%

LCS (BBK0012-BS2)

Prepared & Analyzed: 11/04/24

Total Nitrate + Nitrite 0.490 0.020 mg/L 0.5000 98% 90-110%

LCS (BBK0012-BS3)

Prepared & Analyzed: 11/04/24

Total Nitrate + Nitrite 0.519 0.020 mg/L 0.5000 104% 90-110%

ANALYSIS REPORT

Date Received: 10/29/24

Date Reported: 11/14/24

OnSite Environmental Inc.

14648 NE 95th ST
 Redmond, WA 98052
 Attention: David Baumeister
 Project Name: OSE
 Project #: 21-07668-003

Quality Control
 (Continued)

Conventional Chemistry Parameters by APHA/EPA Methods (Continued)

| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch: BBK0012 - No Prep - WetChem (Continued)

LCS (BBK0012-BS4)

Total Nitrate + Nitrite 0.508 0.020 mg/L 0.5000 102% 90-110%
 Prepared & Analyzed: 11/04/24

LCS (BBK0012-BS5)

Total Nitrate + Nitrite 0.512 0.020 mg/L 0.5000 102% 90-110%
 Prepared & Analyzed: 11/04/24

Calibration Blank (BBK0012-CCB1)

Total Nitrate + Nitrite 0.004 mg/L
 Prepared & Analyzed: 11/04/24

Calibration Blank (BBK0012-CCB2)

Total Nitrate + Nitrite 0.007 mg/L
 Prepared & Analyzed: 11/04/24

Calibration Blank (BBK0012-CCB3)

Total Nitrate + Nitrite 0.009 mg/L
 Prepared & Analyzed: 11/04/24

Calibration Blank (BBK0012-CCB4)

Total Nitrate + Nitrite 0.007 mg/L
 Prepared & Analyzed: 11/04/24

Calibration Blank (BBK0012-CCB5)

Total Nitrate + Nitrite 0.006 mg/L
 Prepared & Analyzed: 11/04/24

Calibration Blank (BBK0012-CCB6)

Total Nitrate + Nitrite 0.008 mg/L
 Prepared & Analyzed: 11/04/24

Calibration Blank (BBK0012-CCB7)

Total Nitrate + Nitrite 0.009 mg/L
 Prepared & Analyzed: 11/04/24

Calibration Blank (BBK0012-CCB8)

Total Nitrate + Nitrite 0.008 mg/L
 Prepared & Analyzed: 11/04/24

Calibration Blank (BBK0012-CCB9)

Total Nitrate + Nitrite 0.007 mg/L
 Prepared & Analyzed: 11/04/24

Calibration Check (BBK0012-CCV1)

Total Nitrate + Nitrite 1.01 0.020 mg/L 1.000 101% 85-115%
 Prepared & Analyzed: 11/04/24

Calibration Check (BBK0012-CCV2)

Total Nitrate + Nitrite 1.03 0.020 mg/L 1.000 103% 85-115%
 Prepared & Analyzed: 11/04/24

ANALYSIS REPORT

Date Received: 10/29/24

Date Reported: 11/14/24

OnSite Environmental Inc.
 14648 NE 95th ST
 Redmond, WA 98052
 Attention: David Baumeister
 Project Name: OSE
 Project #: 21-07668-003

**Quality Control
 (Continued)**

Conventional Chemistry Parameters by APHA/EPA Methods (Continued)

| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---|--------|------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
| Batch: BBK0012 - No Prep - WetChem (Continued) | | | | | | | | | | |
| Calibration Check (BBK0012-CCV3) | | | | | | | | | | |
| Total Nitrate + Nitrite | 1.01 | | 0.020 | mg/L | 1.000 | | 101% | 85-115% | | |
| Prepared & Analyzed: 11/04/24 | | | | | | | | | | |
| Calibration Check (BBK0012-CCV4) | | | | | | | | | | |
| Total Nitrate + Nitrite | 1.02 | | 0.020 | mg/L | 1.000 | | 102% | 85-115% | | |
| Prepared & Analyzed: 11/04/24 | | | | | | | | | | |
| Calibration Check (BBK0012-CCV5) | | | | | | | | | | |
| Total Nitrate + Nitrite | 0.996 | | 0.020 | mg/L | 1.000 | | 100% | 85-115% | | |
| Prepared & Analyzed: 11/04/24 | | | | | | | | | | |
| Calibration Check (BBK0012-CCV6) | | | | | | | | | | |
| Total Nitrate + Nitrite | 0.975 | | 0.020 | mg/L | 1.000 | | 98% | 85-115% | | |
| Prepared & Analyzed: 11/04/24 | | | | | | | | | | |
| Calibration Check (BBK0012-CCV7) | | | | | | | | | | |
| Total Nitrate + Nitrite | 1.01 | | 0.020 | mg/L | 1.000 | | 101% | 85-115% | | |
| Prepared & Analyzed: 11/04/24 | | | | | | | | | | |
| Calibration Check (BBK0012-CCV8) | | | | | | | | | | |
| Total Nitrate + Nitrite | 0.993 | | 0.020 | mg/L | 1.000 | | 99% | 85-115% | | |
| Prepared & Analyzed: 11/04/24 | | | | | | | | | | |
| Calibration Check (BBK0012-CCV9) | | | | | | | | | | |
| Total Nitrate + Nitrite | 1.03 | | 0.020 | mg/L | 1.000 | | 103% | 85-115% | | |
| Prepared & Analyzed: 11/04/24 | | | | | | | | | | |
| Duplicate (BBK0012-DUP1) | | | | | | | | | | |
| Total Nitrate + Nitrite | 0.500 | | 0.020 | mg/L | | 0.502 | | | 0.4 | 20 |
| Source: A24J0490-10 Prepared & Analyzed: 11/04/24 | | | | | | | | | | |
| Duplicate (BBK0012-DUP2) | | | | | | | | | | |
| Total Nitrate + Nitrite | 1.51 | | 0.020 | mg/L | | 1.53 | | | 1 | 20 |
| Source: A24J0490-20 Prepared & Analyzed: 11/04/24 | | | | | | | | | | |
| Duplicate (BBK0012-DUP3) | | | | | | | | | | |
| Total Nitrate + Nitrite | 0.830 | | 0.020 | mg/L | | 0.814 | | | 2 | 20 |
| Source: A24J0490-30 Prepared & Analyzed: 11/04/24 | | | | | | | | | | |
| Duplicate (BBK0012-DUP4) | | | | | | | | | | |
| Total Nitrate + Nitrite | ND | U | 0.020 | mg/L | | ND | | | | 20 |
| Source: A24J0490-40 Prepared & Analyzed: 11/04/24 | | | | | | | | | | |
| Duplicate (BBK0012-DUP5) | | | | | | | | | | |
| Total Nitrate + Nitrite | ND | U | 0.020 | mg/L | | ND | | | | 20 |
| Source: A24J0490-50 Prepared & Analyzed: 11/04/24 | | | | | | | | | | |
| Duplicate (BBK0012-DUP6) | | | | | | | | | | |
| Total Nitrate + Nitrite | 0.462 | | 0.020 | mg/L | | 0.475 | | | 3 | 20 |
| Source: A24J0513-03 Prepared & Analyzed: 11/04/24 | | | | | | | | | | |

ANALYSIS REPORT

Date Received: 10/29/24

Date Reported: 11/14/24

OnSite Environmental Inc.
 14648 NE 95th ST
 Redmond, WA 98052
 Attention: David Baumeister
 Project Name: OSE
 Project #: 21-07668-003

**Quality Control
 (Continued)**

Conventional Chemistry Parameters by APHA/EPA Methods (Continued)

| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch: BBK0012 - No Prep - WetChem (Continued)

Duplicate (BBK0012-DUP7)

Source: A24J0520-02

Prepared & Analyzed: 11/04/24

| | | | | | | | | | | |
|-------------------------|------|--|-------|------|--|------|--|--|---|----|
| Total Nitrate + Nitrite | 1.73 | | 0.020 | mg/L | | 1.68 | | | 3 | 20 |
|-------------------------|------|--|-------|------|--|------|--|--|---|----|

Duplicate (BBK0012-DUP8)

Source: A24J0534-03

Prepared & Analyzed: 11/04/24

| | | | | | | | | | | |
|-------------------------|------|--|-------|------|--|------|--|--|---|----|
| Total Nitrate + Nitrite | 5.35 | | 0.200 | mg/L | | 5.58 | | | 4 | 20 |
|-------------------------|------|--|-------|------|--|------|--|--|---|----|

Matrix Spike (BBK0012-MS1)

Source: A24J0490-10

Prepared & Analyzed: 11/04/24

| | | | | | | | | | | |
|-------------------------|------|--|-------|------|-------|-------|------|---------|--|--|
| Total Nitrate + Nitrite | 1.52 | | 0.020 | mg/L | 1.000 | 0.502 | 102% | 85-115% | | |
|-------------------------|------|--|-------|------|-------|-------|------|---------|--|--|

Matrix Spike (BBK0012-MS2)

Source: A24J0490-20

Prepared & Analyzed: 11/04/24

| | | | | | | | | | | |
|-------------------------|------|--|-------|------|-------|------|-----|---------|--|--|
| Total Nitrate + Nitrite | 2.50 | | 0.020 | mg/L | 1.000 | 1.53 | 97% | 85-115% | | |
|-------------------------|------|--|-------|------|-------|------|-----|---------|--|--|

Matrix Spike (BBK0012-MS3)

Source: A24J0490-30

Prepared & Analyzed: 11/04/24

| | | | | | | | | | | |
|-------------------------|------|--|-------|------|-------|-------|------|---------|--|--|
| Total Nitrate + Nitrite | 1.84 | | 0.020 | mg/L | 1.000 | 0.814 | 103% | 85-115% | | |
|-------------------------|------|--|-------|------|-------|-------|------|---------|--|--|

Matrix Spike (BBK0012-MS4)

Source: A24J0490-40

Prepared & Analyzed: 11/04/24

| | | | | | | | | | | |
|-------------------------|-------|--|-------|------|-------|----|-----|---------|--|--|
| Total Nitrate + Nitrite | 0.987 | | 0.020 | mg/L | 1.000 | ND | 99% | 85-115% | | |
|-------------------------|-------|--|-------|------|-------|----|-----|---------|--|--|

Matrix Spike (BBK0012-MS5)

Source: A24J0490-50

Prepared & Analyzed: 11/04/24

| | | | | | | | | | | |
|-------------------------|-------|--|-------|------|-------|----|------|---------|--|--|
| Total Nitrate + Nitrite | 0.997 | | 0.020 | mg/L | 1.000 | ND | 100% | 85-115% | | |
|-------------------------|-------|--|-------|------|-------|----|------|---------|--|--|

Matrix Spike (BBK0012-MS6)

Source: A24J0513-03

Prepared & Analyzed: 11/04/24

| | | | | | | | | | | |
|-------------------------|------|--|-------|------|-------|-------|------|---------|--|--|
| Total Nitrate + Nitrite | 1.49 | | 0.020 | mg/L | 1.000 | 0.475 | 101% | 85-115% | | |
|-------------------------|------|--|-------|------|-------|-------|------|---------|--|--|

Matrix Spike (BBK0012-MS7)

Source: A24J0520-02

Prepared & Analyzed: 11/04/24

| | | | | | | | | | | |
|-------------------------|------|--|-------|------|-------|------|------|---------|--|--|
| Total Nitrate + Nitrite | 2.76 | | 0.020 | mg/L | 1.000 | 1.68 | 108% | 85-115% | | |
|-------------------------|------|--|-------|------|-------|------|------|---------|--|--|

Matrix Spike (BBK0012-MS8)

Source: A24J0534-03

Prepared & Analyzed: 11/04/24

| | | | | | | | | | | |
|-------------------------|------|--|-------|------|-------|------|-----|---------|--|--|
| Total Nitrate + Nitrite | 15.2 | | 0.200 | mg/L | 10.00 | 5.58 | 96% | 85-115% | | |
|-------------------------|------|--|-------|------|-------|------|-----|---------|--|--|

Batch: BBK0089 - No Prep - WetChem

Blank (BBK0089-BLK1)

Prepared: 11/13/24 Analyzed: 11/14/24

| | | | | | | | | | | |
|-------------------------|----|---|------|------|--|--|--|--|--|--|
| Total Kjeldahl Nitrogen | ND | U | 0.25 | mg/L | | | | | | |
|-------------------------|----|---|------|------|--|--|--|--|--|--|

Blank (BBK0089-BLK2)

Prepared: 11/13/24 Analyzed: 11/14/24

| | | | | | | | | | | |
|-------------------------|----|---|------|------|--|--|--|--|--|--|
| Total Kjeldahl Nitrogen | ND | U | 0.25 | mg/L | | | | | | |
|-------------------------|----|---|------|------|--|--|--|--|--|--|

ANALYSIS REPORT

Date Received: 10/29/24

Date Reported: 11/14/24

OnSite Environmental Inc.
 14648 NE 95th ST
 Redmond, WA 98052
 Attention: David Baumeister
 Project Name: OSE
 Project #: 21-07668-003

**Quality Control
 (Continued)**

Conventional Chemistry Parameters by APHA/EPA Methods (Continued)

| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---|--------|------|-----------------|-------|---------------------------------------|---------------|------|-------------|-----|-----------|
| Batch: BBK0089 - No Prep - WetChem (Continued) | | | | | | | | | | |
| Blank (BBK0089-BLK3) | | | | | | | | | | |
| | | | | | Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | ND | U | 0.25 | mg/L | | | | | | |
| LCS (BBK0089-BS1) | | | | | | | | | | |
| | | | | | Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | 0.51 | | 0.25 | mg/L | 0.5000 | | 101% | 85-115% | | |
| LCS (BBK0089-BS2) | | | | | | | | | | |
| | | | | | Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | 0.51 | | 0.25 | mg/L | 0.5000 | | 103% | 85-115% | | |
| LCS (BBK0089-BS3) | | | | | | | | | | |
| | | | | | Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | 0.51 | | 0.25 | mg/L | 0.5000 | | 102% | 85-115% | | |
| Calibration Blank (BBK0089-CCB1) | | | | | | | | | | |
| | | | | | Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | ND | U | | mg/L | | | | | | |
| Calibration Blank (BBK0089-CCB2) | | | | | | | | | | |
| | | | | | Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | ND | U | | mg/L | | | | | | |
| Calibration Blank (BBK0089-CCB3) | | | | | | | | | | |
| | | | | | Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | ND | U | | mg/L | | | | | | |
| Calibration Blank (BBK0089-CCB4) | | | | | | | | | | |
| | | | | | Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | ND | U | | mg/L | | | | | | |
| Calibration Blank (BBK0089-CCB5) | | | | | | | | | | |
| | | | | | Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | ND | U | | mg/L | | | | | | |
| Calibration Check (BBK0089-CCV1) | | | | | | | | | | |
| | | | | | Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | 1.03 | | 0.25 | mg/L | 1.000 | | 103% | 85-115% | | |
| Calibration Check (BBK0089-CCV2) | | | | | | | | | | |
| | | | | | Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | 1.02 | | 0.25 | mg/L | 1.000 | | 102% | 85-115% | | |
| Calibration Check (BBK0089-CCV3) | | | | | | | | | | |
| | | | | | Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | 1.02 | | 0.25 | mg/L | 1.000 | | 102% | 85-115% | | |
| Calibration Check (BBK0089-CCV4) | | | | | | | | | | |
| | | | | | Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | 1.02 | | 0.25 | mg/L | 1.000 | | 102% | 85-115% | | |

ANALYSIS REPORT

Date Received: 10/29/24

Date Reported: 11/14/24

OnSite Environmental Inc.
 14648 NE 95th ST
 Redmond, WA 98052
 Attention: David Baumeister
 Project Name: OSE
 Project #: 21-07668-003

**Quality Control
 (Continued)**

Conventional Chemistry Parameters by APHA/EPA Methods (Continued)

| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---|--------|------|-----------------|-------|---|---------------|------|-------------|-----|-----------|
| Batch: BBK0089 - No Prep - WetChem (Continued) | | | | | | | | | | |
| Calibration Check (BBK0089-CCV5) | | | | | Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | 1.00 | | 0.25 | mg/L | 1.000 | | 100% | 85-115% | | |
| Duplicate (BBK0089-DUP1) | | | | | Source: A24J0490-56 Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | 3.47 | | 0.25 | mg/L | | 3.30 | | | 5 | 25 |
| Duplicate (BBK0089-DUP2) | | | | | Source: A24J0555-04 Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | 1.23 | | 0.25 | mg/L | | 1.42 | | | 14 | 25 |
| Duplicate (BBK0089-DUP3) | | | | | Source: A24J0556-01 Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | 0.54 | | 0.25 | mg/L | | 0.54 | | | 0.4 | 25 |
| Duplicate (BBK0089-DUP4) | | | | | Source: A24K0012-04 Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | 18.8 | | 5.00 | mg/L | | 20.3 | | | 8 | 25 |
| Duplicate (BBK0089-DUP5) | | | | | Source: A24K0012-06 Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | 5.19 | | 5.00 | mg/L | | 5.80 | | | 11 | 25 |
| Matrix Spike (BBK0089-MS1) | | | | | Source: A24J0490-56 Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | 5.31 | | 0.25 | mg/L | 2.000 | 3.30 | 100% | 80-120% | | |
| Matrix Spike (BBK0089-MS2) | | | | | Source: A24J0555-04 Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | 3.45 | | 0.25 | mg/L | 2.000 | 1.42 | 102% | 80-120% | | |
| Matrix Spike (BBK0089-MS3) | | | | | Source: A24J0556-01 Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | 2.61 | | 0.25 | mg/L | 2.000 | 0.54 | 103% | 80-120% | | |
| Matrix Spike (BBK0089-MS4) | | | | | Source: A24K0012-04 Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | 40.3 | | 5.00 | mg/L | 20.00 | 20.3 | 100% | 80-120% | | |
| Matrix Spike (BBK0089-MS5) | | | | | Source: A24K0012-06 Prepared: 11/13/24 Analyzed: 11/14/24 | | | | | |
| Total Kjeldahl Nitrogen | 26.3 | | 5.00 | mg/L | 20.00 | 5.80 | 102% | 80-120% | | |

Am Test Inc.
13600 NE 126th Place Suite C
Kirkland, WA
(425) 885-1664
www.amtestlab.com



**Professional
Analytical
Services**

ANALYSIS REPORT

Date Received: 10/29/24
Date Reported: 11/14/24

OnSite Environmental Inc.
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: OSE
Project #: 21-07668-003

Notes and Definitions

| Item | Definition |
|---------------|--|
| U | The compound was analyzed for but was not detected (Non-detect) at or above the MRL/MDL. |
| Dry | Sample results reported on a dry weight basis. |
| ND | Analyte NOT DETECTED at or above the reporting limit. |
| RPD | Relative Percent Difference |
| %REC | Percent Recovery |
| Source | Sample that was matrix spiked or duplicated. |

Herrera Environmental

George Iftner

2200 Sixth Ave, Ste 1100

Seattle, WA 98121

RE: Lakewood Towne Ctr., 21-07668-003

Work Order Number: 2410549

October 31, 2024

Attention George Iftner:

Fremont Analytical, Inc, an Alliance Technical Group company, received 2 sample(s) on 10/29/2024 for the analyses presented in the following report.

Ferrous Iron by SM3500-Fe B

All analyses were performed according to our accredited Quality Assurance program. Please contact the laboratory if you should have any questions about the results.

Please note, while the appearance of our logo and branding will update, our commitment to accuracy, speed, and customer service remain values celebrated and shared by Alliance Technical Group. Thank you for the opportunity to serve you.

Sincerely,



Brianna Barnes
Project Manager

*DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.4 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910*

Original





Date: 10/31/2024

CLIENT: Herrera Environmental
Project: Lakewood Towne Ctr.
Work Order: 2410549

Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Date/Time Collected | Date/Time Received |
|---------------|------------------|---------------------|--------------------|
| 2410549-001 | MW-1S | 10/28/2024 2:30 PM | 10/29/2024 9:06 AM |
| 2410549-002 | MW-1M | 10/28/2024 3:45 PM | 10/29/2024 9:06 AM |

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

Original

CLIENT: Herrera Environmental

Project: Lakewood Towne Ctr.

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

- * - Flagged value is not within established control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below Reporting Limit
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Reporting Limit
- R - High relative percent difference observed

Acronyms:

- %Rec - Percent Recovery
- CCB - Continued Calibration Blank
- CCV - Continued Calibration Verification
- DF - Dilution Factor
- DUP - Sample Duplicate
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MCL - Maximum Contaminant Level
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- REP - Sample Replicate
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate

CLIENT: Herrera Environmental
Project: Lakewood Towne Ctr.

Lab ID: 2410549-001

Collection Date: 10/28/2024 2:30:00 PM

Client Sample ID: MW-1S

Matrix: Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|-------|------|-------|------------------|------------------------|
| <u>Ferrous Iron by SM3500-Fe B</u> | | | | | Batch ID: R95310 | Analyst: BB |
| Ferrous Iron | 0.155 | 0.150 | | mg/L | 1 | 10/29/2024 11:48:08 AM |

Lab ID: 2410549-002

Collection Date: 10/28/2024 3:45:00 PM

Client Sample ID: MW-1M

Matrix: Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|-------|------|-------|------------------|------------------------|
| <u>Ferrous Iron by SM3500-Fe B</u> | | | | | Batch ID: R95310 | Analyst: BB |
| Ferrous Iron | ND | 0.150 | | mg/L | 1 | 10/29/2024 11:48:08 AM |

Work Order: 2410549
CLIENT: Herrera Environmental
Project: Lakewood Towne Ctr.

QC SUMMARY REPORT
Ferrous Iron by SM3500-Fe B

| | | | | | | | | | | | |
|-----------------------------|-------------------------|--------------------|----------------------------------|-----------------------|------|----------|-----------|-------------|------|----------|------|
| Sample ID: MB-R95310 | SampType: MBLK | Units: mg/L | Prep Date: 10/29/2024 | RunNo: 95310 | | | | | | | |
| Client ID: MBLKW | Batch ID: R95310 | | Analysis Date: 10/29/2024 | SeqNo: 1989220 | | | | | | | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Ferrous Iron | ND | 0.150 | | | | | | | | | |

| | | | | | | | | | | | |
|------------------------------|-------------------------|--------------------|----------------------------------|-----------------------|------|----------|-----------|-------------|------|----------|------|
| Sample ID: LCS-R95310 | SampType: LCS | Units: mg/L | Prep Date: 10/29/2024 | RunNo: 95310 | | | | | | | |
| Client ID: LCSW | Batch ID: R95310 | | Analysis Date: 10/29/2024 | SeqNo: 1989221 | | | | | | | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Ferrous Iron | 0.387 | 0.150 | 0.4000 | 0 | 96.7 | 85 | 115 | | | | |

| | | | | | | | | | | | |
|-----------------------------------|-------------------------|--------------------|----------------------------------|-----------------------|------|----------|-----------|-------------|------|----------|------|
| Sample ID: 2410549-001ADUP | SampType: DUP | Units: mg/L | Prep Date: 10/29/2024 | RunNo: 95310 | | | | | | | |
| Client ID: MW-1S | Batch ID: R95310 | | Analysis Date: 10/29/2024 | SeqNo: 1989223 | | | | | | | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Ferrous Iron | 0.184 | 0.150 | | | | | | 0.1547 | 17.2 | 20 | |

| | | | | | | | | | | | |
|----------------------------------|-------------------------|--------------------|----------------------------------|-----------------------|------|----------|-----------|-------------|------|----------|------|
| Sample ID: 2410549-001AMS | SampType: MS | Units: mg/L | Prep Date: 10/29/2024 | RunNo: 95310 | | | | | | | |
| Client ID: MW-1S | Batch ID: R95310 | | Analysis Date: 10/29/2024 | SeqNo: 1989224 | | | | | | | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Ferrous Iron | 0.474 | 0.150 | 0.4000 | 0.1547 | 79.8 | 70 | 130 | | | | |

| | | | | | | | | | | | |
|-----------------------------------|-------------------------|--------------------|----------------------------------|-----------------------|------|----------|-----------|-------------|------|----------|------|
| Sample ID: 2410549-001AMSD | SampType: MSD | Units: mg/L | Prep Date: 10/29/2024 | RunNo: 95310 | | | | | | | |
| Client ID: MW-1S | Batch ID: R95310 | | Analysis Date: 10/29/2024 | SeqNo: 1989225 | | | | | | | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Ferrous Iron | 0.439 | 0.150 | 0.4000 | 0.1547 | 71.1 | 70 | 130 | 0.4739 | 7.63 | 30 | |

| | |
|--------------------------|--------------------------------------|
| Client Name: HERRE | Work Order Number: 2410549 |
| Logged by: Morgan Wilson | Date Received: 10/29/2024 9:06:00 AM |

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
2. How was the sample delivered? Client

Log In

3. Custody Seals present on shipping container/cooler?
(Refer to comments for Custody Seals not intact) Yes No Not Present
4. Was an attempt made to cool the samples? Yes No NA
5. Were all items received at a temperature of >2°C to 6°C * Yes No NA
6. Sample(s) in proper container(s)? Yes No
7. Sufficient sample volume for indicated test(s)? Yes No
8. Are samples properly preserved? Yes No
9. Was preservative added to bottles? Yes No NA
10. Is there headspace in the VOA vials? Yes No NA
11. Did all samples containers arrive in good condition(unbroken)? Yes No
12. Does paperwork match bottle labels? Yes No
13. Are matrices correctly identified on Chain of Custody? Yes No
14. Is it clear what analyses were requested? Yes No
15. Were all hold times (except field parameters, pH e.g.) able to be met? Yes No

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes No NA

| | | | |
|----------------------|----------------------|-------|---|
| Person Notified: | <input type="text"/> | Date: | <input type="text"/> |
| By Whom: | <input type="text"/> | Via: | <input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person |
| Regarding: | <input type="text"/> | | |
| Client Instructions: | <input type="text"/> | | |

17. Additional remarks:

Item Information

| Item # | Temp °C |
|--------|---------|
| Sample | 1.6 |

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

February 5, 2025

George Iftner
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 21-07668-003
Laboratory Reference No. 2501-310

Dear George:

Enclosed are the analytical results and associated quality control data for samples submitted on January 29, 2025.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal flourish extending to the right.

David Baumeister
Project Manager

Enclosures



Date of Report: February 5, 2025
Samples Submitted: January 29, 2025
Laboratory Reference: 2501-310
Project: 21-07668-003

Case Narrative

Samples were collected on January 29, 2025 and received by the laboratory on January 29, 2025. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Volatiles EPA 8260D Analysis

The percent recovery for Methylene Chloride, (trans) 1,3-Dichloropropene, and Dibromochloromethane is outside the control limits in the Spike Blank or Spike Blank Duplicate. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

The RPD for Chloromethane, Methylene Chloride, and Dibromochloromethane is outside the control limits for the Spike Blank/Spike Blank Duplicate. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.



Date of Report: February 5, 2025
 Samples Submitted: January 29, 2025
 Laboratory Reference: 2501-310
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
 page 1 of 2

Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 01-310-01 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,2-Dichloroethene | 0.76 | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichloroethene | 0.38 | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Tetrachloroethene | 0.90 | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 01-310-01 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>93</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>103</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>100</i> | <i>78-117</i> | | | | |



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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 01-310-02 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Tetrachloroethene | 0.32 | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 01-310-02 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>96</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>104</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>97</i> | <i>78-117</i> | | | | |



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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-1D | | | | | |
| Laboratory ID: | 01-310-03 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-1D | | | | | |
| Laboratory ID: | 01-310-03 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>93</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>102</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>100</i> | <i>78-117</i> | | | | |



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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-2D | | | | | |
| Laboratory ID: | 01-310-04 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Tetrachloroethene | 0.56 | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-2D | | | | | |
| Laboratory ID: | 01-310-04 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>95</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>105</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>101</i> | <i>78-117</i> | | | | |



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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-4 | | | | | |
| Laboratory ID: | 01-310-05 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,2-Dichloroethene | 0.28 | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Tetrachloroethene | 0.37 | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-4 | | | | | |
| Laboratory ID: | 01-310-05 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>97</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>102</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>101</i> | <i>78-117</i> | | | | |



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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-4M | | | | | |
| Laboratory ID: | 01-310-06 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Tetrachloroethene | 0.32 | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-4M | | | | | |
| Laboratory ID: | 01-310-06 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>95</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>101</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>95</i> | <i>78-117</i> | | | | |



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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-5 | | | | | |
| Laboratory ID: | 01-310-07 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Tetrachloroethene | 0.27 | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-5 | | | | | |
| Laboratory ID: | 01-310-07 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | 93 | 68-133 | | | | |
| <i>Toluene-d8</i> | 100 | 79-123 | | | | |
| <i>4-Bromofluorobenzene</i> | 96 | 78-117 | | | | |



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Matrix: Water

Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-8D | | | | | |
| Laboratory ID: | 01-310-08 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-8D | | | | | |
| Laboratory ID: | 01-310-08 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>91</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>101</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>98</i> | <i>78-117</i> | | | | |



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Matrix: Water

Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-7S | | | | | |
| Laboratory ID: | 01-310-09 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-7S | | | | | |
| Laboratory ID: | 01-310-09 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>93</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>103</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>100</i> | <i>78-117</i> | | | | |



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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-9 | | | | | |
| Laboratory ID: | 01-310-10 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-9 | | | | | |
| Laboratory ID: | 01-310-10 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>94</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>104</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>101</i> | <i>78-117</i> | | | | |



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Matrix: Water

Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-5M | | | | | |
| Laboratory ID: | 01-310-11 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Tetrachloroethene | 0.21 | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-5M | | | | | |
| Laboratory ID: | 01-310-11 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>104</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>102</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>97</i> | <i>78-117</i> | | | | |



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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-10 | | | | | |
| Laboratory ID: | 01-310-12 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Tetrachloroethene | 1.3 | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-10 | | | | | |
| Laboratory ID: | 01-310-12 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>99</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>102</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>107</i> | <i>78-117</i> | | | | |



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Matrix: Water

Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | Trip Blank | | | | | |
| Laboratory ID: | 01-310-13 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Iodomethane | ND | 1.8 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 2-4-25 | 2-4-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 2-4-25 | 2-4-25 | |



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VOLATILE ORGANICS EPA 8260D
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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | Trip Blank | | | | | |
| Laboratory ID: | 01-310-13 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 2-4-25 | 2-4-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>107</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>102</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>104</i> | <i>78-117</i> | | | | |



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VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|----------|------|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0203W2 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |



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VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0203W2 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>93</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>107</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>98</i> | <i>78-117</i> | | | | |



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VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|----------|------|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0204W1 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Iodomethane | ND | 1.8 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 2-4-25 | 2-4-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 2-4-25 | 2-4-25 | |



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VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0204W1 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 2-4-25 | 2-4-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 2-4-25 | 2-4-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 2-4-25 | 2-4-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>105</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>101</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>103</i> | <i>78-117</i> | | | | |



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 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Water
 Units: ug/L

| Analyte | Result | | Spike Level | | Percent Recovery | | Recovery | RPD | RPD | Flags |
|-----------------------------|----------|------|-------------|------|------------------|--------|----------|-------|-----|-------|
| | | | | | Recovery | Limits | RPD | Limit | | |
| SPIKE BLANKS | | | | | | | | | | |
| Laboratory ID: | SB0203W2 | | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Dichlorodifluoromethane | 10.5 | 11.6 | 10.0 | 10.0 | 105 | 116 | 34-166 | 10 | 21 | |
| Chloromethane | 11.5 | 14.4 | 10.0 | 10.0 | 115 | 144 | 45-145 | 22 | 19 | L |
| Vinyl Chloride | 11.3 | 13.0 | 10.0 | 10.0 | 113 | 130 | 67-130 | 14 | 15 | |
| Bromomethane | 8.77 | 9.98 | 10.0 | 10.0 | 88 | 100 | 27-165 | 13 | 36 | |
| Chloroethane | 9.54 | 10.8 | 10.0 | 10.0 | 95 | 108 | 61-132 | 12 | 18 | |
| Trichlorofluoromethane | 11.5 | 12.0 | 10.0 | 10.0 | 115 | 120 | 67-136 | 4 | 17 | |
| 1,1-Dichloroethene | 10.3 | 12.0 | 10.0 | 10.0 | 103 | 120 | 74-125 | 15 | 15 | |
| Iodomethane | 8.96 | 9.18 | 10.0 | 10.0 | 90 | 92 | 15-154 | 2 | 49 | |
| Methylene Chloride | 10.5 | 13.5 | 10.0 | 10.0 | 105 | 135 | 70-123 | 25 | 15 | I,L |
| (trans) 1,2-Dichloroethene | 10.2 | 11.6 | 10.0 | 10.0 | 102 | 116 | 77-125 | 13 | 15 | |
| 1,1-Dichloroethane | 10.4 | 11.5 | 10.0 | 10.0 | 104 | 115 | 75-125 | 10 | 15 | |
| 2,2-Dichloropropane | 11.4 | 12.4 | 10.0 | 10.0 | 114 | 124 | 74-152 | 8 | 15 | |
| (cis) 1,2-Dichloroethene | 10.5 | 11.8 | 10.0 | 10.0 | 105 | 118 | 78-130 | 12 | 15 | |
| Bromochloromethane | 9.18 | 9.74 | 10.0 | 10.0 | 92 | 97 | 79-132 | 6 | 15 | |
| Chloroform | 10.1 | 10.6 | 10.0 | 10.0 | 101 | 106 | 73-128 | 5 | 15 | |
| 1,1,1-Trichloroethane | 11.0 | 11.0 | 10.0 | 10.0 | 110 | 110 | 72-127 | 0 | 15 | |
| Carbon Tetrachloride | 11.4 | 11.2 | 10.0 | 10.0 | 114 | 112 | 68-131 | 2 | 15 | |
| 1,1-Dichloropropene | 11.3 | 11.0 | 10.0 | 10.0 | 113 | 110 | 73-125 | 3 | 15 | |
| 1,2-Dichloroethane | 11.7 | 11.4 | 10.0 | 10.0 | 117 | 114 | 68-133 | 3 | 15 | |
| Trichloroethene | 11.2 | 10.8 | 10.0 | 10.0 | 112 | 108 | 80-126 | 4 | 15 | |
| 1,2-Dichloropropane | 12.1 | 11.6 | 10.0 | 10.0 | 121 | 116 | 78-124 | 4 | 15 | |
| Dibromomethane | 11.0 | 10.8 | 10.0 | 10.0 | 110 | 108 | 76-131 | 2 | 15 | |
| Bromodichloromethane | 12.0 | 11.7 | 10.0 | 10.0 | 120 | 117 | 81-128 | 3 | 15 | |
| (cis) 1,3-Dichloropropene | 12.1 | 11.6 | 10.0 | 10.0 | 121 | 116 | 80-131 | 4 | 15 | |
| (trans) 1,3-Dichloropropene | 13.0 | 12.7 | 10.0 | 10.0 | 130 | 127 | 77-128 | 2 | 15 | I |
| 1,1,2-Trichloroethane | 11.2 | 11.3 | 10.0 | 10.0 | 112 | 113 | 80-124 | 1 | 15 | |
| Tetrachloroethene | 10.7 | 10.4 | 10.0 | 10.0 | 107 | 104 | 80-125 | 3 | 15 | |
| 1,3-Dichloropropane | 11.2 | 11.3 | 10.0 | 10.0 | 112 | 113 | 82-121 | 1 | 15 | |
| Dibromochloromethane | 10.4 | 9.80 | 10.0 | 10.0 | 104 | 98 | 81-131 | 6 | 15 | |
| 1,2-Dibromoethane | 11.7 | 11.5 | 10.0 | 10.0 | 117 | 115 | 82-129 | 2 | 15 | |
| Chlorobenzene | 10.8 | 10.7 | 10.0 | 10.0 | 108 | 107 | 80-119 | 1 | 15 | |
| 1,1,1,2-Tetrachloroethane | 11.4 | 11.1 | 10.0 | 10.0 | 114 | 111 | 80-124 | 3 | 15 | |
| Bromoform | 12.3 | 12.9 | 10.0 | 10.0 | 123 | 129 | 77-131 | 5 | 15 | |



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| Analyte | Result | | Spike Level | | Percent Recovery | | Recovery Limits | RPD | RPD Limit | Flags |
|-----------------------------|----------|------|-------------|------|------------------|-----|-----------------|-----|-----------|-------|
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| SPIKE BLANKS | | | | | | | | | | |
| Laboratory ID: | SB0203W2 | | | | | | | | | |
| Bromobenzene | 10.8 | 10.5 | 10.0 | 10.0 | 108 | 105 | 73-131 | 3 | 15 | |
| 1,1,2,2-Tetrachloroethane | 11.9 | 10.9 | 10.0 | 10.0 | 119 | 109 | 66-138 | 9 | 15 | |
| 1,2,3-Trichloropropane | 11.0 | 10.3 | 10.0 | 10.0 | 110 | 103 | 67-127 | 7 | 18 | |
| 2-Chlorotoluene | 10.8 | 10.2 | 10.0 | 10.0 | 108 | 102 | 77-131 | 6 | 15 | |
| 4-Chlorotoluene | 11.3 | 10.7 | 10.0 | 10.0 | 113 | 107 | 79-133 | 5 | 15 | |
| 1,3-Dichlorobenzene | 10.6 | 10.7 | 10.0 | 10.0 | 106 | 107 | 79-131 | 1 | 15 | |
| 1,4-Dichlorobenzene | 10.7 | 10.8 | 10.0 | 10.0 | 107 | 108 | 78-127 | 1 | 15 | |
| 1,2-Dichlorobenzene | 10.8 | 10.8 | 10.0 | 10.0 | 108 | 108 | 79-129 | 0 | 15 | |
| 1,2-Dibromo-3-chloropropane | 11.5 | 12.0 | 10.0 | 10.0 | 115 | 120 | 62-140 | 4 | 18 | |
| 1,2,4-Trichlorobenzene | 11.6 | 11.7 | 10.0 | 10.0 | 116 | 117 | 72-142 | 1 | 21 | |
| Hexachlorobutadiene | 10.7 | 10.5 | 10.0 | 10.0 | 107 | 105 | 69-149 | 2 | 24 | |
| 1,2,3-Trichlorobenzene | 11.2 | 12.2 | 10.0 | 10.0 | 112 | 122 | 63-146 | 9 | 30 | |
| <i>Surrogate:</i> | | | | | | | | | | |
| Dibromofluoromethane | | | | | 94 | 97 | 68-133 | | | |
| Toluene-d8 | | | | | 102 | 103 | 79-123 | | | |
| 4-Bromofluorobenzene | | | | | 104 | 105 | 78-117 | | | |



Date of Report: February 5, 2025
 Samples Submitted: January 29, 2025
 Laboratory Reference: 2501-310
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
 page 1 of 2

Matrix: Water
 Units: ug/L

| Analyte | Result | | Spike Level | | Percent Recovery | | Recovery | RPD | RPD | Flags |
|-----------------------------|----------|------|-------------|------|------------------|--------|----------|-------|-----|-------|
| | | | | | Recovery | Limits | RPD | Limit | | |
| SPIKE BLANKS | | | | | | | | | | |
| Laboratory ID: | SB0204W1 | | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Dichlorodifluoromethane | 12.0 | 12.1 | 10.0 | 10.0 | 120 | 121 | 34-166 | 1 | 21 | |
| Chloromethane | 10.6 | 10.1 | 10.0 | 10.0 | 106 | 101 | 45-145 | 5 | 19 | |
| Vinyl Chloride | 10.8 | 10.9 | 10.0 | 10.0 | 108 | 109 | 67-130 | 1 | 15 | |
| Bromomethane | 11.5 | 10.8 | 10.0 | 10.0 | 115 | 108 | 27-165 | 6 | 36 | |
| Chloroethane | 10.1 | 10.4 | 10.0 | 10.0 | 101 | 104 | 61-132 | 3 | 18 | |
| Trichlorofluoromethane | 9.96 | 10.1 | 10.0 | 10.0 | 100 | 101 | 67-136 | 1 | 17 | |
| 1,1-Dichloroethene | 9.75 | 10.0 | 10.0 | 10.0 | 98 | 100 | 74-125 | 3 | 15 | |
| Iodomethane | 5.66 | 5.98 | 10.0 | 10.0 | 57 | 60 | 15-154 | 5 | 49 | |
| Methylene Chloride | 9.48 | 9.95 | 10.0 | 10.0 | 95 | 100 | 70-123 | 5 | 15 | |
| (trans) 1,2-Dichloroethene | 9.72 | 10.0 | 10.0 | 10.0 | 97 | 100 | 77-125 | 3 | 15 | |
| 1,1-Dichloroethane | 9.70 | 10.0 | 10.0 | 10.0 | 97 | 100 | 75-125 | 3 | 15 | |
| 2,2-Dichloropropane | 10.5 | 11.0 | 10.0 | 10.0 | 105 | 110 | 74-152 | 5 | 15 | |
| (cis) 1,2-Dichloroethene | 9.80 | 10.2 | 10.0 | 10.0 | 98 | 102 | 78-130 | 4 | 15 | |
| Bromochloromethane | 9.64 | 10.0 | 10.0 | 10.0 | 96 | 100 | 79-132 | 4 | 15 | |
| Chloroform | 9.58 | 9.95 | 10.0 | 10.0 | 96 | 100 | 73-128 | 4 | 15 | |
| 1,1,1-Trichloroethane | 9.46 | 9.85 | 10.0 | 10.0 | 95 | 99 | 72-127 | 4 | 15 | |
| Carbon Tetrachloride | 9.64 | 9.91 | 10.0 | 10.0 | 96 | 99 | 68-131 | 3 | 15 | |
| 1,1-Dichloropropene | 9.48 | 9.84 | 10.0 | 10.0 | 95 | 98 | 73-125 | 4 | 15 | |
| 1,2-Dichloroethane | 9.50 | 9.96 | 10.0 | 10.0 | 95 | 100 | 68-133 | 5 | 15 | |
| Trichloroethene | 9.13 | 9.61 | 10.0 | 10.0 | 91 | 96 | 80-126 | 5 | 15 | |
| 1,2-Dichloropropane | 9.18 | 9.50 | 10.0 | 10.0 | 92 | 95 | 78-124 | 3 | 15 | |
| Dibromomethane | 9.09 | 9.55 | 10.0 | 10.0 | 91 | 96 | 76-131 | 5 | 15 | |
| Bromodichloromethane | 9.09 | 9.62 | 10.0 | 10.0 | 91 | 96 | 81-128 | 6 | 15 | |
| (cis) 1,3-Dichloropropene | 9.46 | 9.80 | 10.0 | 10.0 | 95 | 98 | 80-131 | 4 | 15 | |
| (trans) 1,3-Dichloropropene | 9.15 | 9.27 | 10.0 | 10.0 | 92 | 93 | 77-128 | 1 | 15 | |
| 1,1,2-Trichloroethane | 8.46 | 8.68 | 10.0 | 10.0 | 85 | 87 | 80-124 | 3 | 15 | |
| Tetrachloroethene | 8.95 | 8.85 | 10.0 | 10.0 | 90 | 89 | 80-125 | 1 | 15 | |
| 1,3-Dichloropropane | 8.72 | 8.94 | 10.0 | 10.0 | 87 | 89 | 82-121 | 2 | 15 | |
| Dibromochloromethane | 8.66 | 6.02 | 10.0 | 10.0 | 87 | 60 | 81-131 | 36 | 15 | I,L |
| 1,2-Dibromoethane | 9.20 | 9.38 | 10.0 | 10.0 | 92 | 94 | 82-129 | 2 | 15 | |
| Chlorobenzene | 8.96 | 9.22 | 10.0 | 10.0 | 90 | 92 | 80-119 | 3 | 15 | |
| 1,1,1,2-Tetrachloroethane | 9.16 | 9.58 | 10.0 | 10.0 | 92 | 96 | 80-124 | 4 | 15 | |
| Bromoform | 8.95 | 8.91 | 10.0 | 10.0 | 90 | 89 | 77-131 | 0 | 15 | |



Date of Report: February 5, 2025
 Samples Submitted: January 29, 2025
 Laboratory Reference: 2501-310
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
 page 2 of 2

| Analyte | Result | | Spike Level | | Percent Recovery | | Recovery | RPD | RPD | Flags |
|-----------------------------|----------|------|-------------|------|------------------|--------|----------|-------|-----|-------|
| | | | | | Recovery | Limits | RPD | Limit | | |
| SPIKE BLANKS | | | | | | | | | | |
| Laboratory ID: | SB0204W1 | | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Bromobenzene | 8.61 | 9.07 | 10.0 | 10.0 | 86 | 91 | 73-131 | 5 | 15 | |
| 1,1,2,2-Tetrachloroethane | 8.47 | 8.96 | 10.0 | 10.0 | 85 | 90 | 66-138 | 6 | 15 | |
| 1,2,3-Trichloropropane | 8.50 | 8.89 | 10.0 | 10.0 | 85 | 89 | 67-127 | 4 | 18 | |
| 2-Chlorotoluene | 8.61 | 8.96 | 10.0 | 10.0 | 86 | 90 | 77-131 | 4 | 15 | |
| 4-Chlorotoluene | 8.69 | 9.05 | 10.0 | 10.0 | 87 | 91 | 79-133 | 4 | 15 | |
| 1,3-Dichlorobenzene | 8.76 | 9.29 | 10.0 | 10.0 | 88 | 93 | 79-131 | 6 | 15 | |
| 1,4-Dichlorobenzene | 8.73 | 9.20 | 10.0 | 10.0 | 87 | 92 | 78-127 | 5 | 15 | |
| 1,2-Dichlorobenzene | 8.87 | 9.33 | 10.0 | 10.0 | 89 | 93 | 79-129 | 5 | 15 | |
| 1,2-Dibromo-3-chloropropane | 9.11 | 9.42 | 10.0 | 10.0 | 91 | 94 | 62-140 | 3 | 18 | |
| 1,2,4-Trichlorobenzene | 8.72 | 9.65 | 10.0 | 10.0 | 87 | 97 | 72-142 | 10 | 21 | |
| Hexachlorobutadiene | 8.54 | 9.30 | 10.0 | 10.0 | 85 | 93 | 69-149 | 9 | 24 | |
| 1,2,3-Trichlorobenzene | 8.87 | 9.83 | 10.0 | 10.0 | 89 | 98 | 63-146 | 10 | 30 | |
| <i>Surrogate:</i> | | | | | | | | | | |
| Dibromofluoromethane | | | | | 106 | 106 | 68-133 | | | |
| Toluene-d8 | | | | | 102 | 103 | 79-123 | | | |
| 4-Bromofluorobenzene | | | | | 104 | 103 | 78-117 | | | |





Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
 - B - The analyte indicated was also found in the blank sample.
 - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
 - E - The value reported exceeds the quantitation range and is an estimate.
 - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
 - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
 - I - Compound recovery is outside of the control limits.
 - J - The value reported was below the practical quantitation limit. The value is an estimate.
 - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
 - L - The RPD is outside of the control limits.
 - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
 - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
 - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
 - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
 - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
 - P - The RPD of the detected concentrations between the two columns is greater than 40.
 - Q - Surrogate recovery is outside of the control limits.
 - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
 - T - The sample chromatogram is not similar to a typical _____.
 - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
 - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
 - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
 - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
 - X - Sample extract treated with a mercury cleanup procedure.
 - X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.
 - X2 - Sample extract treated with a silica gel cleanup procedure.
 - Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
 - Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.
 - Z -
- ND - Not Detected at PQL
 PQL - Practical Quantitation Limit
 RPD - Relative Percent Difference





MA Onsite Environmental Inc.
 Analytical Laboratory Testing Services
 14648 NE 95th Street • Redmond, WA 98052
 Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

Turnaround Request
 (in working days)
 (Check One)

Laboratory Number: **01-310**

Company: **Herrera Env. Consultants**
 Project Number: **21-07668-003**
 Project Name: **Lakewood Towne Center**
 Project Manager: **George Ifitner**
 Sampled by: **J. Ramus**

Same Day 1 Day
 2 Days 3 Days
 Standard (7 Days)

Date Sampled: **01/29/25** Time Sampled: **1450** Matrix: **water**
 (other) _____

Number of Containers

| Lab ID | Sample Identification | Date Sampled | Time Sampled | Matrix | Number of Containers |
|--------|-----------------------|--------------|--------------|--------|----------------------|
| 1 | MW-1S | 01/29/25 | 1450 | water | 3 |
| 2 | MW-1M | | 1335 | | 3 |
| 3 | MW-1D | | 1240 | | 3 |
| 4 | MW-2D | | 1610 | | 3 |
| 5 | MW-4 | | 1150 | | 3 |
| 6 | MW-4M | | 1100 | | 3 |
| 7 | MW-5 | | 1340 | | 3 |
| 8 | MW-8D | | 0935 | | 3 |
| 9 | MW-7S | | 1455 | | 3 |
| 10 | MW-9 | | 1125 | | 3 |

| Company | Date | Time | Comments/Special Instructions |
|---------|---------|-------|-------------------------------|
| HEC | 1/29/25 | 17:50 | |
| O&E | 1/29/25 | 1450 | |

| Relinquished | Signature | Company | Date | Time | Comments/Special Instructions |
|---------------|-----------------------|---------|---------|-------|-------------------------------|
| Relinquished | <i>George Ifitner</i> | HEC | 1/29/25 | 17:50 | |
| Received | <i>Nicole Spina</i> | O&E | 1/29/25 | 1450 | |
| Relinquished | | | | | |
| Received | | | | | |
| Relinquished | | | | | |
| Received | | | | | |
| Reviewed/Date | | | | | |

Data Package: Standard Level III Level IV
 Chromatograms with final report Electronic Data Deliverables (EDDs)



MA Onsite Environmental Inc.

Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

Turnaround Request (in working days)

(Check One)

- Same Day 1 Day
- 2 Days 3 Days
- Standard (7 Days)
- _____ (other)

Company: **Herrera Env. Consultants**
 Project Number: **21-07068-003**
 Project Name: **Lakewood Towne Center**
 Project Manager: **George Iftner**
 Sampled by: **J. Ramus**

| Lab ID | Sample Identification | Date Sampled | Time Sampled | Matrix | Number of Containers |
|--------|-----------------------|--------------|--------------|--------|----------------------|
| 11 | MW-SM | 01/29/25 | 1255 | Water | 3 |
| 12 | MW-10 | ↓ | 1550 | ↓ | 3 |
| 13 | Trip Blank | 1/29/25 | --- | Water | 3 |

| Laboratory Number: 01-310 | |
|--|-------------------------------------|
| NWTPH-HCID | <input type="checkbox"/> |
| NWTPH-Gx/BTEX (8021 <input type="checkbox"/> 8260 <input type="checkbox"/>) | <input type="checkbox"/> |
| NWTPH-Gx | <input type="checkbox"/> |
| NWTPH-Dx (SG Clean-up <input type="checkbox"/>) | <input type="checkbox"/> |
| Volatiles 8260 | <input type="checkbox"/> |
| Halogenated Volatiles 8260 | <input checked="" type="checkbox"/> |
| EDB EPA 8011 (Waters Only) | <input type="checkbox"/> |
| Semivolatiles 8270/SIM (with low-level PAHs) | <input type="checkbox"/> |
| PAHs 8270/SIM (low-level) | <input type="checkbox"/> |
| PCBs 8082 | <input type="checkbox"/> |
| Organochlorine Pesticides 8081 | <input type="checkbox"/> |
| Organophosphorus Pesticides 8270/SIM | <input type="checkbox"/> |
| Chlorinated Acid Herbicides 8151 | <input type="checkbox"/> |
| Total RCRA Metals | <input type="checkbox"/> |
| Total MTCA Metals | <input type="checkbox"/> |
| TCLP Metals | <input type="checkbox"/> |
| HEM (oil and grease) 1664 | <input type="checkbox"/> |
| % Moisture | <input type="checkbox"/> |

| Signature | Company | Date | Time | Comments/Special Instructions |
|--------------------|---------|---------|-------|-------------------------------|
| <i>[Signature]</i> | HEL | 1/29/25 | 17:50 | |
| <i>[Signature]</i> | O&E | 1/29/25 | 17:50 | |

Data Package: Standard Level III Level IV

Chromatograms with final report Electronic Data Deliverables (EDDs)



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

February 4, 2025

George Iftner
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 21-07668-003
Laboratory Reference No. 2501-350

Dear George:

Enclosed are the analytical results and associated quality control data for samples submitted on January 31, 2025.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal flourish extending to the right.

David Baumeister
Project Manager

Enclosures



OnSite Environmental, Inc. 14648 NE 95th Street, Redmond, WA 98052 (425) 883-3881

This report pertains to the samples analyzed in accordance with the chain of custody, and is intended only for the use of the individual or company to whom it is addressed.

Date of Report: February 4, 2025
Samples Submitted: January 31, 2025
Laboratory Reference: 2501-350
Project: 21-07668-003

Case Narrative

Samples were collected on January 29, 2025 and received by the laboratory on January 31, 2025. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.

Volatiles EPA 8260D Analysis

The percent recovery for Methylene Chloride and (trans) 1,3-Dichloropropene is outside the control limits in the Spike Blank or Spike Blank Duplicate. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

The RPD for Chloromethane and Methylene Chloride is outside the control limits for the Spike Blank/Spike Blank Duplicate. The method allows for a percentage of the compounds to fall outside of the control limits due to the large number of analytes being spiked.

Any other QA/QC issues associated with this extraction and analysis will be indicated with a footnote reference and discussed in detail on the Data Qualifier page.



Date of Report: February 4, 2025
 Samples Submitted: January 31, 2025
 Laboratory Reference: 2501-350
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
 page 1 of 2

Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-DUP | | | | | |
| Laboratory ID: | 01-350-01 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Tetrachloroethene | 1.5 | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |



Date of Report: February 4, 2025
 Samples Submitted: January 31, 2025
 Laboratory Reference: 2501-350
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
 page 2 of 2

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-DUP | | | | | |
| Laboratory ID: | 01-350-01 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>92</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>101</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>94</i> | <i>78-117</i> | | | | |



Date of Report: February 4, 2025
 Samples Submitted: January 31, 2025
 Laboratory Reference: 2501-350
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
 page 1 of 2

Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|----------|------|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0203W2 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Iodomethane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |



Date of Report: February 4, 2025
 Samples Submitted: January 31, 2025
 Laboratory Reference: 2501-350
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
 page 2 of 2

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0203W2 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 2-3-25 | 2-3-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 2-3-25 | 2-3-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>93</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>107</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>98</i> | <i>78-117</i> | | | | |



Date of Report: February 4, 2025
 Samples Submitted: January 31, 2025
 Laboratory Reference: 2501-350
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
 page 1 of 2

Matrix: Water
 Units: ug/L

| Analyte | Result | | Spike Level | | Percent Recovery | | Recovery | RPD | RPD | Flags |
|-----------------------------|----------|------|-------------|------|------------------|--------|----------|-------|-----|-------|
| | | | | | Recovery | Limits | RPD | Limit | | |
| SPIKE BLANKS | | | | | | | | | | |
| Laboratory ID: | SB0203W2 | | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Dichlorodifluoromethane | 10.5 | 11.6 | 10.0 | 10.0 | 105 | 116 | 34-166 | 10 | 21 | |
| Chloromethane | 11.5 | 14.4 | 10.0 | 10.0 | 115 | 144 | 45-145 | 22 | 19 | L |
| Vinyl Chloride | 11.3 | 13.0 | 10.0 | 10.0 | 113 | 130 | 67-130 | 14 | 15 | |
| Bromomethane | 8.77 | 9.98 | 10.0 | 10.0 | 88 | 100 | 27-165 | 13 | 36 | |
| Chloroethane | 9.54 | 10.8 | 10.0 | 10.0 | 95 | 108 | 61-132 | 12 | 18 | |
| Trichlorofluoromethane | 11.5 | 12.0 | 10.0 | 10.0 | 115 | 120 | 67-136 | 4 | 17 | |
| 1,1-Dichloroethene | 10.3 | 12.0 | 10.0 | 10.0 | 103 | 120 | 74-125 | 15 | 15 | |
| Iodomethane | 8.96 | 9.18 | 10.0 | 10.0 | 90 | 92 | 15-154 | 2 | 49 | |
| Methylene Chloride | 10.5 | 13.5 | 10.0 | 10.0 | 105 | 135 | 70-123 | 25 | 15 | I,L |
| (trans) 1,2-Dichloroethene | 10.2 | 11.6 | 10.0 | 10.0 | 102 | 116 | 77-125 | 13 | 15 | |
| 1,1-Dichloroethane | 10.4 | 11.5 | 10.0 | 10.0 | 104 | 115 | 75-125 | 10 | 15 | |
| 2,2-Dichloropropane | 11.4 | 12.4 | 10.0 | 10.0 | 114 | 124 | 74-152 | 8 | 15 | |
| (cis) 1,2-Dichloroethene | 10.5 | 11.8 | 10.0 | 10.0 | 105 | 118 | 78-130 | 12 | 15 | |
| Bromochloromethane | 9.18 | 9.74 | 10.0 | 10.0 | 92 | 97 | 79-132 | 6 | 15 | |
| Chloroform | 10.1 | 10.6 | 10.0 | 10.0 | 101 | 106 | 73-128 | 5 | 15 | |
| 1,1,1-Trichloroethane | 11.0 | 11.0 | 10.0 | 10.0 | 110 | 110 | 72-127 | 0 | 15 | |
| Carbon Tetrachloride | 11.4 | 11.2 | 10.0 | 10.0 | 114 | 112 | 68-131 | 2 | 15 | |
| 1,1-Dichloropropene | 11.3 | 11.0 | 10.0 | 10.0 | 113 | 110 | 73-125 | 3 | 15 | |
| 1,2-Dichloroethane | 11.7 | 11.4 | 10.0 | 10.0 | 117 | 114 | 68-133 | 3 | 15 | |
| Trichloroethene | 11.2 | 10.8 | 10.0 | 10.0 | 112 | 108 | 80-126 | 4 | 15 | |
| 1,2-Dichloropropane | 12.1 | 11.6 | 10.0 | 10.0 | 121 | 116 | 78-124 | 4 | 15 | |
| Dibromomethane | 11.0 | 10.8 | 10.0 | 10.0 | 110 | 108 | 76-131 | 2 | 15 | |
| Bromodichloromethane | 12.0 | 11.7 | 10.0 | 10.0 | 120 | 117 | 81-128 | 3 | 15 | |
| (cis) 1,3-Dichloropropene | 12.1 | 11.6 | 10.0 | 10.0 | 121 | 116 | 80-131 | 4 | 15 | |
| (trans) 1,3-Dichloropropene | 13.0 | 12.7 | 10.0 | 10.0 | 130 | 127 | 77-128 | 2 | 15 | I |
| 1,1,2-Trichloroethane | 11.2 | 11.3 | 10.0 | 10.0 | 112 | 113 | 80-124 | 1 | 15 | |
| Tetrachloroethene | 10.7 | 10.4 | 10.0 | 10.0 | 107 | 104 | 80-125 | 3 | 15 | |
| 1,3-Dichloropropane | 11.2 | 11.3 | 10.0 | 10.0 | 112 | 113 | 82-121 | 1 | 15 | |
| Dibromochloromethane | 10.4 | 9.80 | 10.0 | 10.0 | 104 | 98 | 81-131 | 6 | 15 | |
| 1,2-Dibromoethane | 11.7 | 11.5 | 10.0 | 10.0 | 117 | 115 | 82-129 | 2 | 15 | |
| Chlorobenzene | 10.8 | 10.7 | 10.0 | 10.0 | 108 | 107 | 80-119 | 1 | 15 | |
| 1,1,1,2-Tetrachloroethane | 11.4 | 11.1 | 10.0 | 10.0 | 114 | 111 | 80-124 | 3 | 15 | |
| Bromoform | 12.3 | 12.9 | 10.0 | 10.0 | 123 | 129 | 77-131 | 5 | 15 | |



Date of Report: February 4, 2025
 Samples Submitted: January 31, 2025
 Laboratory Reference: 2501-350
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
 page 2 of 2

| Analyte | Result | | Spike Level | | Percent Recovery | | Recovery Limits | RPD | RPD Limit | Flags |
|-----------------------------|----------|------|-------------|------|------------------|-----|-----------------|-----|-----------|-------|
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| SPIKE BLANKS | | | | | | | | | | |
| Laboratory ID: | SB0203W2 | | | | | | | | | |
| Bromobenzene | 10.8 | 10.5 | 10.0 | 10.0 | 108 | 105 | 73-131 | 3 | 15 | |
| 1,1,2,2-Tetrachloroethane | 11.9 | 10.9 | 10.0 | 10.0 | 119 | 109 | 66-138 | 9 | 15 | |
| 1,2,3-Trichloropropane | 11.0 | 10.3 | 10.0 | 10.0 | 110 | 103 | 67-127 | 7 | 18 | |
| 2-Chlorotoluene | 10.8 | 10.2 | 10.0 | 10.0 | 108 | 102 | 77-131 | 6 | 15 | |
| 4-Chlorotoluene | 11.3 | 10.7 | 10.0 | 10.0 | 113 | 107 | 79-133 | 5 | 15 | |
| 1,3-Dichlorobenzene | 10.6 | 10.7 | 10.0 | 10.0 | 106 | 107 | 79-131 | 1 | 15 | |
| 1,4-Dichlorobenzene | 10.7 | 10.8 | 10.0 | 10.0 | 107 | 108 | 78-127 | 1 | 15 | |
| 1,2-Dichlorobenzene | 10.8 | 10.8 | 10.0 | 10.0 | 108 | 108 | 79-129 | 0 | 15 | |
| 1,2-Dibromo-3-chloropropane | 11.5 | 12.0 | 10.0 | 10.0 | 115 | 120 | 62-140 | 4 | 18 | |
| 1,2,4-Trichlorobenzene | 11.6 | 11.7 | 10.0 | 10.0 | 116 | 117 | 72-142 | 1 | 21 | |
| Hexachlorobutadiene | 10.7 | 10.5 | 10.0 | 10.0 | 107 | 105 | 69-149 | 2 | 24 | |
| 1,2,3-Trichlorobenzene | 11.2 | 12.2 | 10.0 | 10.0 | 112 | 122 | 63-146 | 9 | 30 | |
| <i>Surrogate:</i> | | | | | | | | | | |
| Dibromofluoromethane | | | | | 94 | 97 | 68-133 | | | |
| Toluene-d8 | | | | | 102 | 103 | 79-123 | | | |
| 4-Bromofluorobenzene | | | | | 104 | 105 | 78-117 | | | |





Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
 - B - The analyte indicated was also found in the blank sample.
 - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
 - E - The value reported exceeds the quantitation range and is an estimate.
 - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
 - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
 - I - Compound recovery is outside of the control limits.
 - J - The value reported was below the practical quantitation limit. The value is an estimate.
 - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
 - L - The RPD is outside of the control limits.
 - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
 - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
 - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
 - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
 - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
 - P - The RPD of the detected concentrations between the two columns is greater than 40.
 - Q - Surrogate recovery is outside of the control limits.
 - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
 - T - The sample chromatogram is not similar to a typical _____.
 - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
 - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
 - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
 - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
 - X - Sample extract treated with a mercury cleanup procedure.
 - X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.
 - X2 - Sample extract treated with a silica gel cleanup procedure.
 - Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
 - Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.
 - Z -
- ND - Not Detected at PQL
 PQL - Practical Quantitation Limit
 RPD - Relative Percent Difference





Onsite Environmental Inc.

Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

Company: Herreyra

Project Number: 21-07668-003

Project Name: Luke Wood Torne CTR.

Project Manager: George Iffers

Sampled by: Johnny Remmus

Turnaround Request (in working days)

(Check One)

Same Day 1 Day

2 Days 3 Days

Standard (7 Days)

_____ (other)

Lab ID

Date Sampled

Time Sampled

Matrix

1 MW - Dup 1/29/25 15:50 water 3

Number of Containers

| | |
|--|-------------------------------------|
| NWTPH-HCID | |
| NWTPH-Gx/BTEX (8021 <input type="checkbox"/> 8260 <input type="checkbox"/>) | |
| NWTPH-Gx | |
| NWTPH-Dx (SG Clean-up <input type="checkbox"/>) | |
| Volatiles 8260 | |
| Halogenated Volatiles 8260 | <input checked="" type="checkbox"/> |
| EDB EPA 8011 (Waters Only) | |
| Semivolatiles 8270/SIM (with low-level PAHs) | |
| PAHs 8270/SIM (low-level) | |
| PCBs 8082 | |
| Organochlorine Pesticides 8081 | |
| Organophosphorus Pesticides 8270/SIM | |
| Chlorinated Acid Herbicides 8151 | |
| Total RCRA Metals | |
| Total MTCA Metals | |
| TCLP Metals | |
| HEM (oil and grease) 1664 | |
| % Moisture | |

Laboratory Number: **01-350**

Signature George Iffers Company Herreyra Date 1/31/25 Time 1444 Comments/Special Instructions

Relinquished George Iffers Herreyra 1/31/25 1444

Received John Paul OSC 1/31/25 1444

Relinquished

Received

Relinquished

Received

Reviewed/Date

Data Package: Standard Level III Level IV
Chromatograms with final report Electronic Data Deliverables (EDDs)



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

April 29, 2025

George Iftner
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 21-07668-003
Laboratory Reference No. 2504-380

Dear George:

Enclosed are the analytical results and associated quality control data for samples submitted on April 23, 2025.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Baumeister", with a long horizontal flourish extending to the right.

David Baumeister
Project Manager

Enclosures



Date of Report: April 29, 2025
Samples Submitted: April 23, 2025
Laboratory Reference: 2504-380
Project: 21-07668-003

Case Narrative

Samples were collected on April 23, 2025 and received by the laboratory on April 23, 2025. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.



Date of Report: April 29, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-380
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D

page 1 of 2

Matrix: Water

Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|--------------|------|-----------|---------------|---------------|-------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 04-380-01 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Vinyl Chloride | 0.53 | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Iodomethane | ND | 1.4 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Methylene Chloride | ND | 2.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,2-Dichloroethene | 0.26 | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,2-Dichloroethene | 2.6 | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichloroethene | 1.5 | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Tetrachloroethene | 0.63 | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |



Date of Report: April 29, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-380
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
 page 2 of 2

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 04-380-01 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>96</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>101</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>100</i> | <i>78-117</i> | | | | |



Date of Report: April 29, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-380
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D

page 1 of 2

Matrix: Water

Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|--------------|------|-----------|---------------|---------------|-------|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 04-380-02 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Iodomethane | ND | 1.4 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Methylene Chloride | ND | 2.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Tetrachloroethene | 0.27 | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 04-380-02 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>97</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>102</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>101</i> | <i>78-117</i> | | | | |



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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|--------------|------|-----------|---------------|---------------|-------|
| Client ID: | MW-1D | | | | | |
| Laboratory ID: | 04-380-03 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Iodomethane | ND | 1.4 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Methylene Chloride | ND | 2.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-1D | | | | | |
| Laboratory ID: | 04-380-03 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>97</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>101</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>101</i> | <i>78-117</i> | | | | |



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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-2D | | | | | |
| Laboratory ID: | 04-380-04 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Iodomethane | ND | 1.4 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Methylene Chloride | ND | 2.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Tetrachloroethene | 0.54 | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-2D | | | | | |
| Laboratory ID: | 04-380-04 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>98</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>102</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>101</i> | <i>78-117</i> | | | | |



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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-4 | | | | | |
| Laboratory ID: | 04-380-05 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Iodomethane | ND | 1.4 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Methylene Chloride | ND | 2.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,2-Dichloroethene | 0.25 | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Tetrachloroethene | 0.35 | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-4 | | | | | |
| Laboratory ID: | 04-380-05 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>98</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>103</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>101</i> | <i>78-117</i> | | | | |



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Matrix: Water

Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-4M | | | | | |
| Laboratory ID: | 04-380-06 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Iodomethane | ND | 1.4 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Methylene Chloride | ND | 2.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Tetrachloroethene | 0.34 | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-4M | | | | | |
| Laboratory ID: | 04-380-06 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>98</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>103</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>99</i> | <i>78-117</i> | | | | |



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Matrix: Water

Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-5 | | | | | |
| Laboratory ID: | 04-380-07 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Iodomethane | ND | 1.4 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Methylene Chloride | ND | 2.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Tetrachloroethene | 0.21 | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-5 | | | | | |
| Laboratory ID: | 04-380-07 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>97</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>102</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>100</i> | <i>78-117</i> | | | | |



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Matrix: Water

Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-8D | | | | | |
| Laboratory ID: | 04-380-08 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Iodomethane | ND | 1.4 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Methylene Chloride | ND | 2.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-8D | | | | | |
| Laboratory ID: | 04-380-08 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>98</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>103</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>101</i> | <i>78-117</i> | | | | |



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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-7S | | | | | |
| Laboratory ID: | 04-380-09 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Iodomethane | ND | 1.4 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Methylene Chloride | ND | 2.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-7S | | | | | |
| Laboratory ID: | 04-380-09 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>97</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>102</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>101</i> | <i>78-117</i> | | | | |



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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------|------|-----------|---------------|---------------|-------|
| Client ID: | MW-9 | | | | | |
| Laboratory ID: | 04-380-10 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Iodomethane | ND | 1.4 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Methylene Chloride | ND | 2.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-9 | | | | | |
| Laboratory ID: | 04-380-10 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>99</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>101</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>101</i> | <i>78-117</i> | | | | |



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Matrix: Water

Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-5M | | | | | |
| Laboratory ID: | 04-380-11 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Iodomethane | ND | 1.4 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Methylene Chloride | ND | 2.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Tetrachloroethene | 0.28 | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-5M | | | | | |
| Laboratory ID: | 04-380-11 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>97</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>101</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>100</i> | <i>78-117</i> | | | | |



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Matrix: Water

Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|--------------|------|-----------|---------------|---------------|-------|
| Client ID: | MW-10 | | | | | |
| Laboratory ID: | 04-380-12 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Iodomethane | ND | 1.4 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Methylene Chloride | ND | 2.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Tetrachloroethene | 1.3 | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-10 | | | | | |
| Laboratory ID: | 04-380-12 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>98</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>103</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>101</i> | <i>78-117</i> | | | | |



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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-DUP | | | | | |
| Laboratory ID: | 04-380-13 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Iodomethane | ND | 1.4 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Methylene Chloride | ND | 2.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Tetrachloroethene | 0.30 | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-DUP | | | | | |
| Laboratory ID: | 04-380-13 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>96</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>101</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>99</i> | <i>78-117</i> | | | | |



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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | Trip Blank | | | | | |
| Laboratory ID: | 04-380-14 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Iodomethane | ND | 1.4 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Methylene Chloride | ND | 2.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |



Date of Report: April 29, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-380
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
 page 2 of 2

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | Trip Blank | | | | | |
| Laboratory ID: | 04-380-14 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>96</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>101</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>100</i> | <i>78-117</i> | | | | |



Date of Report: April 29, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-380
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
 page 1 of 2

Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|----------|------|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0426W1 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromomethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichlorofluoromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Iodomethane | ND | 1.4 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Methylene Chloride | ND | 2.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |



Date of Report: April 29, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-380
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
 page 2 of 2

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0426W1 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 4-26-25 | 4-26-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 4-26-25 | 4-26-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>99</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>102</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>100</i> | <i>78-117</i> | | | | |



Date of Report: April 29, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-380
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
 page 1 of 2

Matrix: Water
 Units: ug/L

| Analyte | Result | | Spike Level | | Percent Recovery | | Recovery | RPD | RPD | Flags |
|-----------------------------|----------|------|-------------|------|------------------|--------|----------|-------|-----|-------|
| | | | | | Recovery | Limits | RPD | Limit | | |
| SPIKE BLANKS | | | | | | | | | | |
| Laboratory ID: | SB0426W1 | | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Dichlorodifluoromethane | 10.7 | 10.6 | 10.0 | 10.0 | 107 | 106 | 34-166 | 1 | 21 | |
| Chloromethane | 8.85 | 8.56 | 10.0 | 10.0 | 89 | 86 | 45-145 | 3 | 19 | |
| Vinyl Chloride | 8.79 | 8.46 | 10.0 | 10.0 | 88 | 85 | 67-130 | 4 | 15 | |
| Bromomethane | 8.83 | 8.68 | 10.0 | 10.0 | 88 | 87 | 27-165 | 2 | 36 | |
| Chloroethane | 9.93 | 9.54 | 10.0 | 10.0 | 99 | 95 | 61-132 | 4 | 18 | |
| Trichlorofluoromethane | 9.02 | 8.97 | 10.0 | 10.0 | 90 | 90 | 67-136 | 1 | 17 | |
| 1,1-Dichloroethene | 10.1 | 9.69 | 10.0 | 10.0 | 101 | 97 | 74-125 | 4 | 15 | |
| Iodomethane | 7.26 | 7.73 | 10.0 | 10.0 | 73 | 77 | 15-154 | 6 | 49 | |
| Methylene Chloride | 11.3 | 10.8 | 10.0 | 10.0 | 113 | 108 | 70-123 | 5 | 15 | |
| (trans) 1,2-Dichloroethene | 10.2 | 9.73 | 10.0 | 10.0 | 102 | 97 | 77-125 | 5 | 15 | |
| 1,1-Dichloroethane | 10.0 | 9.57 | 10.0 | 10.0 | 100 | 96 | 75-125 | 4 | 15 | |
| 2,2-Dichloropropane | 9.93 | 9.55 | 10.0 | 10.0 | 99 | 96 | 74-152 | 4 | 15 | |
| (cis) 1,2-Dichloroethene | 10.5 | 9.97 | 10.0 | 10.0 | 105 | 100 | 78-130 | 5 | 15 | |
| Bromochloromethane | 10.4 | 9.76 | 10.0 | 10.0 | 104 | 98 | 79-132 | 6 | 15 | |
| Chloroform | 10.3 | 9.85 | 10.0 | 10.0 | 103 | 99 | 73-128 | 4 | 15 | |
| 1,1,1-Trichloroethane | 9.92 | 9.57 | 10.0 | 10.0 | 99 | 96 | 72-127 | 4 | 15 | |
| Carbon Tetrachloride | 9.94 | 9.64 | 10.0 | 10.0 | 99 | 96 | 68-131 | 3 | 15 | |
| 1,1-Dichloropropene | 10.0 | 9.64 | 10.0 | 10.0 | 100 | 96 | 73-125 | 4 | 15 | |
| 1,2-Dichloroethane | 10.7 | 10.0 | 10.0 | 10.0 | 107 | 100 | 68-133 | 7 | 15 | |
| Trichloroethene | 10.3 | 9.92 | 10.0 | 10.0 | 103 | 99 | 80-126 | 4 | 15 | |
| 1,2-Dichloropropane | 10.5 | 9.98 | 10.0 | 10.0 | 105 | 100 | 78-124 | 5 | 15 | |
| Dibromomethane | 11.0 | 10.5 | 10.0 | 10.0 | 110 | 105 | 76-131 | 5 | 15 | |
| Bromodichloromethane | 10.7 | 10.2 | 10.0 | 10.0 | 107 | 102 | 81-128 | 5 | 15 | |
| (cis) 1,3-Dichloropropene | 10.7 | 10.2 | 10.0 | 10.0 | 107 | 102 | 80-131 | 5 | 15 | |
| (trans) 1,3-Dichloropropene | 10.2 | 9.69 | 10.0 | 10.0 | 102 | 97 | 77-128 | 5 | 15 | |
| 1,1,2-Trichloroethane | 10.1 | 9.41 | 10.0 | 10.0 | 101 | 94 | 80-124 | 7 | 15 | |
| Tetrachloroethene | 10.4 | 9.97 | 10.0 | 10.0 | 104 | 100 | 80-125 | 4 | 15 | |
| 1,3-Dichloropropane | 10.5 | 9.96 | 10.0 | 10.0 | 105 | 100 | 82-121 | 5 | 15 | |
| Dibromochloromethane | 10.2 | 9.57 | 10.0 | 10.0 | 102 | 96 | 81-131 | 6 | 15 | |
| 1,2-Dibromoethane | 10.9 | 10.1 | 10.0 | 10.0 | 109 | 101 | 82-129 | 8 | 15 | |
| Chlorobenzene | 10.5 | 10.0 | 10.0 | 10.0 | 105 | 100 | 80-119 | 5 | 15 | |
| 1,1,1,2-Tetrachloroethane | 10.1 | 9.58 | 10.0 | 10.0 | 101 | 96 | 80-124 | 5 | 15 | |
| Bromoform | 9.50 | 9.01 | 10.0 | 10.0 | 95 | 90 | 77-131 | 5 | 15 | |



Date of Report: April 29, 2025
 Samples Submitted: April 23, 2025
 Laboratory Reference: 2504-380
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
 page 2 of 2

| Analyte | Result | | Spike Level | | Percent Recovery | | Recovery | RPD | RPD | Flags |
|-----------------------------|----------|------|-------------|------|------------------|--------|----------|-------|-----|-------|
| | | | | | Recovery | Limits | RPD | Limit | | |
| SPIKE BLANKS | | | | | | | | | | |
| Laboratory ID: | SB0426W1 | | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Bromobenzene | 10.5 | 9.86 | 10.0 | 10.0 | 105 | 99 | 73-131 | 6 | 15 | |
| 1,1,2,2-Tetrachloroethane | 9.95 | 9.51 | 10.0 | 10.0 | 100 | 95 | 66-138 | 5 | 15 | |
| 1,2,3-Trichloropropane | 10.5 | 10.0 | 10.0 | 10.0 | 105 | 100 | 67-127 | 5 | 18 | |
| 2-Chlorotoluene | 10.0 | 9.61 | 10.0 | 10.0 | 100 | 96 | 77-131 | 4 | 15 | |
| 4-Chlorotoluene | 10.4 | 9.84 | 10.0 | 10.0 | 104 | 98 | 79-133 | 6 | 15 | |
| 1,3-Dichlorobenzene | 10.6 | 10.1 | 10.0 | 10.0 | 106 | 101 | 79-131 | 5 | 15 | |
| 1,4-Dichlorobenzene | 10.4 | 9.87 | 10.0 | 10.0 | 104 | 99 | 78-127 | 5 | 15 | |
| 1,2-Dichlorobenzene | 10.8 | 10.3 | 10.0 | 10.0 | 108 | 103 | 79-129 | 5 | 15 | |
| 1,2-Dibromo-3-chloropropane | 9.73 | 9.35 | 10.0 | 10.0 | 97 | 94 | 62-140 | 4 | 18 | |
| 1,2,4-Trichlorobenzene | 11.3 | 10.7 | 10.0 | 10.0 | 113 | 107 | 72-142 | 5 | 21 | |
| Hexachlorobutadiene | 10.6 | 10.8 | 10.0 | 10.0 | 106 | 108 | 69-149 | 2 | 24 | |
| 1,2,3-Trichlorobenzene | 10.9 | 10.4 | 10.0 | 10.0 | 109 | 104 | 63-146 | 5 | 30 | |
| <i>Surrogate:</i> | | | | | | | | | | |
| Dibromofluoromethane | | | | | 99 | 98 | 68-133 | | | |
| Toluene-d8 | | | | | 104 | 102 | 79-123 | | | |
| 4-Bromofluorobenzene | | | | | 104 | 103 | 78-117 | | | |





Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
 - B - The analyte indicated was also found in the blank sample.
 - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
 - E - The value reported exceeds the quantitation range and is an estimate.
 - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
 - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
 - I - Compound recovery is outside of the control limits.
 - J - The value reported was below the practical quantitation limit. The value is an estimate.
 - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
 - L - The RPD is outside of the control limits.
 - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
 - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
 - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
 - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
 - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
 - P - The RPD of the detected concentrations between the two columns is greater than 40.
 - Q - Surrogate recovery is outside of the control limits.
 - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
 - T - The sample chromatogram is not similar to a typical _____.
 - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
 - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
 - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
 - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
 - X - Sample extract treated with a mercury cleanup procedure.
 - X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.
 - X2 - Sample extract treated with a silica gel cleanup procedure.
 - Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
 - Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.
 - Z -
- ND - Not Detected at PQL
 PQL - Practical Quantitation Limit
 RPD - Relative Percent Difference





OnSite Environmental Inc.
 Analytical Laboratory Testing Services
 14648 NE 95th Street • Redmond, WA 98052
 Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

Turnaround Request
(in working days)

(Check One)

Same Day 1 Day

2 Days 3 Days

Standard (7 Days)

_____ (other)

Number of Containers

Laboratory Number: **04-380**

- NWTPH-HCID
- NWTPH-Gx/BTEX (8021 8260
- NWTPH-Gx
- NWTPH-Dx (SG Clean-up
- Volatiles 8260
- Halogenated Volatiles 8260
- EDB EPA 8011 (Waters Only)
- Semivolatiles 8270/SIM (with low-level PAHs)
- PAHs 8270/SIM (low-level)
- PCBs 8082
- Organochlorine Pesticides 8081
- Organophosphorus Pesticides 8270/SIM
- Chlorinated Acid Herbicides 8151
- Total RCRA Metals
- Total MTCA Metals
- TCLP Metals
- HEM (oil and grease) 1664

% Moisture

Company: **Herrera Env. Consultants**
 Project Number: **21-0768-003**
 Project Name: **Lakewood Towne Center**
 Project Manager: **George Ifimer**
 Sampled by: **J. Remus, S. Zhang**

| Lab ID | Sample Identification | Date Sampled | Time Sampled | Matrix |
|--------|-----------------------|--------------|--------------|--------|
| 11 | MW-SM | 4/23/25 | 1320 | water |
| 12 | MW-10 | " | 13:30 | " |
| 13 | MW-DUP | " | 0000 | " |
| 14 | TRIP BLANK | - | - | W |

| Signature | Company |
|-----------|---------|
| | Herrera |
| | OSE |

| Date | Time |
|---------|-------|
| 4/23/25 | 16:27 |
| 4/23/25 | 16:27 |

Comments/Special Instructions

Data Package: Standard Level III Level IV

Chromatograms with final report Electronic Data Deliverables (EDDs)



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

August 20, 2025

George Iftner
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 21-07668-003
Laboratory Reference No. 2507-368

Dear George:

Enclosed are the analytical results and associated quality control data for samples submitted on July 29, 2025.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal flourish extending to the right.

David Baumeister
Project Manager

Enclosures



Date of Report: August 20, 2025
Samples Submitted: July 29, 2025
Laboratory Reference: 2507-368
Project: 21-07668-003

Case Narrative

Samples were collected on July 29, 2025 and received by the laboratory on July 29, 2025. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.



Date of Report: August 20, 2025
 Samples Submitted: July 29, 2025
 Laboratory Reference: 2507-368
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
 page 1 of 2

Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 07-368-01 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Vinyl Chloride | 0.53 | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromomethane | ND | 3.8 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichlorofluoromethane | ND | 0.26 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Iodomethane | ND | 5.5 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,2-Dichloroethene | 2.5 | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichloroethene | 1.3 | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Tetrachloroethene | 1.3 | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |



Date of Report: August 20, 2025
 Samples Submitted: July 29, 2025
 Laboratory Reference: 2507-368
 Project: 21-07668-003

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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 07-368-01 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | 93 | 68-133 | | | | |
| <i>Toluene-d8</i> | 96 | 79-123 | | | | |
| <i>4-Bromofluorobenzene</i> | 91 | 78-117 | | | | |



Date of Report: August 20, 2025
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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 07-368-02 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromomethane | ND | 3.8 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichlorofluoromethane | ND | 0.26 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Iodomethane | ND | 5.5 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Tetrachloroethene | 0.33 | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 07-368-02 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>91</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>94</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>88</i> | <i>78-117</i> | | | | |



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 Samples Submitted: July 29, 2025
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 Project: 21-07668-003

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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-1D | | | | | |
| Laboratory ID: | 07-368-03 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromomethane | ND | 3.8 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichlorofluoromethane | ND | 0.26 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Iodomethane | ND | 5.5 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Tetrachloroethene | 0.24 | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-1D | | | | | |
| Laboratory ID: | 07-368-03 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | 92 | 68-133 | | | | |
| <i>Toluene-d8</i> | 95 | 79-123 | | | | |
| <i>4-Bromofluorobenzene</i> | 88 | 78-117 | | | | |



Date of Report: August 20, 2025
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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|--------------|------|-----------|---------------|---------------|-------|
| Client ID: | MW-2D | | | | | |
| Laboratory ID: | 07-368-04 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromomethane | ND | 3.8 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichlorofluoromethane | ND | 0.26 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Iodomethane | ND | 5.5 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Tetrachloroethene | 0.51 | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |



Date of Report: August 20, 2025
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 Laboratory Reference: 2507-368
 Project: 21-07668-003

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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-2D | | | | | |
| Laboratory ID: | 07-368-04 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | 93 | 68-133 | | | | |
| <i>Toluene-d8</i> | 96 | 79-123 | | | | |
| <i>4-Bromofluorobenzene</i> | 89 | 78-117 | | | | |



Date of Report: August 20, 2025
 Samples Submitted: July 29, 2025
 Laboratory Reference: 2507-368
 Project: 21-07668-003

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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-DUP | | | | | |
| Laboratory ID: | 07-368-05 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromomethane | ND | 3.8 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichlorofluoromethane | ND | 0.26 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Iodomethane | ND | 5.5 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Tetrachloroethene | 0.57 | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |



Date of Report: August 20, 2025
 Samples Submitted: July 29, 2025
 Laboratory Reference: 2507-368
 Project: 21-07668-003

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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-DUP | | | | | |
| Laboratory ID: | 07-368-05 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | 93 | 68-133 | | | | |
| <i>Toluene-d8</i> | 96 | 79-123 | | | | |
| <i>4-Bromofluorobenzene</i> | 88 | 78-117 | | | | |



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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-8D | | | | | |
| Laboratory ID: | 07-368-06 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromomethane | ND | 3.8 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichlorofluoromethane | ND | 0.26 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Iodomethane | ND | 5.5 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-8D | | | | | |
| Laboratory ID: | 07-368-06 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | 93 | 68-133 | | | | |
| <i>Toluene-d8</i> | 96 | 79-123 | | | | |
| <i>4-Bromofluorobenzene</i> | 89 | 78-117 | | | | |



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Matrix: Water

Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-4 | | | | | |
| Laboratory ID: | 07-368-07 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromomethane | ND | 3.8 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichlorofluoromethane | ND | 0.26 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Iodomethane | ND | 5.5 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,2-Dichloroethene | 0.24 | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Tetrachloroethene | 0.33 | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-4 | | | | | |
| Laboratory ID: | 07-368-07 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | 92 | 68-133 | | | | |
| <i>Toluene-d8</i> | 95 | 79-123 | | | | |
| <i>4-Bromofluorobenzene</i> | 89 | 78-117 | | | | |



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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-4M | | | | | |
| Laboratory ID: | 07-368-08 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromomethane | ND | 3.8 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichlorofluoromethane | ND | 0.26 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Iodomethane | ND | 5.5 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Tetrachloroethene | 0.32 | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |



Date of Report: August 20, 2025
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 Project: 21-07668-003

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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-4M | | | | | |
| Laboratory ID: | 07-368-08 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | 93 | 68-133 | | | | |
| <i>Toluene-d8</i> | 96 | 79-123 | | | | |
| <i>4-Bromofluorobenzene</i> | 90 | 78-117 | | | | |



Date of Report: August 20, 2025
 Samples Submitted: July 29, 2025
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 Project: 21-07668-003

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Matrix: Water
 Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-5 | | | | | |
| Laboratory ID: | 07-368-09 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromomethane | ND | 3.8 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichlorofluoromethane | ND | 0.26 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Iodomethane | ND | 5.5 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Tetrachloroethene | 0.31 | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |



Date of Report: August 20, 2025
 Samples Submitted: July 29, 2025
 Laboratory Reference: 2507-368
 Project: 21-07668-003

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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-5 | | | | | |
| Laboratory ID: | 07-368-09 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | <i>91</i> | <i>68-133</i> | | | | |
| <i>Toluene-d8</i> | <i>95</i> | <i>79-123</i> | | | | |
| <i>4-Bromofluorobenzene</i> | <i>89</i> | <i>78-117</i> | | | | |



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Matrix: Water

Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-5M | | | | | |
| Laboratory ID: | 07-368-10 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromomethane | ND | 3.8 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichlorofluoromethane | ND | 0.26 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Iodomethane | ND | 5.5 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Tetrachloroethene | 0.31 | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | MW-5M | | | | | |
| Laboratory ID: | 07-368-10 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | 93 | 68-133 | | | | |
| <i>Toluene-d8</i> | 96 | 79-123 | | | | |
| <i>4-Bromofluorobenzene</i> | 90 | 78-117 | | | | |



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 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D

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Matrix: Water

Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | Trip Blank | | | | | |
| Laboratory ID: | 07-368-11 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromomethane | ND | 3.8 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichlorofluoromethane | ND | 0.26 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Iodomethane | ND | 5.5 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |



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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| Client ID: | Trip Blank | | | | | |
| Laboratory ID: | 07-368-11 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | 92 | 68-133 | | | | |
| <i>Toluene-d8</i> | 96 | 79-123 | | | | |
| <i>4-Bromofluorobenzene</i> | 89 | 78-117 | | | | |



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 Project: 21-07668-003

**VOLATILE ORGANICS EPA 8260D
 QUALITY CONTROL**

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Matrix: Water

Units: ug/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|----------|------|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0730W1 | | | | | |
| Dichlorodifluoromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloromethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Vinyl Chloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromomethane | ND | 3.8 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroethane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichlorofluoromethane | ND | 0.26 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Iodomethane | ND | 5.5 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Methylene Chloride | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,2-Dichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chloroform | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Carbon Tetrachloride | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Trichloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromomethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromodichloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (cis) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| (trans) 1,3-Dichloropropene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2-Trichloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Tetrachloroethene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Dibromochloromethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromoethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Chlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,1,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Bromoform | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |



Date of Report: August 20, 2025
 Samples Submitted: July 29, 2025
 Laboratory Reference: 2507-368
 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-----------------------------|-------------------------|-----------------------|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0730W1 | | | | | |
| Bromobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,1,2,2-Tetrachloroethane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichloropropane | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 2-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 4-Chlorotoluene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,3-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,4-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2-Dibromo-3-chloropropane | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,4-Trichlorobenzene | ND | 0.20 | EPA 8260D | 7-30-25 | 7-30-25 | |
| Hexachlorobutadiene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| 1,2,3-Trichlorobenzene | ND | 1.0 | EPA 8260D | 7-30-25 | 7-30-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| <i>Dibromofluoromethane</i> | 93 | 68-133 | | | | |
| <i>Toluene-d8</i> | 95 | 79-123 | | | | |
| <i>4-Bromofluorobenzene</i> | 90 | 78-117 | | | | |



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 Project: 21-07668-003

VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
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Matrix: Water
 Units: ug/L

| Analyte | Result | | Spike Level | | Percent Recovery | | Recovery | RPD | | Flags |
|-----------------------------|----------|------|-------------|------|------------------|--------|----------|-------|----|-------|
| | | | | | Recovery | Limits | RPD | Limit | | |
| SPIKE BLANKS | | | | | | | | | | |
| Laboratory ID: | SB0730W1 | | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Dichlorodifluoromethane | 9.82 | 9.35 | 10.0 | 10.0 | 98 | 94 | 34-166 | 5 | 25 | |
| Chloromethane | 18.4 | 17.7 | 10.0 | 10.0 | 184 | 177 | 38-141 | 4 | 31 | I,I |
| Vinyl Chloride | 9.19 | 8.68 | 10.0 | 10.0 | 92 | 87 | 67-131 | 6 | 16 | |
| Bromomethane | 2.65 | 2.41 | 10.0 | 10.0 | 27 | 24 | 30-155 | 9 | 34 | I,I |
| Chloroethane | 9.99 | 9.21 | 10.0 | 10.0 | 100 | 92 | 63-130 | 8 | 18 | |
| Trichlorofluoromethane | 7.69 | 7.43 | 10.0 | 10.0 | 77 | 74 | 80-131 | 3 | 17 | I,I |
| 1,1-Dichloroethene | 9.24 | 8.78 | 10.0 | 10.0 | 92 | 88 | 77-125 | 5 | 15 | |
| Iodomethane | 1.83 | 1.39 | 10.0 | 10.0 | 18 | 14 | 27-146 | 27 | 33 | I,I |
| Methylene Chloride | 9.45 | 8.88 | 10.0 | 10.0 | 95 | 89 | 66-123 | 6 | 15 | |
| (trans) 1,2-Dichloroethene | 9.80 | 9.20 | 10.0 | 10.0 | 98 | 92 | 76-126 | 6 | 15 | |
| 1,1-Dichloroethane | 9.91 | 9.24 | 10.0 | 10.0 | 99 | 92 | 75-126 | 7 | 15 | |
| 2,2-Dichloropropane | 10.9 | 10.4 | 10.0 | 10.0 | 109 | 104 | 75-154 | 5 | 19 | |
| (cis) 1,2-Dichloroethene | 10.1 | 9.50 | 10.0 | 10.0 | 101 | 95 | 77-129 | 6 | 15 | |
| Bromochloromethane | 10.5 | 9.84 | 10.0 | 10.0 | 105 | 98 | 72-129 | 6 | 19 | |
| Chloroform | 9.86 | 9.17 | 10.0 | 10.0 | 99 | 92 | 72-125 | 7 | 15 | |
| 1,1,1-Trichloroethane | 9.42 | 8.87 | 10.0 | 10.0 | 94 | 89 | 79-127 | 6 | 15 | |
| Carbon Tetrachloride | 9.28 | 8.81 | 10.0 | 10.0 | 93 | 88 | 78-131 | 5 | 15 | |
| 1,1-Dichloropropene | 9.22 | 8.71 | 10.0 | 10.0 | 92 | 87 | 77-124 | 6 | 15 | |
| 1,2-Dichloroethane | 10.0 | 9.21 | 10.0 | 10.0 | 100 | 92 | 74-128 | 8 | 15 | |
| Trichloroethene | 9.47 | 9.05 | 10.0 | 10.0 | 95 | 91 | 80-130 | 5 | 15 | |
| 1,2-Dichloropropane | 10.2 | 9.75 | 10.0 | 10.0 | 102 | 98 | 80-124 | 5 | 15 | |
| Dibromomethane | 10.8 | 10.3 | 10.0 | 10.0 | 108 | 103 | 80-131 | 5 | 15 | |
| Bromodichloromethane | 10.9 | 10.2 | 10.0 | 10.0 | 109 | 102 | 81-131 | 7 | 15 | |
| (cis) 1,3-Dichloropropene | 10.9 | 10.5 | 10.0 | 10.0 | 109 | 105 | 74-136 | 4 | 15 | |
| (trans) 1,3-Dichloropropene | 11.9 | 11.3 | 10.0 | 10.0 | 119 | 113 | 69-137 | 5 | 15 | |
| 1,1,2-Trichloroethane | 10.5 | 9.99 | 10.0 | 10.0 | 105 | 100 | 80-122 | 5 | 15 | |
| Tetrachloroethene | 10.1 | 9.79 | 10.0 | 10.0 | 101 | 98 | 80-130 | 3 | 20 | |
| 1,3-Dichloropropane | 10.7 | 10.0 | 10.0 | 10.0 | 107 | 100 | 82-128 | 7 | 15 | |
| Dibromochloromethane | 10.3 | 9.28 | 10.0 | 10.0 | 103 | 93 | 58-149 | 10 | 32 | |
| 1,2-Dibromoethane | 11.0 | 10.4 | 10.0 | 10.0 | 110 | 104 | 82-127 | 6 | 15 | |
| Chlorobenzene | 10.6 | 10.2 | 10.0 | 10.0 | 106 | 102 | 80-120 | 4 | 15 | |
| 1,1,1,2-Tetrachloroethane | 10.6 | 10.2 | 10.0 | 10.0 | 106 | 102 | 80-127 | 4 | 15 | |
| Bromoform | 8.99 | 8.84 | 10.0 | 10.0 | 90 | 88 | 66-136 | 2 | 15 | |



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VOLATILE ORGANICS EPA 8260D
QUALITY CONTROL
 page 2 of 2

| Analyte | Result | | Spike Level | | Percent Recovery | | Recovery Limits | RPD | RPD Limit | Flags |
|-----------------------------|----------|------|-------------|------|------------------|-----|-----------------|-----|-----------|-------|
| | | | | | SB | SBD | SB | SBD | SB | SBD |
| SPIKE BLANKS | | | | | | | | | | |
| Laboratory ID: | SB0730W1 | | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Bromobenzene | 10.9 | 10.4 | 10.0 | 10.0 | 109 | 104 | 82-123 | 5 | 15 | |
| 1,1,2,2-Tetrachloroethane | 10.7 | 10.2 | 10.0 | 10.0 | 107 | 102 | 78-124 | 5 | 15 | |
| 1,2,3-Trichloropropane | 10.2 | 9.83 | 10.0 | 10.0 | 102 | 98 | 67-123 | 4 | 15 | |
| 2-Chlorotoluene | 10.6 | 10.2 | 10.0 | 10.0 | 106 | 102 | 77-126 | 4 | 15 | |
| 4-Chlorotoluene | 11.1 | 10.7 | 10.0 | 10.0 | 111 | 107 | 79-128 | 4 | 15 | |
| 1,3-Dichlorobenzene | 10.9 | 10.5 | 10.0 | 10.0 | 109 | 105 | 79-125 | 4 | 15 | |
| 1,4-Dichlorobenzene | 10.6 | 10.4 | 10.0 | 10.0 | 106 | 104 | 78-123 | 2 | 15 | |
| 1,2-Dichlorobenzene | 10.6 | 10.2 | 10.0 | 10.0 | 106 | 102 | 79-125 | 4 | 15 | |
| 1,2-Dibromo-3-chloropropane | 10.4 | 10.1 | 10.0 | 10.0 | 104 | 101 | 62-133 | 3 | 17 | |
| 1,2,4-Trichlorobenzene | 9.77 | 9.81 | 10.0 | 10.0 | 98 | 98 | 74-140 | 0 | 20 | |
| Hexachlorobutadiene | 8.54 | 8.84 | 10.0 | 10.0 | 85 | 88 | 76-144 | 3 | 22 | |
| 1,2,3-Trichlorobenzene | 8.60 | 8.53 | 10.0 | 10.0 | 86 | 85 | 64-142 | 1 | 28 | |
| <i>Surrogate:</i> | | | | | | | | | | |
| Dibromofluoromethane | | | | | 93 | 93 | 68-133 | | | |
| Toluene-d8 | | | | | 96 | 96 | 79-123 | | | |
| 4-Bromofluorobenzene | | | | | 91 | 92 | 78-117 | | | |



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**TOTAL METALS
 EPA 6010D**

Matrix: Water
 Units: ug/L (ppb)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 07-368-01 | | | | | |
| Iron | 58 | 50 | EPA 6010D | 8-1-25 | 8-1-25 | |
| Manganese | 380 | 10 | EPA 6010D | 8-1-25 | 8-1-25 | |

| | | | | | | |
|-------------------|--------------|----|-----------|--------|--------|--|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 07-368-02 | | | | | |
| Iron | ND | 50 | EPA 6010D | 8-1-25 | 8-1-25 | |
| Manganese | ND | 10 | EPA 6010D | 8-1-25 | 8-1-25 | |



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**TOTAL METALS
 EPA 6010D
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---------------------|-----------|-----|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0801WH1 | | | | | |
| Iron | ND | 50 | EPA 6010D | 8-1-25 | 8-1-25 | |
| Manganese | ND | 10 | EPA 6010D | 8-1-25 | 8-1-25 | |

| Analyte | Result | Spike Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|------------------|-----------|-------------|---------------|------------------|-----------------|-----|-----------|-------|
| DUPLICATE | | | | | | | | |
| Laboratory ID: | 07-228-07 | | | | | | | |
| | ORIG | DUP | | | | | | |
| Iron | 148 | 142 | NA | NA | NA | NA | 5 | 20 |
| Manganese | 239 | 239 | NA | NA | NA | NA | 0 | 20 |

MATRIX SPIKES

| | | | | | | | | | | |
|----------------|-----------|-------|-------|-------|-----|-----|-----|--------|---|----|
| Laboratory ID: | 07-228-07 | | | | | | | | | |
| | MS | MSD | MS | MSD | | MS | MSD | | | |
| Iron | 19000 | 18800 | 20000 | 20000 | 148 | 94 | 93 | 75-125 | 1 | 20 |
| Manganese | 745 | 738 | 500 | 500 | 239 | 101 | 100 | 75-125 | 1 | 20 |



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**DISSOLVED METALS
 EPA 6010D**

Matrix: Water
 Units: ug/L (ppb)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 07-368-01 | | | | | |
| Iron | ND | 56 | EPA 6010D | | 8-4-25 | |
| Manganese | 340 | 11 | EPA 6010D | | 8-4-25 | |

| | | | | | | |
|-------------------|--------------|----|-----------|--|--------|--|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 07-368-02 | | | | | |
| Iron | ND | 56 | EPA 6010D | | 8-4-25 | |
| Manganese | ND | 11 | EPA 6010D | | 8-4-25 | |



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**DISSOLVED METALS
 EPA 6010D
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---------------------|----------|-----|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0730F1 | | | | | |
| Iron | ND | 56 | EPA 6010D | | 8-4-25 | |
| Manganese | ND | 11 | EPA 6010D | | 8-4-25 | |

| Analyte | Result | Spike Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|------------------|-----------|-------------|---------------|------------------|-----------------|-----|-----------|-------|
| DUPLICATE | | | | | | | | |
| Laboratory ID: | 07-368-01 | | | | | | | |
| | ORIG | DUP | | | | | | |
| Iron | ND | ND | NA | NA | NA | NA | 20 | |
| Manganese | 341 | 390 | NA | NA | NA | 13 | 20 | |

MATRIX SPIKES

| | | | | | | | | | | |
|----------------|-----------|-------|-------|-------|-----|-----|-----|--------|---|----|
| Laboratory ID: | 07-368-01 | | | | | | | | | |
| | MS | MSD | MS | MSD | | MS | MSD | | | |
| Iron | 21700 | 21800 | 22200 | 22200 | ND | 98 | 98 | 75-125 | 1 | 20 |
| Manganese | 906 | 900 | 556 | 556 | 341 | 102 | 101 | 75-125 | 1 | 20 |



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 Project: 21-07668-003

**DISSOLVED GASES
RSK 175**

Matrix: Water
 Units: ug/L (ppb)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-------------------|-------------------------|-----------------------|---------|---------------|---------------|-------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 07-368-01 | | | | | |
| Methane | 6.2 | 0.55 | RSK 175 | 8-1-25 | 8-1-25 | |
| Ethane | ND | 0.56 | RSK 175 | 8-1-25 | 8-1-25 | |
| Ethene | ND | 0.58 | RSK 175 | 8-1-25 | 8-1-25 | |
| Acetylene | ND | 3.1 | RSK 175 | 8-1-25 | 8-1-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| 1-Butene | 122 | 50-150 | | | | |

| | | | | | | |
|-------------------|-------------------------|-----------------------|---------|--------|--------|--|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 07-368-02 | | | | | |
| Methane | ND | 0.55 | RSK 175 | 8-1-25 | 8-1-25 | |
| Ethane | ND | 0.56 | RSK 175 | 8-1-25 | 8-1-25 | |
| Ethene | ND | 0.58 | RSK 175 | 8-1-25 | 8-1-25 | |
| Acetylene | ND | 3.1 | RSK 175 | 8-1-25 | 8-1-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| 1-Butene | 119 | 50-150 | | | | |



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 Project: 21-07668-003

**DISSOLVED GASES
 RSK 175
 QUALITY CONTROL**

Matrix: Water
 Units: ug/L (ppb)

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---------------------|-------------------------|-----------------------|---------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0801W1 | | | | | |
| Methane | ND | 0.55 | RSK 175 | 8-1-25 | 8-1-25 | |
| Ethane | ND | 0.56 | RSK 175 | 8-1-25 | 8-1-25 | |
| Ethene | ND | 0.58 | RSK 175 | 8-1-25 | 8-1-25 | |
| Acetylene | ND | 3.1 | RSK 175 | 8-1-25 | 8-1-25 | |
| <i>Surrogate:</i> | <i>Percent Recovery</i> | <i>Control Limits</i> | | | | |
| 1-Butene | 117 | 50-150 | | | | |

| Analyte | Result | | Spike Level | | Percent Recovery | | Recovery Limits | RPD | RPD Limit | Flags |
|--------------------|----------|------|-------------|------|------------------|-----|-----------------|-----|-----------|-------|
| SPIKE BLANK | | | | | | | | | | |
| Laboratory ID: | SB0801W1 | | | | | | | | | |
| | SB | SBD | SB | SBD | SB | SBD | | | | |
| Methane | 34.8 | 34.6 | 44.2 | 44.2 | 79 | 78 | 75-125 | 1 | 25 | |
| Ethane | 67.1 | 65.3 | 83.2 | 83.2 | 81 | 79 | 75-125 | 3 | 25 | |
| Ethene | 73.8 | 71.5 | 77.7 | 77.7 | 95 | 92 | 75-125 | 3 | 25 | |
| Acetylene | 93.4 | 83.5 | 72.0 | 72.0 | 130 | 116 | 60-140 | 11 | 25 | |
| <i>Surrogate:</i> | | | | | | | | | | |
| 1-Butene | | | | | 88 | 74 | 50-150 | | | |



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 Project: 21-07668-003

**TOTAL ORGANIC CARBON
 SM 5310B**

Matrix: Water
 Units: mg/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|----------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 07-368-01 | | | | | |
| Total Organic Carbon | 2.5 | 1.0 | SM 5310B | 8-5-25 | 8-5-25 | |

| | | | | | | |
|----------------------|--------------|-----|----------|--------|--------|--|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 07-368-02 | | | | | |
| Total Organic Carbon | ND | 1.0 | SM 5310B | 8-5-25 | 8-5-25 | |



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**TOTAL ORGANIC CARBON
 SM 5310B
 QUALITY CONTROL**

Matrix: Water
 Units: mg/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|----------------------|-----------|-----|----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0805W1 | | | | | |
| Total Organic Carbon | ND | 1.0 | SM 5310B | 8-5-25 | 8-5-25 | |

| Analyte | Result | Spike Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|----------------------|-------------|-------------|---------------|------------------|-----------------|-----|-----------|-------|
| DUPLICATE | | | | | | | | |
| Laboratory ID: | 07-368-01 | | | | | | | |
| | ORIG | DUP | | | | | | |
| Total Organic Carbon | 2.46 | 2.51 | NA | NA | NA | 2 | 10 | |

MATRIX SPIKES

| | | | | | | | | | | |
|----------------------|-------------|-------------|------|------|------|-----|-----|--------|---|----|
| Laboratory ID: | 07-368-01 | | | | | | | | | |
| | MS | MSD | MS | MSD | MS | MSD | | | | |
| Total Organic Carbon | 14.8 | 13.7 | 10.0 | 10.0 | 2.46 | 123 | 112 | 70-136 | 8 | 20 |

SPIKE BLANK

| | | | | | | | | | | |
|----------------------|-------------|--|------|--|----|-----|--|--------|----|----|
| Laboratory ID: | SB0805W1 | | | | | | | | | |
| | SB | | SB | | SB | | | | | |
| Total Organic Carbon | 11.4 | | 10.0 | | NA | 114 | | 83-130 | NA | NA |



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Project: 21-07668-003

SULFATE
ASTM D516-16

Matrix: Water
Units: mg/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 07-368-01 | | | | | |
| Sulfate | 23 | 5.0 | ASTM D516-16 | 7-30-25 | 7-30-25 | |

| | | | | | | |
|-------------------|--------------|-----|--------------|---------|---------|--|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 07-368-02 | | | | | |
| Sulfate | 6.0 | 5.0 | ASTM D516-16 | 7-30-25 | 7-30-25 | |



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**SULFATE
 ASTM D516-16
 QUALITY CONTROL**

Matrix: Water
 Units: mg/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---------------------|-----------|-----|--------------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0730W1 | | | | | |
| Sulfate | ND | 5.0 | ASTM D516-16 | 7-30-25 | 7-30-25 | |

| Analyte | Result | Spike Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|------------------|-------------|-------------|---------------|------------------|-----------------|-----|-----------|-------|
| DUPLICATE | | | | | | | | |
| Laboratory ID: | 07-368-01 | | | | | | | |
| | ORIG | DUP | | | | | | |
| Sulfate | 23.2 | 22.7 | NA | NA | NA | 2 | 11 | |

| | | | | | | | | |
|---------------------|-------------|------|------|----|--------|----|----|--|
| MATRIX SPIKE | | | | | | | | |
| Laboratory ID: | 07-368-01 | | | | | | | |
| | MS | MS | | MS | | | | |
| Sulfate | 32.3 | 10.0 | 23.2 | 91 | 70-131 | NA | NA | |

| | | | | | | | | |
|--------------------|-------------|------|----|----|--------|----|----|--|
| SPIKE BLANK | | | | | | | | |
| Laboratory ID: | SB0730W1 | | | | | | | |
| | SB | SB | | SB | | | | |
| Sulfate | 8.96 | 10.0 | NA | 90 | 83-113 | NA | NA | |



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Laboratory Reference: 2507-368
Project: 21-07668-003

NITRATE (as Nitrogen)
EPA 353.2

Matrix: Water
Units: mg/L-N

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-------------------|---------------|------------|---------------|----------------------|----------------------|--------------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 07-368-01 | | | | | |
| Nitrate | 20 | 5.0 | EPA 353.2 | 7-30-25 | 7-30-25 | |

| | | | | | | |
|-------------------|--------------|-------|-----------|---------|---------|--|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 07-368-02 | | | | | |
| Nitrate | 2.0 | 0.050 | EPA 353.2 | 7-30-25 | 7-30-25 | |



Date of Report: August 20, 2025
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 Laboratory Reference: 2507-368
 Project: 21-07668-003

**NITRATE (as Nitrogen)
 EPA 353.2
 QUALITY CONTROL**

Matrix: Water
 Units: mg/L-N

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---------------------|-----------|-------|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0730W1 | | | | | |
| Nitrate | ND | 0.050 | EPA 353.2 | 7-30-25 | 7-30-25 | |

| Analyte | Result | Spike Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|------------------|-------------|-------------|---------------|------------------|-----------------|-----|-----------|-------|
| DUPLICATE | | | | | | | | |
| Laboratory ID: | 07-368-01 | | | | | | | |
| | ORIG | DUP | | | | | | |
| Nitrate | 19.7 | 18.6 | NA | NA | NA | 6 | 23 | |

| | | | | | | | | |
|---------------------|------------|-----|------|-----|--------|----|----|--|
| MATRIX SPIKE | | | | | | | | |
| Laboratory ID: | 07-368-01 | | | | | | | |
| | MS | MS | | MS | | | | |
| Nitrate | 247 | 200 | 19.7 | 114 | 74-130 | NA | NA | |

| | | | | | | | | |
|--------------------|-------------|------|----|-----|--------|----|----|--|
| SPIKE BLANK | | | | | | | | |
| Laboratory ID: | SB0730W1 | | | | | | | |
| | SB | SB | | SB | | | | |
| Nitrate | 2.42 | 2.00 | NA | 121 | 82-128 | NA | NA | |



Date of Report: August 20, 2025
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 Project: 21-07668-003

NITRITE (as Nitrogen)
EPA 353.2

Matrix: Water
 Units: mg/L-N

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-------------------|--------------|-------|-----------|---------------|---------------|-------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 07-368-01 | | | | | |
| Nitrite | 0.077 | 0.020 | EPA 353.2 | 7-30-25 | 7-30-25 | |

| | | | | | | |
|-------------------|--------------|-------|-----------|---------|---------|--|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 07-368-02 | | | | | |
| Nitrite | ND | 0.020 | EPA 353.2 | 7-30-25 | 7-30-25 | |



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NITRITE (as Nitrogen)
EPA 353.2
QUALITY CONTROL

Matrix: Water
 Units: mg/L-N

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---------------------|-----------|-------|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0730W1 | | | | | |
| Nitrite | ND | 0.020 | EPA 353.2 | 7-30-25 | 7-30-25 | |

| Analyte | Result | Spike Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|------------------|---------------|---------------|---------------|------------------|-----------------|-----|-----------|-------|
| DUPLICATE | | | | | | | | |
| Laboratory ID: | 07-368-01 | | | | | | | |
| | ORIG | DUP | | | | | | |
| Nitrite | 0.0769 | 0.0752 | NA | NA | NA | NA | 2 | 11 |

| | | | | | | | | |
|---------------------|--------------|-------|--------|----|--------|----|----|--|
| MATRIX SPIKE | | | | | | | | |
| Laboratory ID: | 07-368-01 | | | | | | | |
| | MS | MS | | MS | | | | |
| Nitrite | 0.318 | 0.250 | 0.0769 | 96 | 71-129 | NA | NA | |

| | | | | | | | | |
|--------------------|--------------|-------|----|----|--------|----|----|--|
| SPIKE BLANK | | | | | | | | |
| Laboratory ID: | SB0730W1 | | | | | | | |
| | SB | SB | | SB | | | | |
| Nitrite | 0.238 | 0.250 | NA | 95 | 79-123 | NA | NA | |



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TOTAL PHOSPHORUS
EPA 365.1

Matrix: Water
 Units: mg/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-------------------|--------------|-------|-----------|---------------|---------------|-------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 07-368-01 | | | | | |
| Total Phosphorus | 0.24 | 0.011 | EPA 365.1 | 8-6-25 | 8-7-25 | |

| | | | | | | |
|-------------------|--------------|-------|-----------|--------|--------|--|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 07-368-02 | | | | | |
| Total Phosphorus | 0.045 | 0.011 | EPA 365.1 | 8-6-25 | 8-7-25 | |



Date of Report: August 20, 2025
 Samples Submitted: July 29, 2025
 Laboratory Reference: 2507-368
 Project: 21-07668-003

**TOTAL PHOSPHORUS
 EPA 365.1
 QUALITY CONTROL**

Matrix: Water
 Units: mg/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---------------------|-----------|-------|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0806W1 | | | | | |
| Total Phosphorus | ND | 0.011 | EPA 365.1 | 8-6-25 | 8-7-25 | |

| Analyte | Result | Spike Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|------------------|---------------|---------------|---------------|------------------|-----------------|-----|-----------|-------|
| DUPLICATE | | | | | | | | |
| Laboratory ID: | 07-368-02 | | | | | | | |
| | ORIG | DUP | | | | | | |
| Total Phosphorus | 0.0452 | 0.0397 | NA | NA | NA | NA | 13 | 23 |

| | | | | | | | | |
|---------------------|--------------|-------|--------|----|--------|----|----|--|
| MATRIX SPIKE | | | | | | | | |
| Laboratory ID: | 07-368-02 | | | | | | | |
| | MS | MS | | MS | | | | |
| Total Phosphorus | 0.275 | 0.250 | 0.0452 | 92 | 81-116 | NA | NA | |

| | | | | | | | | |
|--------------------|--------------|-------|----|----|--------|----|----|--|
| SPIKE BLANK | | | | | | | | |
| Laboratory ID: | SB0806W1 | | | | | | | |
| | SB | SB | | SB | | | | |
| Total Phosphorus | 0.229 | 0.250 | NA | 92 | 75-119 | NA | NA | |



Date of Report: August 20, 2025
 Samples Submitted: July 29, 2025
 Laboratory Reference: 2507-368
 Project: 21-07668-003

AMMONIA (as Nitrogen)
SM 4500-NH₃ D

Matrix: Water
 Units: mg/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-------------------|--------------|-------|---------------|---------------|---------------|-------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 07-368-01 | | | | | |
| Ammonia | 2.3 | 0.053 | SM 4500-NH3 D | 8-1-25 | 8-1-25 | |

| | | | | | | |
|-------------------|--------------|-------|---------------|--------|--------|--|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 07-368-02 | | | | | |
| Ammonia | ND | 0.053 | SM 4500-NH3 D | 8-1-25 | 8-1-25 | |



Date of Report: August 20, 2025
 Samples Submitted: July 29, 2025
 Laboratory Reference: 2507-368
 Project: 21-07668-003

**AMMONIA (as Nitrogen)
 SM 4500-NH₃ D
 QUALITY CONTROL**

Matrix: Water
 Units: mg/L

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---------------------|-----------|-------|---------------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0801W1 | | | | | |
| Ammonia | ND | 0.053 | SM 4500-NH3 D | 8-1-25 | 8-1-25 | |

| Analyte | Result | Spike Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|------------------|-------------|-------------|---------------|------------------|-----------------|-----|-----------|-------|
| DUPLICATE | | | | | | | | |
| Laboratory ID: | 07-368-01 | | | | | | | |
| | ORIG | DUP | | | | | | |
| Ammonia | 2.29 | 2.35 | NA | NA | NA | NA | 3 | 21 |

MATRIX SPIKES

| | | | | | | | | | | |
|----------------|-------------|-------------|------|------|------|-----|-----|--------|---|----|
| Laboratory ID: | 07-368-01 | | | | | | | | | |
| | MS | MSD | MS | MSD | MS | MSD | | | | |
| Ammonia | 7.59 | 7.37 | 5.00 | 5.00 | 2.29 | 106 | 102 | 76-114 | 3 | 20 |

SPIKE BLANK

| | | | | | | | | | | |
|----------------|-------------|--|------|--|----|----|--|--------|----|----|
| Laboratory ID: | SB0801W1 | | | | | | | | | |
| | SB | | SB | | SB | | | | | |
| Ammonia | 4.94 | | 5.00 | | NA | 99 | | 81-110 | NA | NA |





Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
 - B - The analyte indicated was also found in the blank sample.
 - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
 - E - The value reported exceeds the quantitation range and is an estimate.
 - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
 - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
 - I - Compound recovery is outside of the control limits.
 - J - The value reported was below the practical quantitation limit. The value is an estimate.
 - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
 - L - The RPD is outside of the control limits.
 - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
 - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
 - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
 - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
 - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
 - P - The RPD of the detected concentrations between the two columns is greater than 40.
 - Q - Surrogate recovery is outside of the control limits.
 - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
 - T - The sample chromatogram is not similar to a typical _____.
 - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
 - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
 - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
 - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
 - X - Sample extract treated with a mercury cleanup procedure.
 - X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.
 - X2 - Sample extract treated with a silica gel cleanup procedure.
 - Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
 - Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.
 - Z -
- ND - Not Detected at PQL
 PQL - Practical Quantitation Limit
 RPD - Relative Percent Difference



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**Professional
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August 18, 2025

OnSite Environmental Inc.
14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister

Project: OSE
Project Number: 21-07668-003
COC Number: 07-368

David Baumeister:

Enclosed please find the analytical data for your OSE project.

Your sample(s) were received on Tuesday, July 29, 2025 and properly maintained prior to the subsequent analysis. The analytical procedures used at AmTest are well documented and are typically derived from the protocols of the EPA, USDA, FDA, Standard Methods or the Army Corps of Engineers.

Following the analytical results you will find the Quality Control (QA/QC) results.

Please note that the detection limits that are listed in the body of the report refer to the Practical Quantitation Limits (PQL's), as opposed to the Method Detection Limits (MDL's).

If you should have any questions pertaining to the data package, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Aaron Young". The signature is written in a cursive style with a long horizontal stroke at the end.

ElementStationManager For Aaron Young

President

aarony@amtestlab.com

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Kirkland, WA
(425) 885-1664
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**Professional
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ANALYSIS REPORT

Date Received: 07/29/25

Date Reported: 08/18/25

OnSite Environmental Inc.

14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: OSE
Project #: 21-07668-003

Reported Samples

| Lab ID | Sample | Matrix | Qualifiers | Date Sampled | Date Received |
|-------------|--------|--------|------------|--------------|---------------|
| A25G0641-01 | MW-1S | Water | | 07/29/2025 | 07/29/2025 |
| A25G0641-02 | MW-1M | Water | | 07/29/2025 | 07/29/2025 |

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ANALYSIS REPORT

Date Received: 07/29/25

Date Reported: 08/18/25

OnSite Environmental Inc.

14648 NE 95th ST
 Redmond, WA 98052
 Attention: David Baumeister
 Project Name: OSE
 Project #: 21-07668-003

AMTEST Identification Number: A25G0641-01

Client Identification: MW-1S

Sampling Date: 07/29/25 10:30

Conventional Chemistry Parameters by APHA/EPA Methods

| PARAMETER | RESULT | UNITS | Q | R.L. | METHOD | ANALYST | DATE |
|-------------------------|--------|-------|---|------|------------------|---------|------------|
| Total Kjeldahl Nitrogen | 4.01 | mg/L | | 0.25 | EPA 351.2_2_1993 | CC | 08/14/2025 |

Biochemical Oxygen Demand

| PARAMETER | RESULT | UNITS | Q | R.L. | METHOD | ANALYST | DATE |
|--------------------------------|--------|-------|---|------|---------------|---------|------------|
| Biological Oxygen Demand (BOD) | 3.2 | mg/L | | 2.0 | SM 5210B_2016 | JM | 07/31/2025 |

AMTEST Identification Number: A25G0641-02

Client Identification: MW-1M

Sampling Date: 07/29/25 11:40

Conventional Chemistry Parameters by APHA/EPA Methods

| PARAMETER | RESULT | UNITS | Q | R.L. | METHOD | ANALYST | DATE |
|-------------------------|--------|-------|---|------|------------------|---------|------------|
| Total Kjeldahl Nitrogen | 0.40 | mg/L | | 0.25 | EPA 351.2_2_1993 | CC | 08/14/2025 |

Biochemical Oxygen Demand

| PARAMETER | RESULT | UNITS | Q | R.L. | METHOD | ANALYST | DATE |
|--------------------------------|--------|-------|---|------|---------------|---------|------------|
| Biological Oxygen Demand (BOD) | ND | mg/L | U | 2.0 | SM 5210B_2016 | JM | 07/31/2025 |



ANALYSIS REPORT

Date Received: 07/29/25

Date Reported: 08/18/25

OnSite Environmental Inc.

14648 NE 95th ST
 Redmond, WA 98052
 Attention: David Baumeister
 Project Name: OSE
 Project #: 21-07668-003

Quality Control

Conventional Chemistry Parameters by APHA/EPA Methods

| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch: BCH0155 - No Prep - WetChem

Blank (BCH0155-BLK1)

Prepared: 08/11/25 Analyzed: 08/14/25

Total Kjeldahl Nitrogen ND U 0.25 mg/L

Blank (BCH0155-BLK2)

Prepared: 08/11/25 Analyzed: 08/14/25

Total Kjeldahl Nitrogen ND U 0.25 mg/L

Blank (BCH0155-BLK3)

Prepared: 08/11/25 Analyzed: 08/14/25

Total Kjeldahl Nitrogen ND U 0.25 mg/L

LCS (BCH0155-BS1)

Prepared: 08/11/25 Analyzed: 08/14/25

Total Kjeldahl Nitrogen 0.51 0.25 mg/L 0.5000 103% 85-115%

LCS (BCH0155-BS2)

Prepared: 08/11/25 Analyzed: 08/14/25

Total Kjeldahl Nitrogen 0.52 0.25 mg/L 0.5000 104% 85-115%

LCS (BCH0155-BS3)

Prepared: 08/11/25 Analyzed: 08/14/25

Total Kjeldahl Nitrogen 0.51 0.25 mg/L 0.5000 101% 85-115%

Calibration Blank (BCH0155-CCB1)

Prepared: 08/11/25 Analyzed: 08/14/25

Total Kjeldahl Nitrogen ND U mg/L

Calibration Blank (BCH0155-CCB2)

Prepared: 08/11/25 Analyzed: 08/14/25

Total Kjeldahl Nitrogen ND U mg/L

Calibration Blank (BCH0155-CCB3)

Prepared: 08/11/25 Analyzed: 08/14/25

Total Kjeldahl Nitrogen ND U mg/L

Calibration Blank (BCH0155-CCB4)

Prepared: 08/11/25 Analyzed: 08/14/25

Total Kjeldahl Nitrogen ND U mg/L

Calibration Blank (BCH0155-CCB5)

Prepared: 08/11/25 Analyzed: 08/14/25

Total Kjeldahl Nitrogen ND U mg/L

Calibration Check (BCH0155-CCV1)

Prepared: 08/11/25 Analyzed: 08/14/25

Total Kjeldahl Nitrogen 1.02 0.25 mg/L 1.000 102% 85-115%

Calibration Check (BCH0155-CCV2)

Prepared: 08/11/25 Analyzed: 08/14/25

ANALYSIS REPORT

Date Received: 07/29/25

Date Reported: 08/18/25

OnSite Environmental Inc.

14648 NE 95th ST
 Redmond, WA 98052
 Attention: David Baumeister
 Project Name: OSE
 Project #: 21-07668-003

Quality Control

(Continued)

Conventional Chemistry Parameters by APHA/EPA Methods (Continued)

| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---|--------|------|-----------------|-------|--|---------------|------|-------------|-----|-----------|
| Batch: BCH0155 - No Prep - WetChem (Continued) | | | | | | | | | | |
| Calibration Check (BCH0155-CCV2) | | | | | Prepared: 08/11/25 Analyzed: 08/14/25 | | | | | |
| Total Kjeldahl Nitrogen | 1.01 | | 0.25 | mg/L | 1.000 | | 101% | 85-115% | | |
| Calibration Check (BCH0155-CCV3) | | | | | Prepared: 08/11/25 Analyzed: 08/14/25 | | | | | |
| Total Kjeldahl Nitrogen | 1.01 | | 0.25 | mg/L | 1.000 | | 101% | 85-115% | | |
| Calibration Check (BCH0155-CCV4) | | | | | Prepared: 08/11/25 Analyzed: 08/14/25 | | | | | |
| Total Kjeldahl Nitrogen | 0.99 | | 0.25 | mg/L | 1.000 | | 99% | 85-115% | | |
| Calibration Check (BCH0155-CCV5) | | | | | Prepared: 08/11/25 Analyzed: 08/14/25 | | | | | |
| Total Kjeldahl Nitrogen | 1.00 | | 0.25 | mg/L | 1.000 | | 100% | 85-115% | | |
| Duplicate (BCH0155-DUP1) | | | | | Source: A25G0613-10 Prepared: 08/11/25 Analyzed: 08/14/25 | | | | | |
| Total Kjeldahl Nitrogen | 0.35 | | 0.25 | mg/L | | 0.33 | | | 4 | 30 |
| Duplicate (BCH0155-DUP2) | | | | | Source: A25H0012-02 Prepared: 08/11/25 Analyzed: 08/14/25 | | | | | |
| Total Kjeldahl Nitrogen | 2.00 | | 0.25 | mg/L | | 1.97 | | | 1 | 30 |
| Duplicate (BCH0155-DUP3) | | | | | Source: A25H0012-12 Prepared: 08/11/25 Analyzed: 08/14/25 | | | | | |
| Total Kjeldahl Nitrogen | 1.11 | | 0.25 | mg/L | | 1.06 | | | 5 | 30 |
| Duplicate (BCH0155-DUP4) | | | | | Source: A25H0013-08 Prepared: 08/11/25 Analyzed: 08/14/25 | | | | | |
| Total Kjeldahl Nitrogen | 2.83 | | 0.25 | mg/L | | 3.02 | | | 6 | 30 |
| Duplicate (BCH0155-DUP5) | | | | | Source: A25H0013-12 Prepared: 08/11/25 Analyzed: 08/14/25 | | | | | |
| Total Kjeldahl Nitrogen | 18.5 | | 0.25 | mg/L | | 17.9 | | | 3 | 30 |
| Matrix Spike (BCH0155-MS1) | | | | | Source: A25G0613-10 Prepared: 08/11/25 Analyzed: 08/14/25 | | | | | |
| Total Kjeldahl Nitrogen | 2.30 | | 0.25 | mg/L | 2.000 | 0.33 | 98% | 80-120% | | |
| Matrix Spike (BCH0155-MS2) | | | | | Source: A25H0012-02 Prepared: 08/11/25 Analyzed: 08/14/25 | | | | | |
| Total Kjeldahl Nitrogen | 4.01 | | 0.25 | mg/L | 2.000 | 1.97 | 102% | 80-120% | | |
| Matrix Spike (BCH0155-MS3) | | | | | Source: A25H0012-12 Prepared: 08/11/25 Analyzed: 08/14/25 | | | | | |
| Total Kjeldahl Nitrogen | 3.02 | | 0.25 | mg/L | 2.000 | 1.06 | 98% | 80-120% | | |
| Matrix Spike (BCH0155-MS4) | | | | | Source: A25H0013-08 Prepared: 08/11/25 Analyzed: 08/14/25 | | | | | |

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ANALYSIS REPORT

Date Received: 07/29/25

Date Reported: 08/18/25

OnSite Environmental Inc.

14648 NE 95th ST
 Redmond, WA 98052
 Attention: David Baumeister
 Project Name: OSE
 Project #: 21-07668-003

Quality Control

(Continued)

Conventional Chemistry Parameters by APHA/EPA Methods (Continued)

| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch: BCH0155 - No Prep - WetChem (Continued)

Matrix Spike (BCH0155-MS4)

Source: A25H0013-08

Prepared: 08/11/25 Analyzed: 08/14/25

| | | | | | | | | | | |
|-------------------------|------|--|------|------|-------|------|-----|---------|--|--|
| Total Kjeldahl Nitrogen | 4.98 | | 0.25 | mg/L | 2.000 | 3.02 | 98% | 80-120% | | |
|-------------------------|------|--|------|------|-------|------|-----|---------|--|--|

Matrix Spike (BCH0155-MS5)

Source: A25H0013-12

Prepared: 08/11/25 Analyzed: 08/14/25

| | | | | | | | | | | |
|-------------------------|------|--|------|------|-------|------|------|---------|--|--|
| Total Kjeldahl Nitrogen | 28.4 | | 0.25 | mg/L | 10.00 | 17.9 | 105% | 80-120% | | |
|-------------------------|------|--|------|------|-------|------|------|---------|--|--|

Quality Control

(Continued)

Biochemical Oxygen Demand

| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|---------|--------|------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|
|---------|--------|------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|

Batch: BCH0111 - No Prep - WetChem

Calibration Blank (BCH0111-CCB1)

Prepared & Analyzed: 07/31/25

| | | | | | | | | | | |
|--------------------------------|----|---|--|------|--|--|--|--|--|--|
| Biological Oxygen Demand (BOD) | ND | U | | mg/L | | | | | | |
|--------------------------------|----|---|--|------|--|--|--|--|--|--|

Duplicate (BCH0111-DUP1)

Source: A25G0641-01

Prepared & Analyzed: 07/31/25

| | | | | | | | | | | |
|--------------------------------|-----|--|-----|------|--|-----|--|--|----|----|
| Biological Oxygen Demand (BOD) | 2.4 | | 2.0 | mg/L | | 3.2 | | | 29 | 44 |
|--------------------------------|-----|--|-----|------|--|-----|--|--|----|----|

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ANALYSIS REPORT

Date Received: 07/29/25

Date Reported: 08/18/25

OnSite Environmental Inc.

14648 NE 95th ST
Redmond, WA 98052
Attention: David Baumeister
Project Name: OSE
Project #: 21-07668-003

Notes and Definitions

| Item | Definition |
|---------------|--|
| U | The compound was analyzed for but was not detected (Non-detect) at or above the MRL/MDL. |
| Dry | Sample results reported on a dry weight basis. |
| ND | Analyte NOT DETECTED at or above the reporting limit. |
| RPD | Relative Percent Difference |
| %REC | Percent Recovery |
| Source | Sample that was matrix spiked or duplicated. |



14648 NE 95th Street, Redmond, WA 98052 • (425) 883-3881

September 8, 2025

George Iftner
Herrera Environmental Consultants, Inc.
2200 6th Avenue, Suite 1100
Seattle, WA 98121

Re: Analytical Data for Project 21-07668-003
Laboratory Reference No. 2507-368B

Dear George:

Enclosed are the analytical results and associated quality control data for samples submitted on July 29, 2025.

The standard policy of OnSite Environmental, Inc. is to store your samples for 30 days from the date of receipt. If you require longer storage, please contact the laboratory.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning the data, or need additional information, please feel free to call me.

Sincerely,

A handwritten signature in black ink, appearing to read "DB", with a long horizontal flourish extending to the right.

David Baumeister
Project Manager

Enclosures



Date of Report: September 8, 2025
Samples Submitted: July 29, 2025
Laboratory Reference: 2507-368B
Project: 21-07668-003

Case Narrative

Samples were collected on July 29, 2025 and received by the laboratory on July 29, 2025. They were maintained at the laboratory at a temperature of 2°C to 6°C.

Please note that any and all soil sample results are reported on a dry-weight basis, unless otherwise noted below. However the soil results for the QA/QC samples are reported on a wet-weight basis.

General QA/QC issues associated with the analytical data enclosed in this laboratory report will be indicated with a reference to a comment or explanation on the Data Qualifier page. More complex and involved QA/QC issues will be discussed in detail below.



Date of Report: September 8, 2025
 Samples Submitted: July 29, 2025
 Laboratory Reference: 2507-368B
 Project: 21-07668-003

NITRATE + NITRITE (as Nitrogen)
EPA 353.2

Matrix: Water
 Units: mg/L-N

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|-------------------|--------------|-----|-----------|---------------|---------------|-------|
| Client ID: | MW-1S | | | | | |
| Laboratory ID: | 07-368-01 | | | | | |
| Nitrate+Nitrite | 20 | 5.0 | EPA 353.2 | 7-30-25 | 7-30-25 | |

| | | | | | | |
|-------------------|--------------|-------|-----------|---------|---------|--|
| Client ID: | MW-1M | | | | | |
| Laboratory ID: | 07-368-02 | | | | | |
| Nitrate+Nitrite | 2.0 | 0.050 | EPA 353.2 | 7-30-25 | 7-30-25 | |



Date of Report: September 8, 2025
 Samples Submitted: July 29, 2025
 Laboratory Reference: 2507-368B
 Project: 21-07668-003

NITRATE + NITRITE (as Nitrogen)
EPA 353.2
QUALITY CONTROL

Matrix: Water
 Units: mg/L-N

| Analyte | Result | PQL | Method | Date Prepared | Date Analyzed | Flags |
|---------------------|-----------|-------|-----------|---------------|---------------|-------|
| METHOD BLANK | | | | | | |
| Laboratory ID: | MB0730W1 | | | | | |
| Nitrate+Nitrite | ND | 0.050 | EPA 353.2 | 7-30-25 | 7-30-25 | |

| Analyte | Result | Spike Level | Source Result | Percent Recovery | Recovery Limits | RPD | RPD Limit | Flags |
|------------------|-------------|-------------|---------------|------------------|-----------------|-----|-----------|-------|
| DUPLICATE | | | | | | | | |
| Laboratory ID: | 07-368-01 | | | | | | | |
| | ORIG | DUP | | | | | | |
| Nitrate+Nitrite | 19.8 | 18.7 | NA | NA | NA | NA | 6 | 23 |

| | | | | | | | | |
|---------------------|------------|-----|------|-----|--------|----|----|--|
| MATRIX SPIKE | | | | | | | | |
| Laboratory ID: | 07-368-01 | | | | | | | |
| | MS | MS | | MS | | | | |
| Nitrate+Nitrite | 247 | 200 | 19.8 | 114 | 74-130 | NA | NA | |

| | | | | | | | | |
|--------------------|-------------|------|----|-----|--------|----|----|--|
| SPIKE BLANK | | | | | | | | |
| Laboratory ID: | SB0730W1 | | | | | | | |
| | SB | SB | | SB | | | | |
| Nitrate+Nitrite | 2.42 | 2.00 | NA | 121 | 82-128 | NA | NA | |





Data Qualifiers and Abbreviations

- A - Due to a high sample concentration, the amount spiked is insufficient for meaningful MS/MSD recovery data.
 - B - The analyte indicated was also found in the blank sample.
 - C - The duplicate RPD is outside control limits due to high result variability when analyte concentrations are within five times the quantitation limit.
 - E - The value reported exceeds the quantitation range and is an estimate.
 - F - Surrogate recovery data is not available due to the high concentration of coeluting target compounds.
 - H - The analyte indicated is a common laboratory solvent and may have been introduced during sample preparation, and be impacting the sample result.
 - I - Compound recovery is outside of the control limits.
 - J - The value reported was below the practical quantitation limit. The value is an estimate.
 - K - Sample duplicate RPD is outside control limits due to sample inhomogeneity. The sample was re-extracted and re-analyzed with similar results.
 - L - The RPD is outside of the control limits.
 - M - Hydrocarbons in the gasoline range are impacting the diesel range result.
 - M1 - Hydrocarbons in the gasoline range (toluene-naphthalene) are present in the sample.
 - N - Hydrocarbons in the lube oil range are impacting the diesel range result.
 - N1 - Hydrocarbons in diesel range are impacting lube oil range results.
 - O - Hydrocarbons indicative of heavier fuels are present in the sample and are impacting the gasoline result.
 - P - The RPD of the detected concentrations between the two columns is greater than 40.
 - Q - Surrogate recovery is outside of the control limits.
 - S - Surrogate recovery data is not available due to the necessary dilution of the sample.
 - T - The sample chromatogram is not similar to a typical _____.
 - U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
 - U1 - The practical quantitation limit is elevated due to interferences present in the sample.
 - V - Matrix Spike/Matrix Spike Duplicate recoveries are outside control limits due to matrix effects.
 - W - Matrix Spike/Matrix Spike Duplicate RPD are outside control limits due to matrix effects.
 - X - Sample extract treated with a mercury cleanup procedure.
 - X1 - Sample extract treated with a sulfuric acid/silica gel cleanup procedure.
 - X2 - Sample extract treated with a silica gel cleanup procedure.
 - Y - The calibration verification for this analyte exceeded the 20% drift specified in methods 8260 & 8270, and therefore the reported result should be considered an estimate. The overall performance of the calibration verification standard met the acceptance criteria of the method.
 - Y1 - Negative effects of the matrix from this sample on the instrument caused values for this analyte in the bracketing continuing calibration verification standard (CCVs) to be outside of 20% acceptance criteria. Because of this, quantitation limits and sample concentrations should be considered estimates.
 - Z -
- ND - Not Detected at PQL
 PQL - Practical Quantitation Limit
 RPD - Relative Percent Difference





OnSite Environmental Inc.
Analytical Laboratory Testing Services
14648 NE 95th Street • Redmond, WA 98052
Phone: (425) 883-3881 • www.onsite-env.com

Chain of Custody

Company: HERRERA
 Project Number: 21-07668-003
 Project Name: Lakewood Towne Center
 Project Manager: George Iftner
 Sampled by: George Iftner

Turnaround Request (in working days)
 (Check One)
 Same Day 1 Day
 2 Days 3 Days
 Standard (7 Days)
 _____ (other)

Laboratory Number: **07-368**

| Lab ID | Sample Identification | Date Sampled | Time Sampled | Matrix | Number of Containers |
|--------|-----------------------|--------------|--------------|--------|----------------------|
| 1 | MW-1S | 7/29/25 | 10:30 | GW | 10 |
| 2 | MW-1M | | 11:40 | | 10 |
| 3 | MW-1D | | 12:35 | | 3 |
| 4 | MW-2D | | 14:30 | | 3 |
| 5 | MW-DUP | | 16:00 | | 3 |
| 6 | MW-8D | | 10:20 | | 3 |
| 7 | MW-4 | | 13:35 | | 3 |
| 8 | MW-4M | | 11:20 | | 3 |
| 9 | MW-5 | | 15:25 | | 3 |
| 10 | MW-5M | | 14:25 | | 3 |

| Number of Containers | NWTPH-HCID | NWTPH-Gx/BTEX (8021 <input type="checkbox"/> 8260 <input type="checkbox"/>) | NWTPH-Gx | NWTPH-Dx (SG Clean-up <input type="checkbox"/>) | Volatiles 8260 | Halogenated Volatiles 8260 | EDB EPA 8011 (Waters Only) | SemiVolatiles 8270/SIM (with low-level PAHs) | PAHs 8270/SIM (low-level) | PCBs 8082 | Organochlorine Pesticides 8081 | Organophosphorus Pesticides 8270/SIM | Chlorinated Acid Herbicides 8151 | Total DEPA Metals | Total MECA Metals | DISSOLVED Fe/Mn Only | TOC | Sulfate, Nitrate, Nitrite | TKN | BOD | Total phosphorous/Ammonia _{9/16-Methane} | Nitrate+Nitrite | |
|----------------------|------------|--|----------|--|----------------|----------------------------|----------------------------|--|---------------------------|-----------|--------------------------------|--------------------------------------|----------------------------------|------------------------------|------------------------------|----------------------|-----|---------------------------|-----|-----|---|-----------------|---|
| | | | | | | X | | | | | | | | X | X | X | X | X | X | X | X | X | X |
| | | | | | | X | | | | | | | | X | X | X | X | X | X | X | X | X | X |
| | | | | | | X | | | | | | | | | | | | | | | | | |
| | | | | | | X | | | | | | | | | | | | | | | | | |
| | | | | | | X | | | | | | | | | | | | | | | | | |
| | | | | | | X | | | | | | | | | | | | | | | | | |
| | | | | | | X | | | | | | | | | | | | | | | | | |
| | | | | | | X | | | | | | | | | | | | | | | | | |
| | | | | | | X | | | | | | | | | | | | | | | | | |

| | Signature | Company | Date | Time | Comments/Special Instructions |
|---------------|----------------------|----------------|----------------|--------------|---|
| Relinquished | <u>George Iftner</u> | <u>Herrera</u> | <u>7/29/25</u> | <u>17:45</u> | (did not sample MW-7S, MW-9, MW-10) Dissolved Fe/Mn were field filtered. ✓ <u>(X) Added 9/8/25. DJS</u> |
| Received | <u>[Signature]</u> | <u>OSE</u> | <u>7/29/25</u> | <u>17:45</u> | |
| Relinquished | | | | | |
| Received | | | | | |
| Relinquished | | | | | |
| Received | | | | | |
| Reviewed/Date | | Reviewed/Date | | | Data Package: Standard <input type="checkbox"/> Level III <input type="checkbox"/> Level IV <input type="checkbox"/> Chromatograms with final report <input type="checkbox"/> Electronic Data Deliverables (EDDs) <input type="checkbox"/> |

Gene-Trac® Dechlor-Array Certificate of Analysis

Customer: George Iftner

Email: giftner@herrerainc.com

Phone: 206-697-0312

Company: Herrera

Project Name: Lakewood Towne Ctr

Method Reference: SOP-002, 019, 108, 116, 124, 126, 127, 129

Batch Reference: S-11342

Report Date: 20-Aug-25

Certificate Number: CAG-1756

Test Location(s): Knoxville and Guelph

Customer Reference: 21-07668-003


The results included herein only apply to the samples described within and are applicable to the items as received. This certificate is not to be reproduced unless in full.

SOP-116 (DNA Extraction) and SOP-108 (Total Prokaryotes testing) were performed at SiREM Knoxville, the remainder of testing was performed at SiREM Guelph.

Table 1: Gene-Trac® Dechlor-Array Test Results, Test Certificate CAG-1756

| Target* (Test ID) | MW-1S | |
|---|------------|-----------------------------|
| | copies/L | % of community ¹ |
| Reductive Dechlorination | | |
| <i>Dehalococcoides</i> (DHCD) | 5.00E+03 U | NA |
| <i>pceA</i> reductase (DPCE) | 5.00E+03 U | NA |
| <i>tceA</i> reductase (TCEAD) | 5.00E+03 U | NA |
| <i>vcrA</i> reductase (VCRAD) | 5.00E+03 U | NA |
| <i>bvcA</i> reductase (BVCAD) | 5.00E+03 U | NA |
| <i>Dehalobacter</i> (DHBD) | 5.00E+03 U | NA |
| Chloroform reductase (CFRAD) | 5.00E+03 U | NA |
| <i>Dehalogenimonas</i> (DHGD) | 5.19E+04 | 0.0134% |
| <i>Dehalogenimonas</i> VC reductase (CERAD) | 5.00E+03 U | NA |
| <i>trans</i> -DCE reductase (TDRA) | 5.00E+03 U | NA |
| <i>Geobacter pceA</i> (GPCE) | 5.00E+03 U | NA |
| <i>nifD</i> Dhc N ₂ fixation (NIFD) | 5.00E+03 U | NA |
| <i>mbrA</i> reductase (MBRA) | 5.00E+03 U | NA |
| <i>Desulfitobacterium</i> (DSBD) | 5.00E+03 U | NA |
| <i>Desulfuromonas</i> (DSMD) | 5.00E+03 U | NA |
| <i>Geobacterales</i> (GEOD) | 5.00E+03 U | NA |
| <i>Sulfurospirillum</i> (SSPD) | 2.07E+06 | 0.533% |
| <i>Dehalobium</i> (DHBMD) | 5.00E+03 U | NA |
| Tetra/Trichlorobenzene reductase (TCBA) | 5.00E+03 U | NA |
| Chlorobenzene reductase (CBRA) | 5.00E+03 U | NA |
| 1,2-DCA reductase (DCA) | 5.00E+03 U | NA |
| Methylene chloride catabolism cassette (MECE) | 5.00E+03 U | NA |
| 1,1-DCA reductase (DCRA) | 5.00E+03 U | NA |
| Chloropropane reductase (DCPA) | 5.00E+03 U | NA |
| Aerobic Dechlorination | | |
| <i>Polaromonas JS666</i> (POLD) | 5.00E+03 U | NA |
| <i>dhlA</i> haloalkane dehalogenase (DHLAD) | 5.00E+03 U | NA |
| Epoxyalkane:Coenzyme M Transferase (ETNED) | 5.00E+03 U | NA |
| Alkene monooxygenase (ETNCD) | 5.00E+03 U | NA |
| 1,4-dioxane monooxygenase (DXMBD) | 5.00E+03 U | NA |
| Trichlorobenzene dioxygenase (TCBAB) | 5.00E+03 U | NA |
| Microbial Groups | | |
| Sulfate reducing bacteria <i>dsrA</i> (SRBD) ² | 3.80E+05 | 0.0979% |
| Methanogens (MTHD) | 2.44E+06 | 0.628% |
| Total Prokaryotes (PROK) ^{2,3} | 3.88E+08 | 100% |

*See final page for complete notes and target descriptions.

Analyst: 
KJ Elipse-Cruz, B.Sc.
Senior Laboratory Technician I

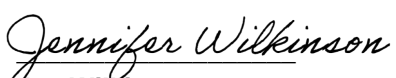
Approved: 
Jen Wilkinson
Senior Genetic Testing Specialist

Table 2: Heat Map of Test Results, Test Certificate CAG-1756

| | MW-1S |
|---|------------|
| Reductive Dechlorination | |
| <i>Dehalococcoides</i> (DHCD) | 5.00E+03 U |
| <i>pceA</i> reductase (DPCE) | 5.00E+03 U |
| <i>tceA</i> reductase (TCEAD) | 5.00E+03 U |
| <i>vcrA</i> reductase (VCRAD) | 5.00E+03 U |
| <i>bvcA</i> reductase (BVCAD) | 5.00E+03 U |
| <i>Dehalobacter</i> (DHBD) | 5.00E+03 U |
| Chloroform reductase (CFRAD) | 5.00E+03 U |
| <i>Dehalogenimonas</i> (DHGD) | 5.19E+04 |
| <i>Dehalogenimonas</i> VC reductase (CERAD) | 5.00E+03 U |
| <i>trans</i> -DCE reductase (TDRA) | 5.00E+03 U |
| <i>Geobacter pceA</i> (GPCE) | 5.00E+03 U |
| <i>nifD</i> Dhc N ₂ fixation (NIFD) | 5.00E+03 U |
| <i>mbrA</i> reductase (MBRA) | 5.00E+03 U |
| <i>Desulfitobacterium</i> (DSBD) | 5.00E+03 U |
| <i>Desulfuromonas</i> (DSMD) | 5.00E+03 U |
| <i>Geobacterales</i> (GEOD) | 5.00E+03 U |
| <i>Sulfurospirillum</i> (SSPD) | 2.07E+06 |
| <i>Dehalobium</i> (DHBMD) | 5.00E+03 U |
| Tetra/Trichlorobenzene reductase (TCBA) | 5.00E+03 U |
| Chlorobenzene reductase (CBRA) | 5.00E+03 U |
| 1,2-DCA reductase (DCA) | 5.00E+03 U |
| Methylene chloride catabolism cassette (MECE) | 5.00E+03 U |
| 1,1-DCA reductase (DCRA) | 5.00E+03 U |
| Chloropropane reductase (DCPA) | 5.00E+03 U |
| Aerobic Dechlorination | |
| <i>Polaromonas JS666</i> (POLD) | 5.00E+03 U |
| <i>dhlA</i> haloalkane dehalogenase (DHLAD) | 5.00E+03 U |
| Epoxyalkane:Coenzyme M Transferase (ETNED) | 5.00E+03 U |
| Alkene monooxygenase (ETNCD) | 5.00E+03 U |
| 1,4-dioxane monooxygenase (DXMBD) | 5.00E+03 U |
| Trichlorobenzene dioxygenase (TCBAB) | 5.00E+03 U |
| Microbial Groups | |
| Sulfate reducing bacteria <i>dsrA</i> (SRBD) ² | 3.80E+05 |
| Methanogens (MTHD) | 2.44E+06 |
| Total Prokaryotes (PROK) ^{2,3} | 3.88E+08 |

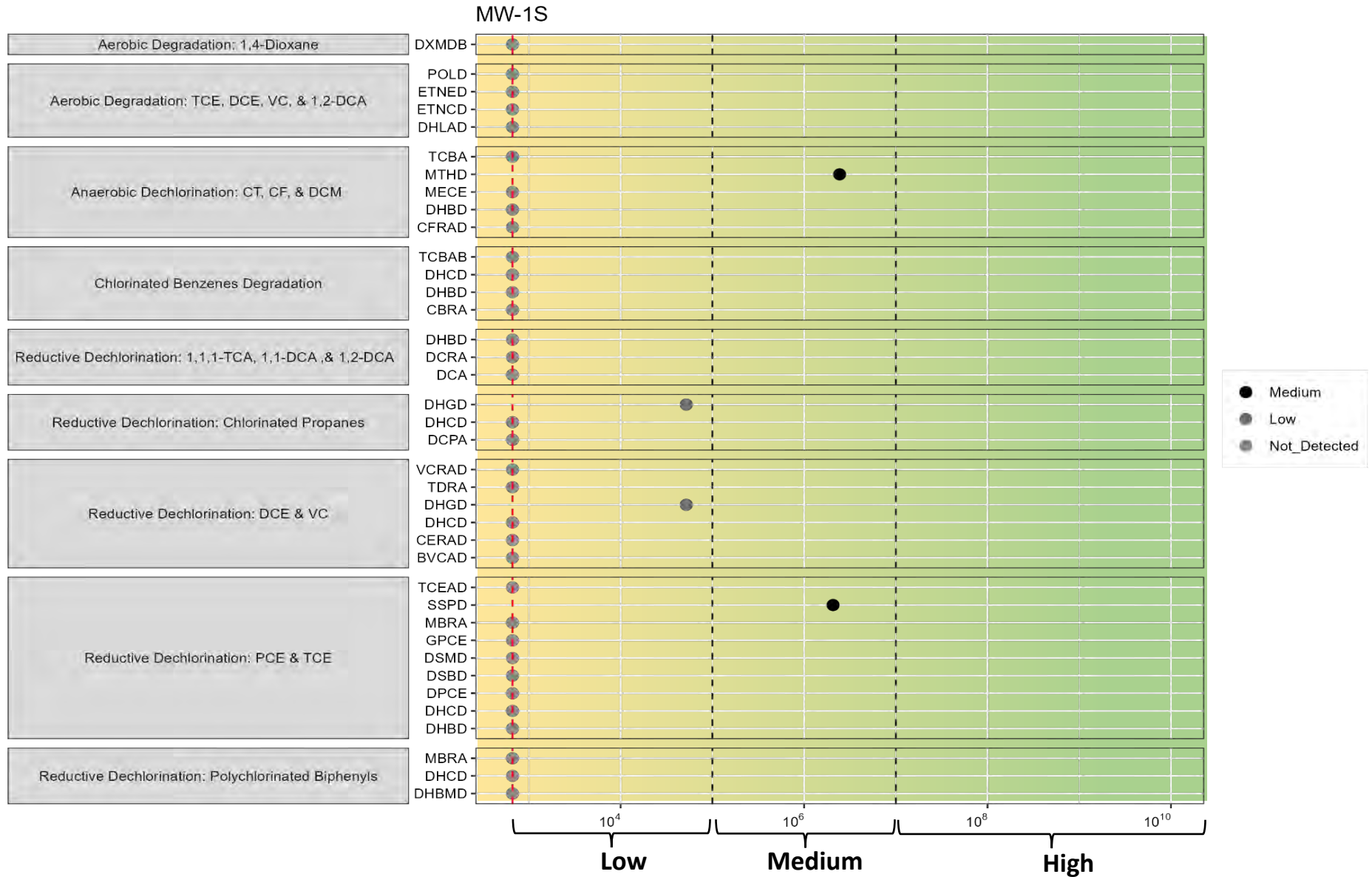


Figure 1.1: Dechlorination Potential By Pathway

Table 3: Detailed Test Parameters, Test Certificate CAG-1756

| | |
|---|-------------|
| Customer Sample ID | MW-1S |
| Date Sampled⁴ | 29-Jul-25 |
| Matrix | Groundwater |
| Date Received⁴ | 30-Jul-25 |
| Sample Temperature | 4.1 °C |
| Filtration Date⁴ | 4-Aug-25 |
| Volume Used for DNA Extraction | 300 mL |
| DNA Extraction Date | 4-Aug-25 |
| DNA Extraction Control⁵ | Passed |
| PCR Amplifiable DNA | Detected |
| Controls | Passed |
| Comments | -- |

See final page for notes.

Table 4: Gene-Trac[®] Dechlor-Array Controls, Test Certificate CAG-1756

| Target (Test ID) | Run Date | Positive Control Copies/Liter | | Negative Control Copies/Liter | | Comments |
|---|-----------|----------------------------------|-------------------------|----------------------------------|-------------------------|------------|
| | | Expected | Recovered | Expected | Recovered | |
| <i>Dehalococcoides</i> (DHCD) | 15-Aug-25 | 1.34E+06 | 5.98E+06 ⁽⁶⁾ | 0 | 3.00E+03 U | See note 6 |
| <i>pceA</i> reductase (DPCE) | 15-Aug-25 | 2.58E+06 | 2.47E+06 | 0 | 3.00E+03 U | Passed |
| <i>tceA</i> reductase (TCEAD) | 15-Aug-25 | 2.58E+06 | 3.47E+06 | 0 | 3.00E+03 U | Passed |
| <i>vcrA</i> reductase (VCRAD) | 15-Aug-25 | 2.51E+06 | 3.40E+06 | 0 | 3.00E+03 U | Passed |
| <i>bvcA</i> reductase (BVCAD) | 15-Aug-25 | 2.49E+06 | 3.42E+06 | 0 | 3.00E+03 U | Passed |
| <i>Dehalobacter</i> (DHBD) | 13-Aug-25 | 2.94E+05 | 2.89E+05 | 0 | 3.00E+03 U | Passed |
| Chloroform reductase (CFRAD) | 13-Aug-25 | 2.93E+05 | 2.91E+05 | 0 | 3.00E+03 U | Passed |
| <i>Dehalogenimonas</i> (DHGD) | 13-Aug-25 | 2.87E+05 | 2.78E+05 | 0 | 3.00E+03 U | Passed |
| <i>Dehalogenimonas</i> VC reductase (CERAD) | 13-Aug-25 | 2.90E+05 | 2.81E+05 | 0 | 3.00E+03 U | Passed |
| <i>trans</i> -DCE reductase (TDRA) | 8-Aug-25 | 2.41E+06 | 2.52E+06 | 0 | 3.00E+03 U | Passed |
| <i>Geobacter pceA</i> (GPCE) | 8-Aug-25 | 2.23E+06 | 2.10E+06 | 0 | 3.00E+03 U | Passed |
| <i>nifD</i> Dhc N ₂ fixation (NIFD) | 8-Aug-25 | 2.44E+06 | 2.56E+06 | 0 | 3.00E+03 U | Passed |
| <i>mbrA</i> reductase (MBRA) | 8-Aug-25 | 2.48E+06 | 2.60E+06 | 0 | 3.00E+03 U | Passed |
| <i>Desulfitobacterium</i> (DSBD) | 8-Aug-25 | 1.55E+05 | 1.72E+05 | 0 | 3.00E+03 U | Passed |
| <i>Desulfuromonas</i> (DSMD) | 8-Aug-25 | 1.56E+05 | 1.73E+05 | 0 | 3.00E+03 U | Passed |
| <i>Geobacterales</i> (GEOD) | 8-Aug-25 | 1.50E+05 | 1.65E+05 | 0 | 3.00E+03 U | Passed |
| <i>Sulfurospirillum</i> (SSPD) | 8-Aug-25 | 1.51E+05 | 1.68E+05 | 0 | 3.00E+03 U | Passed |
| <i>Dehalobium</i> (DHBMD) | 15-Aug-25 | 1.25E+06 | 1.18E+06 | 0 | 3.00E+03 U | Passed |
| Tetra/Trichlorobenzene reductase (TCBA) | 15-Aug-25 | 1.27E+06 | 1.20E+06 | 0 | 3.00E+03 U | Passed |
| Chlorobenzene reductase (CBRA) | 15-Aug-25 | 1.27E+06 | 1.23E+06 | 0 | 3.00E+03 U | Passed |
| 1,2-DCA reductase (DCA) | 8-Aug-25 | 4.57E+06 | 2.62E+06 | 0 | 3.00E+03 U | Passed |
| Methylene chloride catabolism cassette (MECE) | 8-Aug-25 | 2.16E+06 | 2.33E+06 | 0 | 3.00E+03 U | Passed |
| 1,1-DCA reductase (DCRA) | 8-Aug-25 | 4.20E+06 | 2.53E+06 | 0 | 3.00E+03 U | Passed |
| Chloropropane reductase (DCPA) | 8-Aug-25 | 2.77E+06 | 2.39E+06 | 0 | 3.00E+03 U | Passed |
| <i>Polaromonas JS666</i> (POLD) | 13-Aug-25 | 1.57E+05 | 1.71E+05 | 0 | 3.00E+03 U | Passed |
| <i>dhlA</i> haloalkane dehalogenase (DHLAD) | 13-Aug-25 | 1.60E+05 | 1.77E+05 | 0 | 3.00E+03 U | Passed |
| Epoxyalkane:Coenzyme M Transferase (ETNED) | 13-Aug-25 | 1.57E+05 | 1.72E+05 | 0 | 3.00E+03 U | Passed |
| Alkene monooxygenase (ETNCD) | 13-Aug-25 | 1.51E+05 | 1.61E+05 | 0 | 3.00E+03 U | Passed |
| 1,4-dioxane monooxygenase (DXMBD) | 15-Aug-25 | 2.59E+06 | 2.51E+06 | 0 | 3.00E+03 U | Passed |
| Trichlorobenzene dioxygenase (TCBAB) | 15-Aug-25 | 1.27E+06 | 1.20E+06 | 0 | 3.00E+03 U | Passed |
| Sulfate reducing bacteria <i>dsrA</i> (SRBD) ² | 19-Aug-25 | 1.33E+07 | 1.16E+07 | 0 | 6.55E+02 U | Passed |
| Methanogens (MTHD) | 15-Aug-25 | 2.03E+06 | 2.35E+06 | 0 | 3.00E+03 U | Passed |
| Total Prokaryotes (PROK) ² | 4-Aug-25 | 1.21E+07 | 1.06E+07 | 0 | 2.38E+03 ⁽⁷⁾ | Passed |

See final page for notes.

Notes:

| | |
|--|--|
| <i>Dehalococcoides</i> (DHCD) | = <i>Dehalococcoides</i> 16S rRNA |
| <i>pceA</i> reductase (DPCE) | = <i>Dehalococcoides</i> tetrachloroethene reductive dehalogenase |
| <i>tceA</i> reductase (TCEAD) | = <i>Dehalococcoides</i> trichloroethene reductase |
| <i>vcrA</i> reductase (VCRAD) | = <i>Dehalococcoides</i> vinyl chloride reductase A |
| <i>bvcA</i> reductase (BVCAD) | = <i>Dehalococcoides</i> BAV1 vinyl chloride reductase |
| <i>Dehalobacter</i> (DHBD) | = <i>Dehalobacter</i> 16S rRNA |
| Chloroform reductase (CFRAD) | = Chloroform reductase (<i>cfrA</i>) & dichloroethane dehalogenase (<i>dcrA</i>) |
| <i>Dehalogenimonas</i> (DHGD) | = <i>Dehalogenimonas</i> 16S rRNA |
| <i>Dehalogenimonas</i> VC reductase (CERAD) | = <i>Dehalogenimonas</i> vinyl chloride reductase (<i>cerA</i>) |
| <i>trans</i> -DCE reductase (TDRA) | = <i>Dehalogenimonas</i> <i>trans</i> -dichloroethene reductase (<i>tdrA</i>) |
| <i>Geobacter pceA</i> (GPCE) | = <i>Geobacter</i> tetrachloroethene reductive dehalogenase |
| <i>nifD</i> Dhc N ₂ fixation (NIFD) | = Nitrogen fixation gene found in some <i>Dehalococcoides</i> |
| <i>mbrA</i> reductase (MBRA) | = Reductive dehalogenase (<i>mbrA</i>) |
| <i>Desulfitobacterium</i> (DSBD) | = <i>Desulfitobacterium</i> 16S rRNA |
| <i>Desulfuromonas</i> (DSMD) | = <i>Desulfuromonas</i> 16S rRNA |
| <i>Geobacterales</i> (GEOD) | = <i>Geobacterales</i> 16S rRNA |
| <i>Sulfurospirillum</i> (SSPD) | = <i>Sulfurospirillum</i> 16S rRNA |
| <i>Dehalobium</i> (DHBMD) | = <i>Dehalobium</i> 16S rRNA |
| Tetra/Trichlorobenzene reductase (TCBA) | = <i>Dehalobacter</i> tetra/trichlorobenzene reductase (<i>tcbA</i>) |
| Chlorobenzene reductase (CBRA) | = <i>Dehalococcoides</i> chlorobenzene reductase (<i>cbrA</i>) |
| 1,2-DCA reductase (DCA) | = 1,2-DCA reductase (<i>dcaA</i>) |
| Methylene chloride catabolism cassette (MECE) | = Methylene chloride catabolism cassette (<i>mecE</i>) |
| 1,1-DCA reductase (DCRA) | = 1,1-DCA reductase (<i>dcrA</i>) |
| Chloropropane reductase (DCPA) | = Chloropropane reductase (<i>dcpA</i>) |
| <i>Polaromonas</i> JS666 (POLD) | = <i>Polaromonas</i> JS666 isocitrate lyase |
| <i>dhIA</i> haloalkane dehalogenase (DHLAD) | = Haloalkane dehalogenase (<i>dhIA</i>) |
| Epoxyalkane:Coenzyme M Transferase (ETNED) | = Epoxyalkane transferase (<i>etnE</i>) |
| Alkene monooxygenase (ETNCD) | = Alkene monooxygenase Alpha Subunit (<i>etnC</i>) |
| 1,4-dioxane monooxygenase (DXMBD) | = Dioxane monooxygenase (<i>dxmB</i>) |
| Trichlorobenzene dioxygenase (TCBAB) | = Trichlorobenzene dioxygenase (<i>tcbAb</i>) |
| Sulfate reducing bacteria <i>dsrA</i> (SRBD) | = Dissimilatory sulfite reductase A (<i>dsrA</i>) in sulfate reducing bacteria |
| Methanogens (MTHD) | = Methanogens 16S rRNA |
| Total Prokaryotes (PROK) | = Bacteria and Archaea 16S rRNA using universal primers |

J = The associated value is an estimated quantity between the detection limit and quantitation limit.

U = Not detected, associated value is the detection limit.

B = Analyte was detected in the method blank within an order of magnitude of the test sample.

E = Extracted genomic DNA was not detected in the sample.

S = Reaction was saturated, associated value is the calculated minimum result.

mL = milliliter

g = gram

NA = not applicable

ND = not detected

DNA = deoxyribonucleic acid

16S rRNA = 16S ribosomal ribonucleic acid

PCR = polymerase chain reaction

qPCR = quantitative PCR

dPCR = digital PCR

°C = degrees Celsius

> = greater than

¹ Percent target in microbial population. This value is calculated by dividing the number of target gene copies by the total number of prokaryotic gene copies in the sample.

² Target quantified by qPCR.

³ Total prokaryotes testing includes enumeration of most Bacteria and Archaea and is a measure of overall microbial biomass.

⁴ Samples are stabilized by freezing at -80 °C upon sample reception (field filters) or in-lab filtration (groundwater). Hold time not exceeded if sampling date is within 14 days of date received or filtration date.

⁵ DNA is extracted from a standardized bacterial culture sample once per week and Total Prokaryotes qPCR is performed using standard methods. A recovery greater than 25% of the expected value is deemed acceptable.

⁶ Control exceeded recovery limit guidelines (+/- 50 %), however; this is acceptable as associated sample result was ND.

⁷ Deemed acceptable if relevant sample results are greater than one order of magnitude above the blank result(s). Any affected samples are denoted with a B qualifier.

TECHNICAL MEMORANDUM

Date: October 10, 2025
To: Project File
From: Jess Brown, Herrera Environmental Consultants
Subject: Data Quality Assurance Review of Groundwater Treatment and Monitoring for Lakewood Town Center –Samples Collected in April 2024 through April 2025

Data Quality Assurance Review

This memorandum presents a review of data quality for the soil and groundwater samples (Table 1) collected for the Groundwater Treatment and Monitoring for Lakewood Town Center in April 2024 through April 2025.

The laboratory's performance was reviewed in accordance with quality control (QC) criteria established in Sampling and Analysis Plan (SAP) of the Final Work Plan (Herrera 2024), by the laboratory, and in the specified methods.

Soil

OnSite Environmental, Inc., of Redmond, Washington, analyzed the samples for:

- Halogenated Volatile Organic Compounds (HVOCs) by EPA Method 8260D

Groundwater

OnSite Environmental, Inc., of Redmond, Washington, analyzed the samples for:

- Halogenated Volatile Organic Compounds (HVOCs) by EPA Method 8260D
- Total Ammonia and Phosphorus by SM 4500-NH₃
- Total Phosphorus by EPA Method 9060A
- Total Organic Carbon (TOC) by EPA Method 9060A
- Total and Dissolved Iron and Manganese by EPA Method 6010D
- Sulfate by ASTM Method D516-11
- Dissolved Methane, Ethane, Ethene and Acetylene by RSK 175

AmTest Inc., of Kirkland, Washington, analyzed the samples for:

- Biological Oxygen Demand (BOD) by SM 5210B 2011
- Total Nitrogen by summing of Total Nitrate+ Nitrite by EPA Method 353.2 and Total Kjeldahl Nitrogen by EPA Method 351.2

Alliance Technical Group, of Seattle, Washington, analyzed the samples for:

- Ferrous Iron by SM 3500-Fe B

Table 1. Sample Summary.

| Location ID | Dates Collected | Lab SDG | Samples Collected ^a | Field Duplicates Collected | Blanks Collected |
|--|-----------------------|-----------------------|--------------------------------|----------------------------|------------------|
| Soil | | | | | |
| MW-8, MW-9 | 4/25/24, 4/26/2024 | 2404-393 | 4 | NA | NA |
| MW-10, MW-5, MW-4, MW-7 | 4/29/2024, 4/330/2024 | 2404-433 | 8 | 1 | NA |
| Groundwater | | | | | |
| MW-2, MW-1, MW-4 MW-5, MW-7, MW-8, MW-9 | 6/20/2024 | 2406-279 | 12 | 1 | NA |
| MW-1 | 6/20/2024 | 2406-367 | 2 | NA | NA |
| MW1, MW2, MW4, MW-5 and MW-8 | 10/28/2024 | 2410-363 | 9 | NA | NA |
| MW-1 | 10/28/2024 | 2410-549 | 2 | NA | NA |
| MW1, MW2, MW4, MW-5, MW-7, MW-8, MW-9 | 1/29/2025 | 2501-310 2501-350 | 12 | 1 | 1 |
| MW1, MW2, MW4, MW-5, MW-7, MW-8, MW-9, MW-10 | 4/23/2025 | 2504-380 | 12 | 1 | 1 |
| MW1, MW2, MW4, MW-5 and MW-8 | 7/29/2025 | 2507-368 2507-368B | 9 | 1 | 1 |
| MW- 1 | 7/29/2025 | CAG-1756 | 1 | NA | NA |

SDG = sample delivery group

^a Number of samples excluding field duplicates and blanks

Quality control data summaries submitted by the laboratory were reviewed; raw data were not submitted by the laboratory. Data qualifiers (flags) were added to the sample results in the EIM formatted database. Data validation results are summarized below, followed by definitions of data qualifiers.

Custody, Preservation, Holding Times, and Completeness – Acceptable with Qualification

Soil

The samples were properly preserved, and sample custody was maintained from sample collection to receipt at the laboratories.

The laboratory reports were complete and contained results for all samples and tests requested on the chain-of-custody (COC) forms. All samples were analyzed within the extraction and analysis holding times specified in the SAP with exceptions shown in Table 2.

Table 2. Summary Results Qualified due to Holding Time.

| Sample ID | Matrix and Lab SDG | Parameter | Holding Time | Criteria | Qualifier |
|-------------------------|-----------------------|-----------|---------------------------|-------------------|-----------|
| All | Soil 2404-393 | HVOCs | 4 to 6 days to extract | 2 days to extract | J |
| All except MW- 10-15 | Soil 2404-433 | HVOCs | 3 to 7 days to extract | 2 days to extract | J |

HVOCs = halogenated volatile organic compounds; SDG = sample delivery group

Groundwater, Seeps, and Surface Water

The samples were properly preserved, and sample custody was maintained from sample collection to receipt at the laboratories. The laboratory reports were complete and contained results for all samples and tests requested on the COC forms. All samples were analyzed within the extraction and analysis holding times specified in the SAP.

Trip Blanks – Acceptable with Discussion

Soil

No trip blanks were collected for the soil samples.

Groundwater

A trip blank was collected and analyzed for HVOCs for three groundwater sampling events (January 29, 2025; April 23, 2025; and July 29, 2025). All parameters analyzed in trip blank samples were undetected.

Laboratory Reporting Limits and Reported Results – Acceptable with Discussion

All target analytes detected above the method detection limit (MDL) but below the reporting limit (RL) were flagged as estimated (J flag). These results are considered estimated concentrations.

Soil

The laboratory reporting limits established in the SAP were frequently exceeded for HVOC analysis for the samples. No data were qualified due to elevated reporting limits, but the elevated reporting limits should be considered when comparing the affected undetected data to criteria. Elevated reporting limits for undetected samples are reported in Table 3.

Groundwater

The laboratory reporting limits established in the SAP were frequently exceeded for HVOCs, ammonia, and BOD samples. No data were qualified due to elevated reporting limits, but the elevated reporting limits should be considered when comparing the affected undetected data to criteria. Elevated reporting limits for undetected samples are reported in Table 3.

Table 3. Summary of Elevated Reporting Limits for Undetected Samples.

| Sample | Matrix and Lab SDG | Parameter | RL | Criteria |
|----------------|--|-----------|--|-------------|
| All | Soil 2404-393 2404-433 | HVOCs | 1.1-25 ug/kg 0.68-250 ug/kg | 1-5 ug/kg |
| MW-1S | Groundwater 2406-279 | Ammonia | 0.053 mg/L | 0.010 mg/L |
| MW-1M | Groundwater 2410-363 2507-368 | Ammonia | 0.053 mg/L | 0.010 mg/L |
| All | Groundwater 2406-279 2410-363, 2501-310, 2501-350, 2504-380 2504-368 | HVOCs | Check EDDs to confirm range 0.2-1.8 ug/L 0.2-1 ug/L 0.2-1 ug/L 0.2-1 ug/L 0.2-1 ug/L 0.2-5.5 ug/L | 0.02-5 ug/L |
| MW-1M | Groundwater 2410-363 2504-368 | BOD | 2 mg/L | 1 mg/L |
| MW-1M and MS1S | Groundwater 2406-279 | BOD | 2 mg/L | 1 mg/L |

BOD = biological oxygen demand; HVOCs = halogenated volatile organic compounds; RL= reporting limit, SDG = sample delivery group
mg/L = milligrams per liter, ug/kg = micrograms per kilogram; ug/L = micrograms per liter

Method Blank Analysis – Acceptable

Soil

Method blanks were analyzed at the required frequency. Method blanks did not contain levels of target analytes above the laboratory reporting limits.

Groundwater

Method blanks were analyzed at the required frequency. Method blanks did not contain levels of target analytes above the laboratory reporting limits.

Laboratory Control Sample Analysis – Acceptable with Qualification

Soil

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) percent recovery values for all parameters met the criteria established in the SAP and laboratory, with exceptions noted below.

- The LCS analyzed for bromomethane samples (SDG 2404-393) exceeded the lower laboratory criterion (36 versus 48 percent criterion). No data were qualified because 1) all other LCS/LCSD samples met established control limits for the laboratory and SAP, and 2) the sample met SAP criterion (52 to 132 percent).
- The LCS analyzed for chloroethane samples (SDG 2404-433) exceeded the upper SAP criterion (136 versus 131 percent criterion). No data were qualified because 1) all other LCS/LCSD samples met established control limits for the laboratory, and 2) SAP the sample met laboratory criterion (54 to 148 percent).

Groundwater

LCS analysis was conducted for all parameters except BOD and metals. The LCS and laboratory control sample duplicate (LCSD) percent recovery values for all parameters met the criteria established in the SAP and laboratory, with the exceptions noted in Table 4 and below:

- The LCS/LCSD for 2,2-dichloropropane (SDG 2410-363) exceeded the upper criterion (163 and 164 percent versus 132 percent SAP criterion). No data were qualified because the exceedance indicated a high bias and 2,2-dichloropropane was not detected in the samples.
- The LCSD for chloromethane (SDG 2501-310 and 2501-350) exceeded the upper criterion (144 percent versus 132 percent SAP criterion). No data were qualified because the exceedance indicated a high bias and chloromethane was not detected in the samples.

- The LCS for methylene chloride (SDG 2501-310 and 2501-350) exceeded the upper criterion (135 percent versus 132 percent SAP criterion). No data were qualified because the exceedance indicated a high bias and methylene chloride was not detected in the samples.
- The LCS sample for (trans) 1,3-dichloropropene (SDG 2501-310 and 2501-350) was flagged by the laboratory for slightly exceeding the upper laboratory criterion (130 percent versus 128 percent laboratory criterion). No data were qualified because the SAP criterion was met (52 to 132 percent) and the exceedance indicated a high bias and (trans) 1,3-dichloropropene was not detected in the samples.
- The LCS sample for dibromochloromethane (SDG 2501-310) was flagged by the laboratory for exceeding the lower laboratory criterion (60 percent versus 81 percent laboratory criterion). No data were qualified because the SAP criterion was met (52 to 132 percent) and the other three LCS samples were in control.
- The LCS/LCSD for chloromethane (SDG 2507-368) exceeded the upper criterion (184 and 177 percent versus 132 percent SAP criterion). No data were qualified because the exceedance indicated a high bias and chloromethane was not detected in the samples.

The LCS/LCSD sample for trichlorofluoromethane (SDG 2507-368) was flagged by the laboratory for exceeding the lower laboratory criterion (77 and 74 percent versus 81 percent laboratory criterion). No data were qualified because the SAP criterion was met (52 to 132 percent).

Table 4. Summary of Results Qualified due to Laboratory Control Sample Exceedance.

| Sample | Matrix and Lab SDG | Parameter | Percent Recovery | Criteria | Qualifier |
|--------|-----------------------------|-----------------------------|--------------------------|------------|-----------|
| All | Groundwater SDG 2507-368 | Bromomethane Iodomethane | 27 and 24% 18 and 14% | 52 to 132% | J |

Matrix Spike Analysis – Acceptable

Soil

Matrix spike (MS) samples were specified in the SAP for HVOCs but not analyzed for soil; however, accuracy and potential matrix interference for these parameters were adequately evaluated through surrogate standards and no data were qualified.

Groundwater

Matrix spike (MS) samples were analyzed with project samples for metals, ammonia, phosphorus, total organic carbon, nitrogen, and sulfate at the required frequency. MS samples were specified in the SAP for HVOCs and dissolved gases but not analyzed; however, accuracy and potential matrix interference for these parameters were adequately evaluated through surrogate standards and no data were qualified. The MS and MSD percent recovery values met the criterion established in the SAP and laboratory with one exception:

- The MS analyzed for ferrous iron for samples MW-1S and MW-1M (SDG 2410-549) exceeded the lower limit (80 and 71 versus 85 percent SAP criterion). However, the data were not qualified because the analysis was conducted on a batch sample, and the laboratory lower limit of 70 percent was not exceeded.

Surrogate Standard Analysis – Acceptable

Soil

Surrogate standards were analyzed with project samples where required. The percent recovery values for all parameters met laboratory control criteria.

Groundwater

Surrogate standards were analyzed with project samples where required. The percent recovery values for all parameters met laboratory control criteria.

Laboratory Duplicate Analysis – Acceptable with Discussion

For laboratory duplicate analysis, the relative percent difference (RPD) was calculated for each analyte where both duplicate values were greater than five times the reporting limit (RL). The difference between duplicate values was calculated if the detected compound concentration was less than five times the RL in either the sample or the duplicate. MS/MSD or LCS/LCSD results were frequently used as laboratory duplicates.

Soil

Laboratory duplicates were analyzed at the required frequency specified in the SAP. The RPD values or difference values met the control limits established by the laboratory or specified method, with exceptions noted below:

- The laboratory LCS/LCSD difference for iodomethane (SDG 2404-393) was flagged by the laboratory for exceeding the lower limit of the laboratory RPD control criterion (32 versus 37 percent criterion). However, the results were within five times the reporting limit and the difference only slightly exceeded control criterion (0.0202 versus criterion of 0.02 mg/kg). The data was not qualified because the exceedance was very slight.

Groundwater

Laboratory duplicates were analyzed at the required frequency specified in the SAP. The RPD values or difference values met the control limits established by the laboratory or specified method, with one exception noted below:

- The LCS/LCSD RPD for dibromochloromethane (SDG 2501-310) exceeded the upper criterion (36 percent versus 31 percent). The data was not qualified because the other LCS/LCSD RPD was in control (6 percent).

Field Duplicate Analysis – Acceptable

For duplicate project samples, the relative percent difference (RPD) was calculated for each analyte where both duplicate values were greater than five times the reporting limit (RL). The difference between duplicate values was calculated if the detected compound concentration was less than five times the RL in either the sample or the duplicate.

Field duplicates for soil and groundwater samples were collected and analyzed for HVOCs and met the control limits established in the QAPP.

Internal Standards and Instrument Calibration

Soil

The laboratory reported that the internal standards for HVOCs for sample MW-9-15 (SDG 2404-393) did not meet acceptance criteria for the initial and subsequent re-analysis. The affected data were qualified as estimated (J flag).

Groundwater

Instrument calibration results, including initial calibration verification (ICV) and continuing calibration verification (CCV), were reported by the laboratories, were in control.

Definition of Data Qualifiers

The following are data qualifier definitions (Table 5) applied for this project.

| Data Qualifier | Definition |
|-----------------------|---|
| J | Value is an estimate based on analytical results |
| U | Value is below the reporting limit |
| UJ | Value is below the reporting limit and is an estimate based on analytical results |

References

Herrera. 2024. Final Work Plan. Groundwater Treatment and Monitoring, Lakewood Towne Center, Lakewood, Washington. Prepared for Kite Realty Group, Indianapolis, Indiana Herrera Environmental Consultants, Inc., Seattle, Washington. September 24.

Appendix D

Quote for Anaerobic Groundwater Treatment

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Tersus Environmental LLC
 1116 Colonial Club Rd
 Wake Forest, NC 27587
 9194535577
 Accounting@tersusenv.com
 www.tersusenv.com



Quote

ADDRESS

GEORGE IFTNER
 Associate Scientist, LG, CPESC
 Herrera Environmental
 Consultants, Inc.
 2200 6th Ave Ste 1100
 Seattle, WA 98121-1867 USA
 direct 206.787.8210
 cell 206.697.0312
 giftner@herrerainc.com

SHIP TO

Lakewood Towne Center
 5731 Main Street SW.
 Lakewood, WA 98499

QUOTE # Q21-3649 250925

DATE 09/25/2025

EXPIRATION DATE 10/27/2025

SHIP VIA

Common Carrier

QUOTE NO.

Q21-3649 250925

| QTY | U/M | PRODUCT/DESCRIPTION | RATE (\$) | AMOUNT (\$) |
|-----|------|---|-----------|-------------|
| 1 | Drum | EDS-ER™ (01a-D420) EDS-ER™ Electron Donor Solution – Extended Release Water-mixable oil; 100% EVO Packaged in 55-Gallon Drums, Fill Wt. 420 lbs. Released in 2011, EDS-ER™ was the first water-mixable vegetable oil based organic substrate to provide a lasting source of carbon and hydrogen for enhanced reductive dechlorination and other bioremediation processes. EDS-ER™ is shipped as a 100% fermentable substrate concentrate to create the right conditions for anaerobic remediation. EDS-ER™ contains refined, bleached, and deodorized soybean oil and surfactants. When mixed with water, EDS-ER™ spontaneously becomes an emulsified vegetable oil (EVO), see product demonstration video at: https://www.tersusenv.com/videos . | 1,050.00 | 1,050.00 |
| 2 | Pail | Nutrimens® Liquid (05a-P) Nutrimens® is an all-natural fermentation product. Nutrimens® liquid is produced during the anaerobic fermentation of an unmodified strain of botanical classification Saccharomyces cerevisiae, including products of fermentation, residual yeast cells and yeast fragments, and the media utilized during fermentation. Packaged in 5-Gallon Pails | 295.00 | 590.00 |
| 1 | | Shipping & Handling EDS-ER & Nutrimens shipping (LTL) | 405.00 | 405.00 |
| 5 | each | Misc. Chemicals EDS-ME™ (34e-D365) An EtOH/MeOH alcohol blend consisting of ethanol, methanol, and n-propyl alcohol Packaged in 5-Gallon Pails | 217.50 | 1,087.50 |

We look forward to supporting you on this project.

Should you have any questions or need additional information, please contact us at info@tersusenv.com or 919.453.5577.

| QTY | U/M | PRODUCT/DESCRIPTION | RATE (\$) | AMOUNT (\$) |
|-----|-----------------|--|-----------|-------------|
| 1 | | Shipping & Handling EDS-ME shipping (LTL: Hazardous Material) | 371.25 | 371.25 |
| 3 | S- KOH- B | Potassium Hydroxide Potassium Hydroxide Packaged in 2-lb. bags | 16.12 | 48.36 |
| 1 | | Shipping & Handling KOH shipping | 22.50 | 22.50 |
| 15 | Liter | KB-1® PLUS Culture (Si-KB1P-L) KB-1® PLUS Culture | 345.00 | 5,175.00 |
| 1 | | Shipping & Handling KB-1 PLUS shipping | 1,437.50 | 1,437.50 |
| 5 | Pouch | KB-1® Primer (Si-P-B) KB-1® Primer is used to rapidly prepare anaerobic injection water for bioremediation applications including dispersion of electron donors and protection of anaerobic bioaugmentation cultures during injection into aquifers. (800 gram Pouch, Treats 250 gal. of Water) | 115.00 | 575.00 |
| 1 | | Shipping & Handling KB-1 Primer shipping | 201.25 | 201.25 |
| 3 | each | Sirem Laboratory Analyses KB-1 Trac®: Bioaugmentation monitoring Digital Array test | 500.25 | 1,500.75 |
| 3 | each | Sirem Laboratory Analyses CSIA Chlorinated Solvents 13C: 13C Compound Specific Isotope Analysis for PCE, TCE, DCE, VC | 718.75 | 2,156.25 |
| 12 | hour | Design / Project Support Client Reporting hours SHIPPING: Freight estimates are good for 30 days pending carrier availability, and billed freight costs are based on carrier rate at the time of delivery. Liftgate, pallet jack, delivery appointments, and call before delivery are not included in freight estimate provided. These services may be available upon request at an additional fee. | 225.00 | 2,700.00 |

Upon receipt of a shipment, Tersus kindly asks that you adhere to the outlined procedures available at <https://www.tersusenv.com/delivery>.

SALES TAX:

For states that we currently do Not withhold sales tax in, please note: The requirement for Tersus to collect state and local sales tax may change between the date of our quotation and shipment as a result of the United States Supreme Court 2018 ruling on South Dakota v. Wayfair, Inc., Et al., No. 17-494.

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2. A copy of our Terms and Conditions of Sale is available at www.tersusenv.com/images/legal/terms.pdf and is incorporated as a part of this Quotation.
3. All price quotes are based on Net 30 Day payment terms upon credit approval, the acceptance of the Terms and Conditions of Sale, current rate schedules from our suppliers, and valid until the expiration date shown in this Quotation.
4. Freight charges are estimates; actual charges are calculated at the time

| | |
|-----------------|----------------------|
| SUBTOTAL | 17,320.36 |
| TAX | 0.00 |
| TOTAL | USD 17,320.36 |

We look forward to supporting you on this project.

Should you have any questions or need additional information, please contact us at info@tersusenv.com or 919.453.5577.

of invoice.

5. The cost for the recycling/disposal of empty containers is not included in this estimate and will be the responsibility of the Buyer.

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Accepted By

Accepted Date