



Periodic Review Report

**Reporting Period April 17, 2024 to
April 17, 2025**

Oregon Road Site
BCP Site No. C905045
Olean, New York

May 2025
Revised September 2025

Prepared for:
Homer Street Properties, LLC

Prepared by:
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1. Introduction

Roux Environmental Engineering & Geology, D.P.C. (Roux)¹ has prepared this Periodic Review Report (PRR) on behalf of Homer Street Properties, LLC (HSP) (Owner) to summarize the post-remedial status of New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) Site No. C905045 located in Olean, Cattaraugus County, New York (Site; see Figure 1).

This PRR has been prepared for the Site in accordance with NYSDEC DER-10/Technical Guidance for Site Investigation and Remediation (Ref. 1). Appendix A includes the NYSDEC's Institutional and Engineering Controls (IC/EC) Certification Form completed for the Site.

This PRR has been completed for the post-remedial activities at the Site for the period April 17, 2024 to April 17, 2025. The annual Site inspection was completed by Roux on April 16, 2025.

1.1 Site Background

The Oregon Road Site was originally developed in the 1890s to early 1900s for the oil industry and used as a petroleum storage tank farm. The Site appears to be the ExxonMobil Legacy Site (EMLS) Works #3 area, identified as Socony Vacuum and Felmont Oil. Based on historical records, tanks appear to have been removed in the 1960s. Since that time, the Site has been vacant, undeveloped land. However, numerous underground pipes remained on-Site, the majority of which were removed during remedial activities. Additionally, an abandoned pipeline originally owned by Buckeye Oil Company traversed the eastern portion of the Site which was removed during remedial activities.

Homer Street Properties, LLC (HSP) entered into a Brownfield Cleanup Agreement (BCA) (BCP Site No. C905045) with the NYSDEC on December 1, 2016 (Index No. C905045-10-16) to investigate and remediate the original approximate 24.65-acre Oregon Road parcel (SBL No. 94.001-2-13.2) located in Olean, Cattaraugus County, New York. In October 2018, HSP submitted a BCP application amendment to add the south adjacent 3.65-acre Homer Street Extension (SBL No. 94.001-2-13.8) to the BCP Site and remove an approximate 3.73-acre portion of the Oregon Road parcel on the western side of the BCP site due to steep topography and heavily wooded land, which renders this portion of the parcel undevelopable. The BCP amendment was accepted by the Department on April 12, 2019. Therefore, the "BCP Site" or "Site" referenced through this report refers to the approximate 24.57-acre area shown on Figure 1 and 2.

A Purchase and Sale Agreement between Homer Street Properties, LLC and State and Union, LLC was signed July 6, 2023 for the 3.65-acre portion of BPC Site referred to as the Homer Street Extension (Tax Map/Parcel No. 94.001-2-13.8). A Warranty Deed from HSP to State and Union, LLC dated February 15, 2024 was recorded in the Cattaraugus County Clerk's Office on February

¹ Formerly Benchmark Civil/Environmental Engineering & Geology, PLLC (Benchmark) and TurnKey Environmental Restoration, LLC (TurnKey).

20, 2024 by Instrument Number 202402387. The Advance Notification of Site Change of Use, Transfer of Certification of Completion, and/or Ownership (Notice) was recorded in the Cattaraugus County Clerk's Office on February 20, 2024 by Instrument Number 202402388. The Notice, Warranty Deed, and contact information for the new Certificate of Completion (COC) holder were submitted to NYSDEC on February 22, 2024 and acknowledged by NYSDEC on February 29, 2024. HSP will perform the groundwater monitoring for both properties through February 15, 2029. State and Union, LLC will be responsible for groundwater monitoring thereafter. A single PRR will be submitted for the BCP Site.

1.2 Purpose/Scope

The Site Management Plan (SMP) requires, among other things, periodic inspection, and certification that the IC/ECs implemented at the Site remain in place and are functioning as designed. This PRR serves that purpose as well as documenting post-remedial actions taken since the COC was issued on December 17, 2021.

2. Site Overview

The Site is in the County of Cattaraugus, City/Town of Olean, New York and contains the following parcels located at the northwest corner of Oregon Road and Homer Street (Refer to Figures 1, 2, 3 and 4):

- Oregon Road: (a portion of) SBL No. 94.001-2-13.2; 20.92 acres
- Homer Street Extension: SBL No. 94.001-2-13.8; 3.65 acres

The approximately 24.57-acre Oregon Road Site is bounded by vacant wooded land to the north/northwest; a commercial/industrial property to the southwest; Homer Street and several commercial/industrial properties to the south/southeast; and Oregon Road and three residential properties to the east/northeast. The Site is currently vacant land with a paved asphalt access road.

Remedial activities were performed in accordance with the NYSDEC-approved Remedial Action Work Plan (Ref. 2) between November 2020 and August 2021. The Site was remediated to NYSDEC Part 375 Track 4 Commercial soil cleanup objectives (CSCOs) and site-specific action limits (SSALs) for use in a commercial redevelopment capacity. The SMP (Ref. 3) and Final Engineering Report (FER; Ref. 4) were approved by the Department on December 14, 2021 and December 17, 2021. The COC was recorded on January 11, 2022. Figure 3 is an aerial view of the Site following remediation. Remedial activities are described in the following sections.

2.1 Remedial Action Activities

2.1.1 Grossly Contaminated Soil (GCS) Excavation Activities

Between November 9, 2020 and March 12, 2021, approximately 33,768 tons of non-hazardous soil/fill were excavated, transported by multiple 6NYCRR Part 364-registered hauling companies, and disposed at Waste Management's (WM) Chaffee Landfill located in Chaffee, New York. During excavation and disposal activities, WM indicated that material was "operationally challenging" and required the material be amended. As such, Portland cement was added and mixed with impacted soil/fill to stabilize the material, and it was deemed acceptable by the WM Chaffee Landfill. A total of 340 tons of cement was mixed into the impacted soil/fill for stabilization purposes.

Twenty-three post-excavation end-point sidewall samples and 32 post-excavation end-point bottom samples were collected from areal and vertical excavation extents. All post-excavation end-point sample results were below the SSALs.

During excavation activities and after the excavation area was determined to achieve Remedial Action Objectives (RAOs) with no exceedances of SSALs (field screening and confirmatory post-excavation sampling), the excavation was backfilled with Department-approved on-site overburden to redevelopment subgrade then filled and graded with a minimum 12-inch cover

system consisting of Department-approved fill materials and/or topsoil in accordance with DER-10.

2.1.2 SVOC-Impacted Non-hazardous Soil/Fill

Between November 6 and 9, 2020 approximately 816 tons of non-hazardous soil/fill impacted by semi-volatile organic compounds (SVOCs) were excavated, transported by multiple 6NYCRR Part 364 registered hauling companies, and disposed at the WM Chaffee Landfill located in Chaffee, New York.

Eight post-excavation end-point sidewall samples and three post-excavation end-point bottom samples were collected from areal and vertical excavation extents. All post-excavation end-point sample results were below the SSALs.

During excavation activities and after the excavation area was determined to achieve RAOs with no exceedances of SSALs (field screening and confirmatory post-excavation sampling), the excavation was backfilled with Department-approved on-site overburden to redevelopment subgrade then filled and graded with a minimum 12-inch cover system consisting of Department-approved fill materials and/or topsoil in accordance with DER-10.

2.1.3 PFAS-Impacted Soil/Fill Stabilization

During the RI, four distinct treatment zones (TZ), identified as TP-52, and TP-54 TZ-1 through TP-54 TZ-3, were delineated requiring in-situ stabilization using Powder Activated Carbon (PAC) due to impacts from PFAS (perfluoroalkyl and polyfluoroalkyl substances). As a result of a supplemental investigation completed during the remedial construction work, TP-54 TZ-3 was split in half (TP-54 TZ-3A and TP-54 TZ-3B). As such, five distinct areas were treated and stabilized in November 2020 as follows:

- TP-52: 0-2 in.; 9,200 ft²; 56 cubic yards (CY); 1,700 pounds PAC
- TP-54 TZ-1: 0-2 ft; 4,400 ft²; 326 CY; 10,200 pounds PAC
- TP-54 TZ-2: 0-3 ft; 3,150 ft²; 349 CY; 10,200 pounds PAC
- TP-54 TZ-3A: 0-11 ft; 1,691 ft²; 689 CY; 13,600 pounds PAC
- TP-54 TZ-3B: 0-5 ft; 1,691 ft²; 313 CY; 5,100 pounds PAC

Five post-treatment end-point composite samples were collected, one composite per treatment zone. All post-excavation end-point sample results were below the SSALs.

2.1.4 Additional Materials Removal – Subsurface Piping

Known and anticipated subsurface piping was removed and cleaned during remedial activities and in accordance with the Department-approved RAWP. Approximately 4,188 linear feet (LF) of scrap metal was transported by Benson Construction & Development, LLC for recycling at Ben

Weitsman of Allegheny located in Allegheny, New York. Two areas within the southeastern portion of the Site were impacted by residual petroleum product remaining in the pipes. Soil/fill in contact with the petroleum product was segregated, excavated, and included in the GCS material tonnage previously summarized in Section 2.1.1.

2.1.5 PlumeStop Liquid Activated Carbon Application

Injection and application of PlumeStop® liquid activated carbon was completed between August 12 and 18, 2021. Prior to injection activities, a downgradient monitoring well was installed south of Two-Mile Creek for future monitoring to determine the success of the remedial injection activities. The monitoring well, identified as MW-16, was installed on July 19, 2021. All wells on-site were gauged prior to injection activities to monitor groundwater levels. During injection activities, a total of 50 injection points were completed by Regenesi Remediation Services (RRS) along an approximate 100 LF section with a target injection zone between 12 and 18 feet below ground surface (fbgs), depending on grade elevations. All injection activities were completed in accordance with the Department-approved RAWP. Nearby wells, MW-12 (upgradient) and MW-16 (downgradient), along with a temporary piezometer, were continuously monitored during injection activities to determine areal application of PlumeStop. Approximately 5,600 pounds of PlumeStop was applied during the remedial injection activities. All permits, approvals, RRS reports, and daily summaries are provided in the FER.

2.1.6 Groundwater Monitoring

As a requirement of the Department-approved RAWP, two wells (MW-2R and MW-9) proximate the residences east of the Site were sampled before, during, and after remedial excavation activities. A total of six groundwater samples (excluding QA/QC samples) were collected. During remedial excavation activities, several SVOCs were identified above their respective NYSDEC Class GA groundwater quality standards/guidance values (GWQS/GV) at well MW-9. However, all compounds were identified as either non-detect or well below their respective GWQS/GVs after the remedial excavation was completed.

In addition to groundwater sampling, all on-site wells were gauged monthly to monitor groundwater levels during remedial activities. Samples were collected in accordance with DER-10 and the NYSDEC-approved RAWP.

3. Site Management Plan

The NYSDEC-approved SMP includes an IC/EC Plan, a Monitoring and Sampling Plan, an Excavation Work Plan (EWP), and a copy of the Environmental Easement. The Site remedy does not rely on any mechanical systems (e.g., sub-slab depressurization systems, groundwater pump and treat, or soil vapor extraction systems) to protect public health and the environment; therefore, an Operation and Maintenance (O&M) Plan is not required for the Site. A brief description of the components of the SMP is presented below.

3.1 IC/EC Plan

As detailed in the Environmental Easement, several IC/ECs need to be maintained as a requirement of the BCA.

3.1.1 Institutional Controls

- Groundwater-Use Restriction: The use of groundwater for potable and non-potable purposes is prohibited.
- Land-Use Restriction: The controlled property may be used for commercial and/or industrial use.
- Implementation of the SMP: The EWP must be followed.

3.1.2 Engineering Controls

- In-Situ Groundwater Treatment Wall: Treatment monitored via groundwater monitoring schedule.
- Groundwater Monitoring: Groundwater is monitored semi-annually.
- Cover System: The cover system is to be inspected annually.

3.1.3 Site Inspection & IC/EC Compliance

On April 16, 2025, Ms. Lori Riker, Roux's Certifying Professional Engineer, performed a Site visit and assessment. During this visit, the Site covered by this PRR was found to be compliant with the IC/EC requirements. Appendix A includes the completed and P.E.-certified IC/EC Form for the Site.

3.2 Monitoring and Sampling Plan

The Monitoring and Sampling Plan specifies the methods used for:

- Sampling and analysis of groundwater
- Site-wide inspection
- Evaluating Site information periodically to confirm that the remedy continues to be effective in protecting public health and the environment.

3.2.1 Groundwater Sampling and Analysis

Groundwater sampling was conducted July 18, 2024 and January 9, 2025 at wells MW-2R, MW-5, MW-7, MW-8, MW-9, MW-12, MW-13, MW-15, and MW-16. The second semi-annual sampling event in December 2024 was inadvertently missed due to personnel scheduling issues and conducted instead on January 9, 2025. Samples collected in July 2024 and January 2025 were analyzed for target compound list (TCL) plus Commissioner Policy 51 (CP-51) volatile organic compounds (VOCs) and tentatively identified compounds (TICs) using USEPA Method 8260 and TCL plus CP-51 SVOCs and TICs via USEPA Method 8270. Wells MW-12 and MW-16 were analyzed for PFAS via USEPA Method 1633.

The depth to water in most wells measured during the July 2024 sampling event varies less than one foot as compared to the June 2023 levels except for well MW-12, which is 1.88 feet lower in July 2024. In January 2025, the depth to water in well MW-10 was over two feet higher than historical measurements and the depth to water in well MW-13 was over two feet lower than the July 2024 depth; however, the groundwater elevation at well MW-13 has historically fluctuated. The depth of well MW-11 was not recorded in January 2025 due to heavy snow cover. Groundwater continues to flow in the southeast direction.

Appendix C includes field notes and analytical data packages for these sampling events. Table 1 summarizes the analytical results as well as historic groundwater quality data. Table 2 summarizes current and historic groundwater elevations. According to the Data Usability Summary Report (DUSR), included as Appendix C, results for the samples are usable either as reported or with minor qualification except for benzo(g,h,i)perylene at well MW-8 and naphthalene at wells MW-2R, MW-5, MW-7, and MW-9 measured during the January 2025 sampling event. These results were updated to non-detect by the data validator. The data was uploaded to NYSDEC's EQuIS database on May 8, 2025.

3.2.1.1 Groundwater Elevations

Figures 5 and 6 are isopotential maps for groundwater elevation data collected during the July 2024 and January 2025 sampling events. Overall groundwater flow direction is toward the southeast, consistent with historic groundwater contour maps. This indicates that wells MW-2R, MW-4, MW-6, MW-7, MW-8, MW-9, and MW-13 are upgradient and wells MW-5, MW-10, MW-11, MW-12, MW-13, MW-15, and MW-16 are downgradient.

3.2.1.2 Analytical Data

VOCs

The July 2024 and January 2025 groundwater concentrations indicate all VOCs were either not detected or detected at concentrations below the GWQS/GVs except for acetone detected at 130 ug/L (GWQS/GV = 50 ug/L) at well MW-15 in July 2024. The acetone concentration in well MW-15 dropped below its GWQS/GV during the January 2025 sampling event. VOC TIC concentrations were detected at wells MW-2R, MW-5, MW-13, and MW-15 during the July 2024 sampling event but only in wells MW-2R and MW-8 during the January 2025 sampling event. The maximum TIC concentrations were detected in well MW-2R in July 2024 (31.5 ug/L) and January 2025 (18.5 ug/L).

All other VOC TIC concentrations were less than 6 ug/L. VOC TIC concentrations have either decreased or stayed consistent with historic results where applicable.

SVOCs

The July 2024 and January 2025 groundwater concentrations at wells MW-5, MW-7, MW-8, MW-9, MW-12, and MW-15 were either not detected or detected at concentrations below the GWQS/GVs. In July 2024, the concentrations of benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene exceeded their GWQS/GVs at well MW-16. However, there were no exceedances (or detections) at well MW-16 in January 2025. Additionally, phenol was detected at an estimated concentration above the GWQS/GV of 1 ug/L at well MW-13 in July 2024 (2.6 ug/L) and well MW-2R in January 2025 (1.7 ug/L).

In July 2024, SVOC TIC concentrations ranged from 4.8 ug/L (MW-9) to 886 ug/L (MW-16). In January 2025, SVOC TIC concentrations ranged from 7.5 ug/L (MW-16) to 114 ug/L (MW-7). While the highest TIC concentration in July 2024 was detected at well MW-16, it was at well MW-16 that the lowest TIC concentration was detected in January 2025. Between July 2024 and January 2025, SVOC TIC concentrations decreased significantly at wells MW-13 (from 174 ug/L to 7.7 ug/L), MW-15 (from 403 ug/L to 68.4 ug/L), and MW-16 (from 886 ug/L to 7.5 ug/L). SVOC TIC concentrations at three wells have significantly decreased between July 2018 and January 2025: MW-2R (from 659 ug/L to 49.4 ug/L), MW-13 (from 3,946 ug/L to 7.7 ug/L), and MW-15 (from 729 ug/L to 68.4 ug/L).

PFAS

Wells MW-12 and MW-16 were sampled in July 2024 and January 2025 for PFAS and compared to the NYSDEC's February 2023 ambient water quality guidance values (AWQGVs) for perfluorooctanesulfonic acid (PFOS, 2.7 ng/L) and perfluorooctanoic acid (PFOA, 6.7 ng/L). Well MW-12 is located upgradient of the PlumeStop barrier installed in 2021, while well MW-16 is located downgradient of the barrier; therefore, groundwater flows through the barrier from well MW-12 to well MW-16.

In July 2024, concentrations of PFOS and PFOA exceeded the AWQGVs at both wells; however, the reduction in concentrations across the barrier at well MW-16 were 68% (PFOS) and 78% (PFOA) as compared to the concentrations detected well MW-12. The higher PFAS concentrations in July 2024 may be due, in part, to an increase of almost two feet in the groundwater level between June 2023 and July 2024. During the January 2025 sampling event, the reduction in concentrations across the barrier at well MW-16 were 79% (PFOS) and 95% (PFOA) as compared to the concentrations detected in well MW-12, with the concentration of PFOA dropping again below the AWQGVs in well MW-16.

3.2.2 Site-Wide Inspection - Cover System Monitoring

The existing cover system is comprised of a minimum of 12-inches of DER-10 compliant soil/gravel/stone material over a demarcation layer and hardscape asphalt access road. A demarcation layer provides a visual reference to the top of the remaining contamination zone, which is the zone that requires adherence to special conditions for disturbance of remaining contaminated soils defined in the SMP. Figure 7 depicts the final cover system types and details.

In accordance with the SMP, the cover system must be maintained and replaced in the event it is breached as described in the EWP (SMP Appendix E). The cover is to be inspected on an annual basis and following severe storm events. If frequent areas of distress are noted, they will be repaired based on the following conditions.

If the type of cover system changes from that which exists (i.e., a soil cover is replaced by asphalt), this will constitute a modification of the cover element of the remedy and the upper surface of the remaining contamination. A figure showing the modified surface will be included in the subsequent PRR. The key maintenance concerns and corrective actions are provided below:

- Vegetative Soil Cover Monitoring
 - Areas where erosion problems (i.e., rills or gullies) are observed will be repaired by regrading the localized area, adding the required fill material and/or topsoil, and reseeding/replanting.
 - If burrowing animals are observed breaching the soil cover, as evidenced by exposed fill material, they will be eradicated by a licensed exterminator.
- Gravel/Stone Cover Monitoring
 - Ruts or erosion along the access roads will be repaired by re-grading the localized area and adding additional material.

At the time of the Site inspection, the Site complied with the IC/EC requirements. Appendix B is a photographic log showing the vegetated soil, stone/gravel, and hardscape cover systems, and general Site conditions at the time of the April 16, 2025 inspection.

4. Conclusions and Recommendations

4.1 Conclusions

Based on observations during the April 16, 2025 inspection, the Site covered by this PRR was fully compliant with the IC/EC requirements.

The first five rounds of post-COC groundwater monitoring indicate an overall improvement in the groundwater quality. As of January 2025, acetone no longer exceeds its GWQS/GV at well MW-15. There were no SVOC exceedances in January 2025 and only five slight SVOC exceedances (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene) at well MW-16 in July 2024. Both PFOA and PFOS exceeded their AWQGVs at wells MW-12 and MW-16 during the July 2024 and January 2025 sampling events (except for PFOA at well MW-16 in January 2025). However, PFOA and PFOS concentrations decreased between July 2024 and January 2025 to levels aligned with the post-barrier average. The continued effectiveness of the PlumeStop liquid activated carbon treatment barrier will be confirmed with additional groundwater monitoring.

4.2 Recommendations

In accordance with the SMP, Roux recommends moving to annual groundwater sampling as two years of semi-annual groundwater sampling have been completed. Roux also recommends removing VOCs from the required analyses for all wells. The first annual groundwater sampling would occur in July/August 2025. At NYSDEC's request, the 2026 annual groundwater sampling will include PFAS sampling at well MW-10.

5. Declaration/Limitation

Roux Environmental Engineering and Geology, D.P.C. personnel conducted the annual site inspection for BCP Site No. C905045, Olean, New York, according to generally accepted practices. This report complies with the scope of work provided to Homer Street Properties, LLC by Roux Environmental Engineering and Geology, D.P.C.

This report has been prepared for the exclusive use of Homer Street Properties, LLC. The contents of this report are limited to information available at the time of the Site inspection. The findings herein may be relied upon only at the discretion of Homer Street Properties, LLC. Use of or reliance upon this report or its findings by any other person or entity is prohibited without written permission of Roux Environmental Engineering and Geology, D.P.C.

6. References

1. New York State Department of Environmental Conservation. *DER-10/Technical Guidance for Site Investigation and Remediation*. May 2010.
2. Benchmark Civil/Environmental Engineering & Geology, PLLC in association with TurnKey Environmental Restoration, LLC. *Remedial Action Work Plan (RAWP), Oregon Road Site, Olean, New York, BCP Site #C905045*. Revised September 2020.
3. Benchmark Civil/Environmental Engineering & Geology, PLLC in association with TurnKey Environmental Restoration, LLC. *Site Management Plan, Oregon Road Site, Site Number: C905045, Olean, New York*. December 2021.
4. Benchmark Civil/Environmental Engineering & Geology, PLLC in association with TurnKey Environmental Restoration, LLC. *Final Engineering Report, Oregon Road Site, BCP Site Number: C905045, Olean, New York*. Revised December 2021.

TABLES

1. Summary of Groundwater Analytical Data (2011-2025)
2. Summary of Groundwater Elevations



TABLE 1
SUMMARY OF GROUNDWATER ANALYTICAL DATA

OREGON ROAD SITE
BCP SITE NO. C905045
OLEAN, NEW YORK

Parameter ¹	NYSDEC Class GA GWQS ²	Oregon Road Site																											
		MW-1			MW-2			MW-2R							MW-3			MW-4			MW-5								
		11/24/15	4/12/19	11/24/15	7/25/18	4/12/19	10/6/20	2/9/21	4/7/21	6/14/22	1/3/23	6/8/23	7/18/24	1/9/25	11/24/15	4/11/19	2/8/17	7/25/18	4/12/19	2/8/17	4/12/19	6/14/22	1/3/23	6/8/23	7/18/24	1/9/25	2/7/17	4/11/19	
TCL Volatile Organic Compounds (VOCs) - ug/L																													
Acetone	50	7.0	NA	13 D	ND	NA	ND	ND	2.0 J	ND	ND	1.6 J	ND	3.30 J	2.4 J	NA	ND	NA	NA	ND	NA	ND	ND	ND	ND	1.6 J	ND	NA	
Carbon disulfide	60	ND	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	NA	
Cyclohexane	--	ND	NA	1.0 JD	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	ND	ND	1.8 J	0.30 J	ND	ND	NA
Methylcyclohexane	--	ND	NA	68 D	0.49 J	NA	2.40 J	2.2 J	2.4 J	5.3 J	0.49 J	3.5 J	6.10 J	2.20 J	ND	NA	ND	NA	NA	ND	NA	ND	ND	0.84 J	0.95 J	ND	ND	NA	
Methylene Chloride	5	ND	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	NA	
Trichloroethene	5	ND	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	0.46 J	ND	ND	NA	ND	NA	NA	ND	NA	ND	ND	ND	0.35 J	ND	ND	NA	
VOC-TICs ³	--	NA	NA	NA	41	NA	NA	NA	NA	28 J	3.53 J	25.4 J	31.5 J	18.5 J	NA	NA	0.90	NA	NA	2.7	NA	ND	1.41 J	2.23 J	5.06 J	ND	0.36 J	NA	
TCL Semi-Volatile Organic Compounds (SVOCs) - ug/L																													
2-Methylnaphthalene	--	ND	NA	3.5 D	ND	NA	ND	ND	ND	ND	ND	0.04 J	0.03 J	ND	ND	NA	ND	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	NA	
Acenaphthene	20	ND	NA	ND	ND	NA	ND	ND	ND	ND	0.05 J	ND	ND	0.04 J	ND	NA	ND	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	NA	
Acenaphthylene	--	ND	NA	ND	ND	NA	ND	ND	ND	ND	0.01 J	ND	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	ND	0.03 J	ND	ND	ND	NA	
Acetophenone	--	ND	NA	ND	ND	NA	ND	ND	ND	1.6 J	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	NA	0.98 J	ND	ND	ND	ND	ND	NA	
Anthracene	50	ND	NA	1.2 D	ND	NA	0.02 J	0.02 J	ND	ND	0.03 J	ND	ND	ND	0.05 J	NA	ND	NA	NA	ND	NA	ND	ND	0.03 J	ND	ND	ND	NA	
Benzo(a)anthracene	0.002	ND	NA	ND	ND	NA	ND	ND	ND	ND	0.04 J	ND	ND	ND	0.43	NA	ND	NA	NA	ND	NA	ND	ND	0.05 J	ND	ND	ND	NA	
Benzo(a)pyrene	ND	ND	NA	ND	ND	NA	ND	ND	ND	ND	0.03 J	ND	ND	ND	0.26	NA	ND	NA	NA	ND	NA	ND	ND	0.02 J	ND	ND	ND	NA	
Benzo(b)fluoranthene	0.002	ND	NA	ND	ND	NA	ND	ND	ND	ND	0.03 J	ND	ND	ND	0.39	NA	ND	NA	NA	ND	NA	ND	ND	0.02 J	ND	ND	ND	NA	
Benzo(g,h,i)perylene	--	ND	NA	ND	ND	NA	ND	ND	ND	ND	0.03 J	ND	ND	ND	0.16 J	NA	ND	NA	NA	ND	NA	ND	ND	0.02 J	ND	ND	ND	NA	
Benzo(k)fluoranthene	--	ND	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	ND	0.02 J	ND	ND	ND	NA	
Caprolactam	--	ND	NA	ND	20	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	NA	
Chrysene	0.002	ND	NA	ND	ND	NA	ND	ND	ND	ND	0.05 J	ND	ND	ND	0.45	NA	ND	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	NA	
Dibenz(a,h)anthracene	--	ND	NA	ND	ND	NA	ND	ND	ND	ND	0.02 J	ND	ND	ND	0.09 J	NA	ND	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	NA	
Diethyl phthalate	50	ND	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	NA	
Di-n-butyl phthalate	50	ND	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	NA	
Fluoranthene	50	ND	NA	ND	ND	NA	0.03 J	ND	ND	ND	ND	ND	ND	ND	0.24	NA	ND	NA	NA	ND	NA	ND	ND	0.04 J	ND	ND	ND	NA	
Fluorene	50	ND	NA	ND	ND	NA	0.12	0.16	0.05 J	0.13	0.11	0.10	0.11	0.11	ND	NA	ND	NA	NA	ND	NA	ND	ND	0.05 J	ND	ND	ND	NA	
Hexachlorobenzene	0.04	ND	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	NA	
Hexachlorobutadiene	0.5	ND	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	NA	ND	NA	ND	ND	ND	ND	ND	ND	NA	
Indeno(1,2,3-cd)pyrene	0.002	ND	NA	ND	ND	NA	ND	ND	ND	ND	0.02 J	ND	ND	ND	0.15 J	NA	ND	NA	NA	ND	NA	ND	ND	0.02 J	ND	ND	ND	NA	
Naphthalene	10	ND	NA	ND	ND	NA	ND	0.07 J	ND	ND	ND	0.14	0.08 J	ND	ND	NA	ND	NA	NA	ND	NA	ND	ND	0.07 J	ND	ND	ND	NA	
Pentachlorophenol	1*	ND	NA	ND	ND	NA	ND	ND	0.22 J	ND	ND	ND	0.08 J	ND	ND	NA	ND	NA	NA	ND	NA	ND	ND	ND	0.09 J	ND	ND	NA	
Phenanthrene	50	ND	NA	3.7 D	ND	NA	0.06 J	0.12	ND	0.12	0.09 J	0.07 J	0.04 J	0.09 J	0.12 J	NA	ND	NA	NA	ND	NA	ND	ND	0.04 J	ND	ND	ND	NA	
Phenol	1*	ND	NA	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	1.7 J	ND	NA	ND	NA	NA	ND	NA	ND	ND	ND	2.0 J	ND	ND	NA	
Pyrene	50	ND	NA	ND	ND	NA	0.02 J	ND	ND	ND	ND	ND	ND	ND	0.20	NA	ND	NA	NA	ND	NA	ND	ND	0.05 J	ND	ND	ND	NA	
SVOC-TICs ³	--	NA	NA	NA	659	NA	ND	ND	ND	54 J	35 J	114 J	5.10 J	49.40 J	NA	NA	ND	NA	NA	ND	NA	NA	8.8 J	43 J	197 J	17.9 J	38.7 J	ND	NA
Perfluorinated Alkyl Acids - ng/L																													
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	--	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	ND	
1H,1H,2H,2H-Perfluorooctaneslfonic Acid (6:2FTS)	--	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	ND	
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	--	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	ND	
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMetFOSAA)	--	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	ND	
Perfluorobutanesulfonic Acid (PFBS)	--	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	ND	
Perfluorobutanoic acid (PFBA)	--	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	ND	
Perfluorosulfonic Acid (PFDS)	--	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	ND	
Perfluorodecanoic Acid (PFDA)	--	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	ND	
Perfluorododecanoic Acid (PFDoA)	--	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	ND	
Perfluoroheptanesulfonic Acid (PFHpS)	--	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	ND	
Perfluoroheptanoic acid (PFHpA)	--	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	NA	ND	NA	NA	NA	NA	NA	NA	NA	ND	
Perfluorohexanesulfonic Acid (PFHxS)	--	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	0.40 JB	ND	NA	ND	NA	NA	NA	NA	NA	NA	ND	
Perfluorohexanoic acid (PFHxA)	--	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	3.5	ND	NA	ND	NA	NA	NA	NA	NA	NA	ND	
Perfluorononanoic acid (PFNA)	--	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	ND	
Perfluorooctane Sulfonamide (PFOSA)	--	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	ND	
Perfluorooctanesulfonic Acid (PFOS)	2.7	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	1.4 J	ND	NA	ND	NA	NA	NA	NA	NA	NA	ND	
Perfluorooctanoic acid (PFOA)	6.7	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	5.5 B	ND	NA	ND	NA	NA	NA	NA	NA	NA	ND	
Perfluoropentanoic acid (PFPeA)	--	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	6.2	ND	NA	ND	NA	NA	NA	NA	NA	NA	ND	
Perfluoropentanesulfonic acid (PFPeS)	--	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	ND	
Perfluorotetradecanoic acid (PFTeA)	--	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	ND	NA	ND	NA	NA	NA	NA	NA	NA	ND	
Perfluorotridecanoic Acid (PFTriDA)	--	NA	ND	NA	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	ND	NA	ND	NA	NA	NA	NA				



TABLE 1
SUMMARY OF GROUNDWATER ANALYTICAL DATA

OREGON ROAD SITE
BCP SITE NO. C905050
OLEAN, NEW YORK

Parameter ¹	NYSDEC Class GA GWQS ²	Oregon Road Site																											
		MW-7							MW-8							MW-9							MW-10				MW-11		
		2/9/17	4/12/19	6/14/22	1/3/23	6/8/23	7/18/24	1/9/25	2/9/17	4/11/19	6/14/22	1/3/23	6/8/23	7/18/24	1/9/25	2/9/17	4/12/19	10/6/20	2/9/21	4/7/21	6/14/22	1/3/23	6/8/23	7/18/24	1/9/25	2/7/17	4/11/19	2/7/17	4/11/19
TCL Volatile Organic Compounds (VOCs) - ug/L																													
Acetone	50	ND	NA	5.2	ND	ND	ND	3.2 J	ND	NA	1.9 J	ND	2.8 J	ND	6.8	ND	NA	ND	ND	8.9	ND	ND	ND	ND	1.5 J	ND	NA	ND	NA
Carbon disulfide	60	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Cyclohexane	--	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Methylcyclohexane	--	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Methylene Chloride	5	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Trichloroethene	5	ND	NA	ND	ND	ND	0.51	ND	ND	NA	ND	ND	ND	0.29 J	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	
VOC-TiCs ³	--	334	NA	ND	ND	ND	ND	ND	6.0	NA	ND	1.2 J	ND	ND	1.9 J	50	NA	NA	ND	ND	ND	ND	ND	ND	ND	53	NA	0.38 J	NA
TCL Semi-Volatile Organic Compounds (SVOCs) - ug/L																													
2-Methylnaphthalene	--	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	0.05 J	ND	ND	ND	0.03 J	ND	NA	ND	NA
Acenaphthene	20	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Acenaphthylene	--	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Acetophenone	--	ND	NA	1.5 J	ND	ND	ND	ND	ND	NA	1.1 J	ND	ND	ND	ND	ND	NA	ND	ND	2.1 J	ND	ND	ND	ND	ND	ND	NA	ND	NA
Anthracene	50	ND	NA	0.02 J	ND	ND	ND	ND	ND	NA	ND	0.02 J	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Benzo(a)anthracene	0.002	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	0.04 J	ND	ND	ND	ND	NA	ND	0.04 J	ND	ND	0.04 J	ND	ND	ND	NA	ND	NA	
Benzo(a)pyrene	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	0.02 J	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Benzo(b)fluoranthene	0.002	ND	NA	0.01 J	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	0.02 J	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Benzo(g,h,i)perylene	--	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	0.02 J	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Benzo(k)fluoranthene	--	ND	NA	0.01 J	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	0.02 J	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Caprolactam	--	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Chrysene	0.002	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	0.03 J	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Dibenz(a,h)anthracene	--	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Diethyl phthalate	50	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Di-n-butyl phthalate	50	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	0.02 J	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Fluoranthene	50	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	0.03 J	ND	0.03 J	ND	ND	ND	ND	NA	ND	NA	
Fluorene	50	ND	NA	0.02 J	ND	ND	ND	ND	ND	NA	0.02 J	0.01 J	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Hexachlorobenzene	0.04	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Hexachlorobutadiene	0.5	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Indeno(1,2,3-cd)pyrene	0.002	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	0.02 J	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Naphthalene	10	ND	NA	ND	ND	ND	0.03 J	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	0.05 J	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Pentachlorophenol	1 *	ND	NA	ND	ND	ND	0.09 J	ND	ND	NA	ND	ND	ND	0.08 J	ND	ND	NA	ND	ND	0.1 J	ND	ND	ND	0.07 J	ND	ND	NA	ND	NA
Phenanthrene	50	ND	NA	0.02 J	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	0.06 J	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Phenol	1 *	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	1 J	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	NA	
Pyrene	50	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	0.03 J	ND	0.03 J	ND	ND	ND	ND	NA	ND	NA	
SVOC-TiCs ³	--	8.4	NA	ND	15 J	61.9 J	81.8 J	114 J	7.9	NA	35 J	17 J	120 J	12.8 J	77.1 J	ND	NA	ND	ND	ND	41 J	6.2 J	302 J	4.8 J	11.5 J	ND	NA	ND	NA
Perfluorinated Alkyl Acids - ng/L		NYSDEC April 2023 AWQGVs ⁴																											
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	--	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	
1H,1H,2H,2H-Perfluorooctaneslfonic Acid (6:2FTS)	--	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	--	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	--	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	
Perfluorobutanesulfonic Acid (PFBS)	--	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	92	NA	5.5 J	
Perfluorobutanoic Acid (PFBA)	--	NA	4.6 J	NA	NA	NA	NA	NA	NA	9.4	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	14	NA	ND	
Perfluorosulfonic Acid (PFDS)	--	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	
Perfluorodecanoic Acid (PFDA)	--	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	
Perfluorododecanoic Acid (PFDoA)	--	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	
Perfluoroheptanesulfonic Acid (PFHpS)	--	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND	
Perfluorooheptanoic acid (PFHpA)	--	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	22	NA	ND	
Perfluorohexanesulfonic Acid (PFHxS)	--	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	560	NA	40	
Perfluorohexanoic acid (PFHxA)	--	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	130	NA	ND	
Perfluorononanoic acid (PFNA)	--	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND
Perfluorooctane Sulfonamide (PFOSA)	--	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	ND
Perfluorooctanesulfonic Acid (PFOS)	2.7	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	34	NA	12	
Perfluorooctanoic Acid (PFOA)	6.7	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	28	NA	2.6 J	
Perfluoropentanoic acid (PFPeA)	--	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	2		

- Notes:
- Only those parameters detected at a minimum of one sample location are presented in this table; all other compounds were reported as non-detect.
 - Values per



TABLE 1
SUMMARY OF GROUNDWATER ANALYTICAL DATA

OREGON ROAD SITE
BCP SITE NO. C905053
OLEAN, NEW YORK

Parameter ¹	NYSDEC Class GA GWQS ²	Oregon Road Site								Homer Street Extension																Downgradient of Barrier				
		MW-12								MW-13								MW-15								MW-16				
		2/7/17	7/25/18	3/4/19	6/14/22	1/3/23	6/8/23	7/18/24	1/8/25	7/25/18	3/4/19	6/14/22	1/3/23	6/8/23	7/18/24	1/8/25	7/25/18	4/11/19	6/14/22	1/3/23	6/8/23	7/18/24	1/9/25	6/14/22	1/3/23	6/8/23	7/18/24	1/9/25		
TCL Volatile Organic Compounds (VOCs) - ug/L																														
Acetone	50	ND	NA	NA	ND	ND	ND	3.9 J	ND	ND	NA	ND	ND	1.5 J	3.8 J	ND	ND	NA	2.1 J	230 J	230 D	130	18	ND	ND	2.0 J	ND	1.8 J		
Carbon disulfide	60	ND	NA	NA	ND	ND	ND	ND	ND	1.1	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Cyclohexane	--	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	3.0	NA	0.70 J	ND	1.5 J	1.0 J	ND	ND	ND	ND	ND	ND		
Methylcyclohexane	--	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	4.3	NA	0.77 J	ND	2.1 J	2.1 J	ND	ND	ND	ND	ND	ND		
Methylene Chloride	5	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	2.1	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Trichloroethene	5	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	0.54	ND	ND	ND	ND	ND	ND		
VOC-TICs ³	--	0.36 J	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	1.38 J	ND	5.01 J	ND	ND	NA	4.1 J	ND	14.4	5.62 J	ND	ND	ND	ND	ND	ND		
TCL Semi-Volatile Organic Compounds (SVOCs) - ug/L																														
2-Methylnaphthalene	--	ND	NA	NA	ND	ND	ND	0.04 J	ND	ND	NA	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23	ND		
Acenaphthene	20	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.07 J	ND		
Acenaphthylene	--	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Acetophenone	--	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	0.87 J	0.94 J	ND	ND	ND	ND	NA	1.1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Anthracene	50	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	0.03 J	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Benzo(a)anthracene	0.002	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	0.06 J	ND	ND	ND	NA	ND	0.07 J	ND	ND	ND	ND	0.03 J	ND	0.04 J	ND		
Benzo(a)pyrene	ND	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	0.06 J	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.04 J	ND		
Benzo(b)fluoranthene	0.002	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	0.01 J	0.10 J	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	0.02 J	ND	0.05 J	ND		
Benzo(g,h,i)perylene	--	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	0.09 J	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.04 J	ND		
Benzo(k)fluoranthene	--	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	0.09 J	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	0.01 J	ND	ND	ND		
Caprolactam	--	ND	NA	NA	ND	ND	ND	ND	ND	11 J	NA	ND	ND	ND	ND	ND	59	NA	ND	ND	ND	2.7 J	ND	ND	ND	ND	ND	ND		
Chrysene	0.002	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	0.08 J	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	0.03 J	ND			
Dibenz(a,h)anthracene	--	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	0.10 J	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Diethyl phthalate	50	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	1.3 J	ND			
Di-n-butyl phthalate	50	ND	NA	NA	ND	ND	ND	ND	ND	1.8 J	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Fluoranthene	50	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	0.35 J	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.08 J	ND			
Fluorene	50	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	0.03 J	ND	ND	ND	ND	ND	ND	ND	0.03 J	ND		
Hexachlorobenzene	0.04	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	0.03 J	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Hexachlorobutadiene	0.5	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.03 J	ND		
Indeno(1,2,3-cd)pyrene	0.002	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	0.10 J	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.04 J	ND		
Naphthalene	10	ND	NA	NA	ND	ND	0.08 J	0.03 J	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	1.3 B	ND		
Pentachlorophenol	1 *	ND	NA	NA	ND	ND	ND	0.08 J	ND	ND	NA	ND	ND	ND	0.07 J	ND	ND	NA	ND	ND	ND	0.08 J	ND	ND	ND	ND	0.16 J	ND		
Phenanthrene	50	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.06 J	ND		
Phenol	1 *	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	2.6 J	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
Pyrene	50	ND	NA	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.07 J	ND		
SVOC-TICs ³	--	ND	NA	NA	52 J	6.6 J	50.3 J	28.3 J	23.2 J	3.946	NA	7.4 J	243 J	60.3 J	137 J	7.7 J	729	NA	37 J	44 J	249 J	403 J	68.4 J	21 J	10 J	25 J	886 J	7.5 J		
Perfluorinated Alkyl Acids - ng/L																														
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	--	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND		
1H,1H,2H,2H-Perfluorooctaneslfonic Acid (6:2FTS)	--	NA	ND	ND	ND	ND	ND	ND	ND	ND	0.42 J	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND		
N-ethyl Perfluorooctanesulfonamidoacetic Acid (NEIFOSAA)	--	NA	ND	4.74	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND		
N-methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	--	NA	ND	4.65	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND		
Perfluorobutanesulfonic Acid (PFBS)	--	NA	61	111 J	207	238	88.1	223	165	670	732 J	NA	NA	NA	NA	NA	3.0 J	2.5 J	NA	NA	NA	NA	NA	2.32 J	3.09	3.6 J	24.8	8.32		
Perfluorobutanoic acid (PFBA)	--	NA	37	26.9	41.9	74	22.5	60.2	56.2 JD	200	182	NA	NA	NA	NA	NA	120	25	NA	NA	NA	NA	NA	6.51	8.99	8.8 J	16.9	19.7		
Perfluorosulfonic Acid (PFDS)	--	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND		
Perfluorodecanoic Acid (PFDA)	--	NA	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND		
Perfluorododecanoic Acid (PFDoA)	--	NA	ND	0.629 J	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND		
Perfluoroheptanesulfonic Acid (PFHpS)	--	NA	18	31.4	10.4	11.6	8.22	31.9	21.3	4.4 J	ND	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA	ND	1.37 J	2.4 J	9.59	3.73		
Perfluoroheptanoic acid (PFHpA)	--	NA	17	29.3	42.7	49.3	19.4	65.3	45.1 J	180	119	NA	NA	NA	NA	NA	1.8 J	ND	NA	NA	NA	NA	NA	0.855 J	1.12 J	2.00 J	9.23	1.27 J		
Perfluorohexanesulfonic Acid (PFHxS)	--	NA	520 B	784	757	629	320	1010 D	823 D	1,100 B	847	NA	NA	NA	NA	NA	2.4 JB	ND	NA	NA	NA	NA	NA	15.9 J	32.6	40	277	55.1		
Perfluorohexanoic acid (PFHxA)	--	NA	96	171	270	393	124	299	227	1,900	1,520	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA	4.63	5.84	9.6	53.6	11.9		
Perfluorononanoic acid (PFNA)	--	NA	0.47 J	0.729 J	ND	ND	ND	0.601 EMPC	0.448 J	ND	ND	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	0.912 J	ND		
Perfluorooctane Sulfonamide (PFOSA)	--	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	ND	ND		
Perfluorooctanesulfonic Acid (PFOS)	2.7	NA	510	1,020	222	239	216	622 D	392	3.5 J	ND	NA	NA	NA	NA	NA	1.6 J	ND	NA	NA	NA	NA	NA	NA	21.8	35.9	34.0	201	81.2	
Perfluorooctanoic acid (PFOA)	6.7	NA	25 B	48.8	42.8	50.3	29.7	115	75.9	100 B	45.9	NA	NA	NA	NA	NA	2.0 JB	ND	NA	NA	NA	NA	NA	NA	0.82 EMPC	1.88	3.6 J	25.3	3.53	
Perfluoropentanoic acid (PFPeA)	--	NA	15	35.8	70.2	108	37.4	84.7	64 J	250	321	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA	2.11	3.38	4.8 J	16.1	11.3		
Perfluoropentanesulfonic acid (PFPeS)	--	NA	ND	ND	ND	ND	76.2	207	176	ND	ND	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA	NA	ND	ND	ND	29.5	5.00		
Per																														



TABLE 2
SUMMARY OF GROUNDWATER ELEVATIONS

OREGON ROAD SITE
BCP SITE NO C905045
OLEAN, NEW YORK

Location ¹	TOR Elevation ² (ft)	DTW (fbTOR)	Groundwater Elevation (ft)	DTW (fbTOR)	Groundwater Elevation (ft)	DTW (fbTOR)	Groundwater Elevation (ft)	DTW (fbTOR)	Groundwater Elevation (ft)	DTW (fbTOR)	Groundwater Elevation (ft)	DTW (fbTOR)	Groundwater Elevation (ft)	DTW (fbTOR)	Groundwater Elevation (ft)	DTW (fbTOR)	Groundwater Elevation (ft)	DTW (fbTOR)	Groundwater Elevation (ft)	DTW (fbTOR)	Groundwater Elevation (ft)	DTW (fbTOR)	Groundwater Elevation (ft)	DTW (fbTOR)	Groundwater Elevation (ft)	DTW (fbTOR)	Groundwater Elevation (ft)	DTW (fbTOR)	Groundwater Elevation (ft)		
		2/8/17		8/2/18		4/12/19		10/22/20		11/18/20		1/26/21		2/11/21		3/4/21		4/14/21		8/3/21		6/14/22		1/3/23		6/8/23		7/18/24		1/8/25	
MW-2R	1441.52	NM	NM	6.45	1435.07	6.76	1434.76	5.76	1435.76	NM	NM	6.94	1434.58	6.95	1434.57	5.95	1435.57	6.06	1435.46	6.11	1435.41	5.90	1435.62	6.05	1435.47	6.50	1435.02	6.91	1434.61	6.36	1435.16
MW-4	1469.48	6.59	1462.89	6.70	1462.78	6.04	1463.44	9.18	1460.30	7.61	1461.87	7.26	1462.22	7.49	1461.99	6.52	1462.96	6.77	1462.71	5.32	1464.16	5.50	1463.98	7.06	1462.42	8.88	1460.60	NM	-	6.70	1462.78
MW-5	1432.01	11.15	1420.86	14.10	1417.91	12.66	1419.35	16.87	1415.14	15.91	1416.10	13.81	1418.20	14.89	1417.12	14.12	1417.89	13.50	1418.51	12.65	1419.36	12.32	1419.69	13.35	1418.66	14.56	1417.45	14.20	1417.81	13.77	1418.24
MW-6	1456.65	9.35	1447.30	11.10	1445.55	8.96	1447.69	12.89	1443.76	8.41	1448.24	10.22	1446.43	11.05	1445.60	7.31	1449.34	3.44	1453.21	5.58	1451.07	6.60	1450.05	4.43	1452.22	9.69	1446.96	NM	-	3.97	1452.68
MW-7	1462.56	10.00	1452.56	13.40	1449.16	9.75	1452.81	11.39	1451.17	NM	NM	11.51	1451.05	12.86	1449.70	11.36	1451.20	13.53	1449.03	10.72	1451.84	10.30	1452.26	10.25	1452.31	11.38	1451.18	10.81	1451.75	10.47	1452.09
MW-8	1445.49	5.21	1440.28	5.61	1439.88	5.31	1440.18	9.96	1435.53	4.90	1440.59	5.41	1440.08	5.57	1439.92	5.22	1440.27	2.39	1443.10	1.22	1444.27	0.90	1444.59	1.65	1443.84	2.40	1443.09	1.90	1443.59	0.61	1444.88
MW-9	1444.09	6.02	1438.07	6.20	1437.89	5.80	1438.29	6.89	1437.20	5.78	1438.31	5.82	1438.27	5.91	1438.18	5.38	1438.71	5.61	1438.48	5.75	1438.34	5.50	1438.59	5.25	1438.84	5.76	1438.33	5.74	1438.35	5.03	1439.06
MW-10	1439.02	7.97	1431.05	8.20	1430.82	8.10	1430.92	13.29	1425.73	12.31	1426.71	11.97	1427.05	12.37	1426.65	12.31	1426.71	11.85	1427.17	12.34	1426.68	11.45	1427.57	11.75	1427.27	11.03	1427.99	NM	-	8.91	1430.11
MW-11	1436.17	5.66	1430.51	6.45	1429.72	6.03	1430.14	10.68	1425.49	10.41	1425.76	NM	NM	NM	NM	9.72	1426.45	9.51	1426.66	9.96	1426.21	9.16	1427.01	9.07	1427.10	9.15	1427.02	NM	-	NM*	--
MW-12	1431.77	13.69	1418.08	16.55	1415.22	14.55	1417.22	NM	NM	18.50	1413.27	16.63	1415.14	17.50	1414.27	16.95	1414.82	16.15	1415.62	15.25	1416.52	15.28	1416.49	15.80	1415.97	17.19	1414.58	15.31	1416.46	15.92	1415.85
MW-13	1445.77	NM	NM	11.15	1434.62	4.15	1441.62	9.75	1436.02	9.05	1436.72	7.62	1438.15	8.20	1437.57	8.01	1437.76	6.27	1439.50	4.00	1441.77	2.18	1443.59	8.06	1437.71	2.59	1443.18	3.39	1442.38	5.72	1440.05
MW-15	1433.21	NM	NM	16.15	1417.06	14.20	1419.01	17.80	1415.41	17.99	1415.22	16.01	1417.20	17.22	1415.99	16.58	1416.63	15.84	1417.37	15.16	1418.05	14.96	1418.25	15.61	1417.60	16.88	1416.33	17.05	1416.16	15.36	1417.85
MW-16	1427.65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11.15	1416.50	11.20	1416.45	11.75	1415.90	13.15	1414.50	12.40	1415.25	11.99	1415.66

Notes:

1. Wells MW-2R, MW-13, & MW-15 were installed in July 2018. Well MW-16 was installed July 2021. All other existing wells installed in January and February 2017.

2. Elevations are referenced to NGVD 88.

* 1/8/25 Note: MW-11 Not Located due to heavy snow cover. Metal detector attempted.

** 1/8/25 Note: MW-16 DTW measured on 1/9/25.

Acronyms:

fbTOR = Feet below top of riser

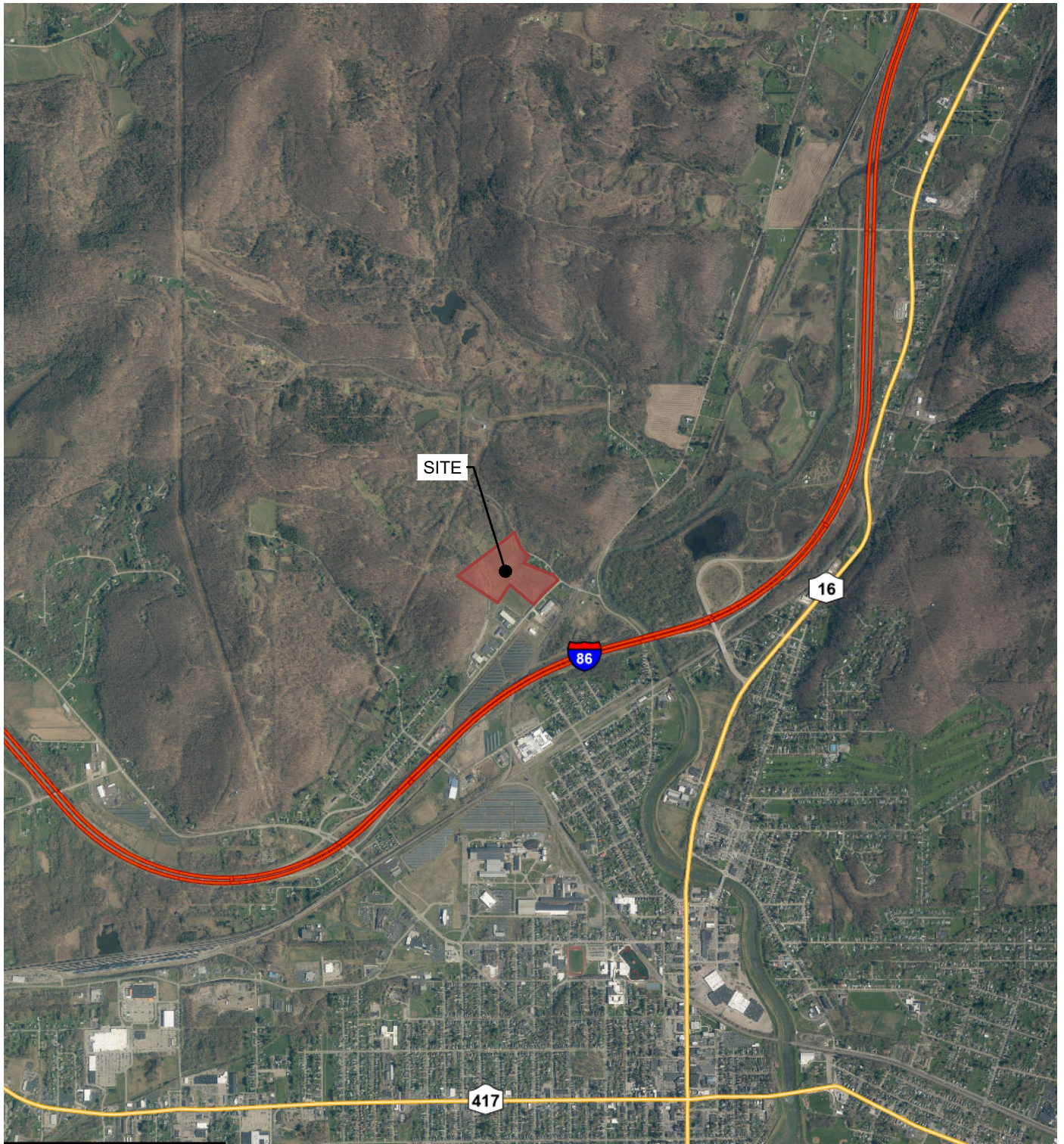
DTW = Depth to water

NM = Not measured

FIGURES

1. Site Location and Vicinity Map
2. Site Plan (Pre-Remediation)
3. Site Plan (Post-Redevelopment)
4. Tax Map
5. Groundwater Isopotential Map (July 2024)
6. Groundwater Isopotential Map (January 2025)
7. Site Cover System

\\SRVBN\AFS1\BUFFALO\SHARED\CAD\TURNKEY\HOMER STREET PROPERTIES, LLC\OREGON ROAD\2025 PRR\FIGURE 1: SITE LOCATION AND VICINITY MAP.DWG



QUADRANGLE LOCATION



Title: **SITE LOCATION AND VICINITY MAP**

PERIODIC REVIEW REPORT

OREGON ROAD SITE (BCP SITE NO. C905045)
OLEAN, NEW YORK

Prepared for:

HOMER STREET PROPERTIES, LLC

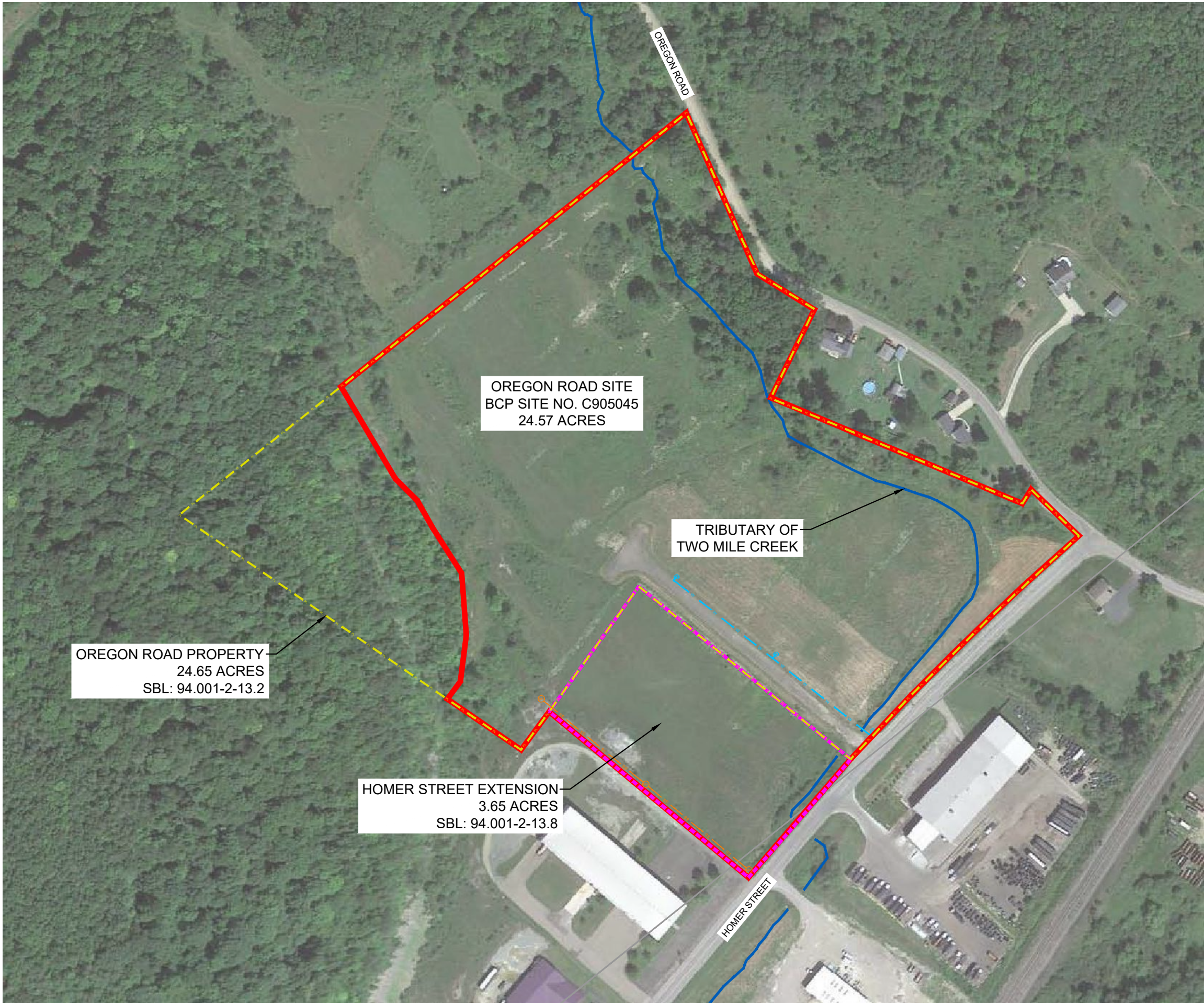


Compiled by: JJY	Date: APRIL 2025
Prepared by: JJY	Scale: AS SHOWN
Project Mgr: LER	Project: 4343.0001B000
File: FIGURE 1: SITE LOCATION AND VICINITY MAP.DWG	

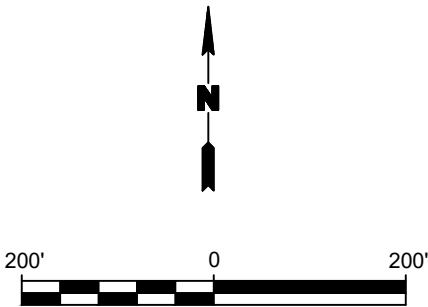
FIGURE

1

F:\CAD\TURNKEY\HOMER STREET PROPERTIES, LLC\OREGON ROAD\2025 PRR\FIGURE 2: SITE PLAN (AERIAL)_PRE-REMEDIATION.DWG



- LEGEND:
- BCP SITE BOUNDARY
 - OREGON ROAD PROPERTY BOUNDARY
 - HOMER STREET EXTENSION PROPERTY BOUNDARY
 - CITY OF OLEAN CORPORATE BOUNDARY
 - SANITARY PIPELINE
 - SANITARY MANHOLE
 - FIRE MAIN
 - FIRE HYDRANT



Title:

SITE PLAN (AERIAL)
PRE-REMEDIATION ACTION

PERIODIC REVIEW REPORT

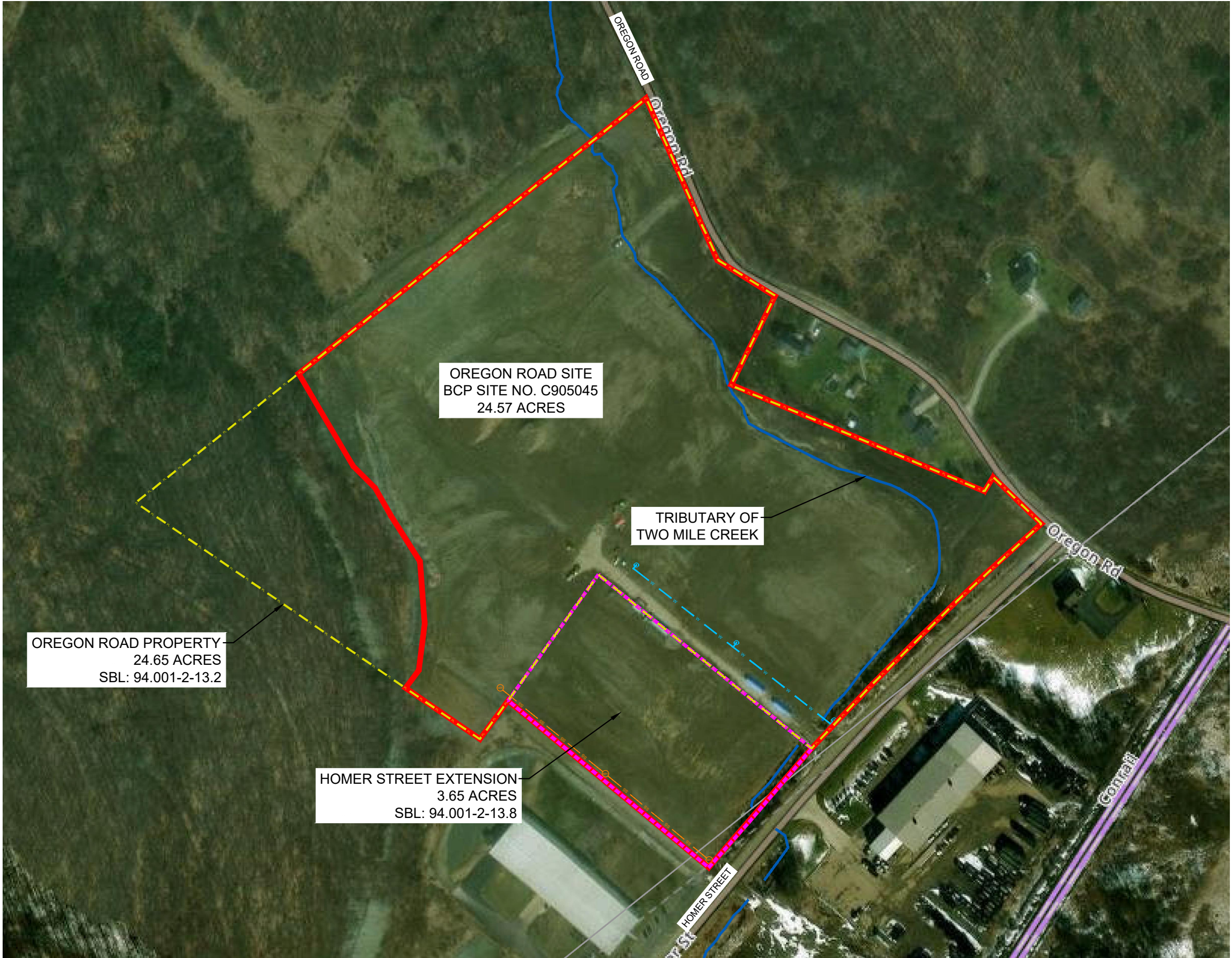
OREGON ROAD SITE (BCP SITE NO. C905045)
OLEAN, NEW YORK

Prepared for:

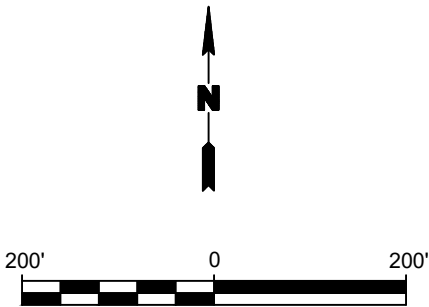
HOMER STREET PROPERTIES, LLC

	Compiled by: JJY	Date: APRIL 2024	FIGURE 2
	Prepared by: JJY	Scale: AS SHOWN	
	Project Mgr: LER	Project: 4343.0001B000	
	File: FIGURE 2: SITE PLAN (AERIAL)_PRE-REMEDIATION.DWG		

F:\CAD\TURNKEY\HOMER STREET PROPERTIES, LLC\OREGON ROAD\2025 PRRF\FIGURE 3: SITE PLAN (AERIAL)_POST-REMEDIATION.DWG



- LEGEND:
- BCP SITE BOUNDARY
 - OREGON ROAD PROPERTY BOUNDARY
 - HOMER STREET EXTENSION PROPERTY BOUNDARY
 - CITY OF OLEAN CORPORATE BOUNDARY
 - SANITARY PIPELINE
 - SANITARY MANHOLE
 - FIRE MAIN
 - FIRE HYDRANT



Title:

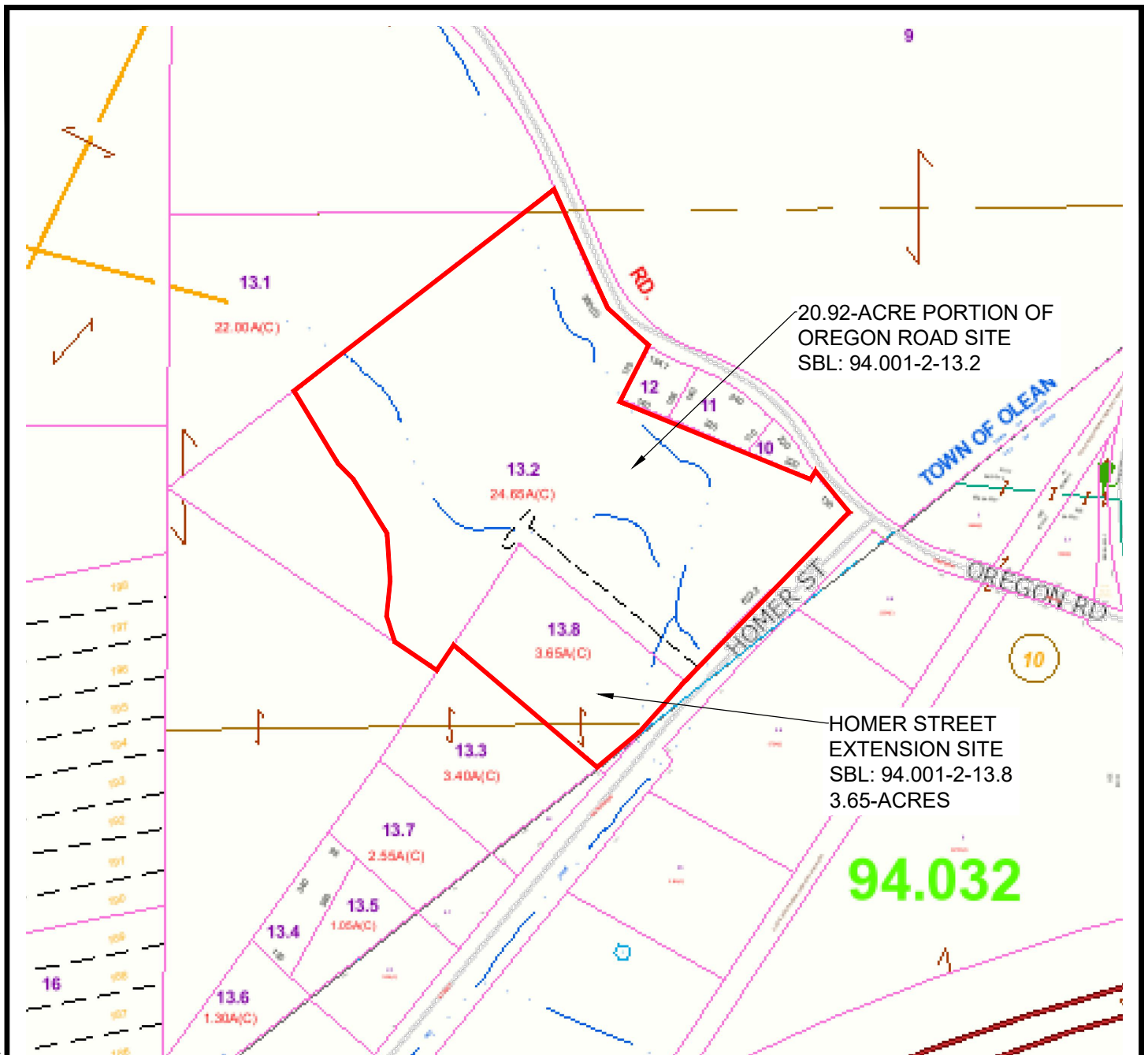
SITE PLAN (AERIAL)
POST REMEDIAL ACTION
PERIODIC REVIEW REPORT

OREGON ROAD SITE (BCP SITE NO. C905045)
OLEAN, NEW YORK

Prepared for:

HOMER STREET PROPERTIES, LLC

	Compiled by: JJY	Date: APRIL 2025	FIGURE 3
	Prepared by: JJY	Scale: AS SHOWN	
	Project Mgr: LER	Project: 4343.0001B000	
	File: FIGURE 3: SITE PLAN (AERIAL)_POST-REMEDIATION.DWG		



LEGEND:

 BCP SITE BOUNDARY



Title:

TAX MAP

PERIODIC REVIEW REPORT

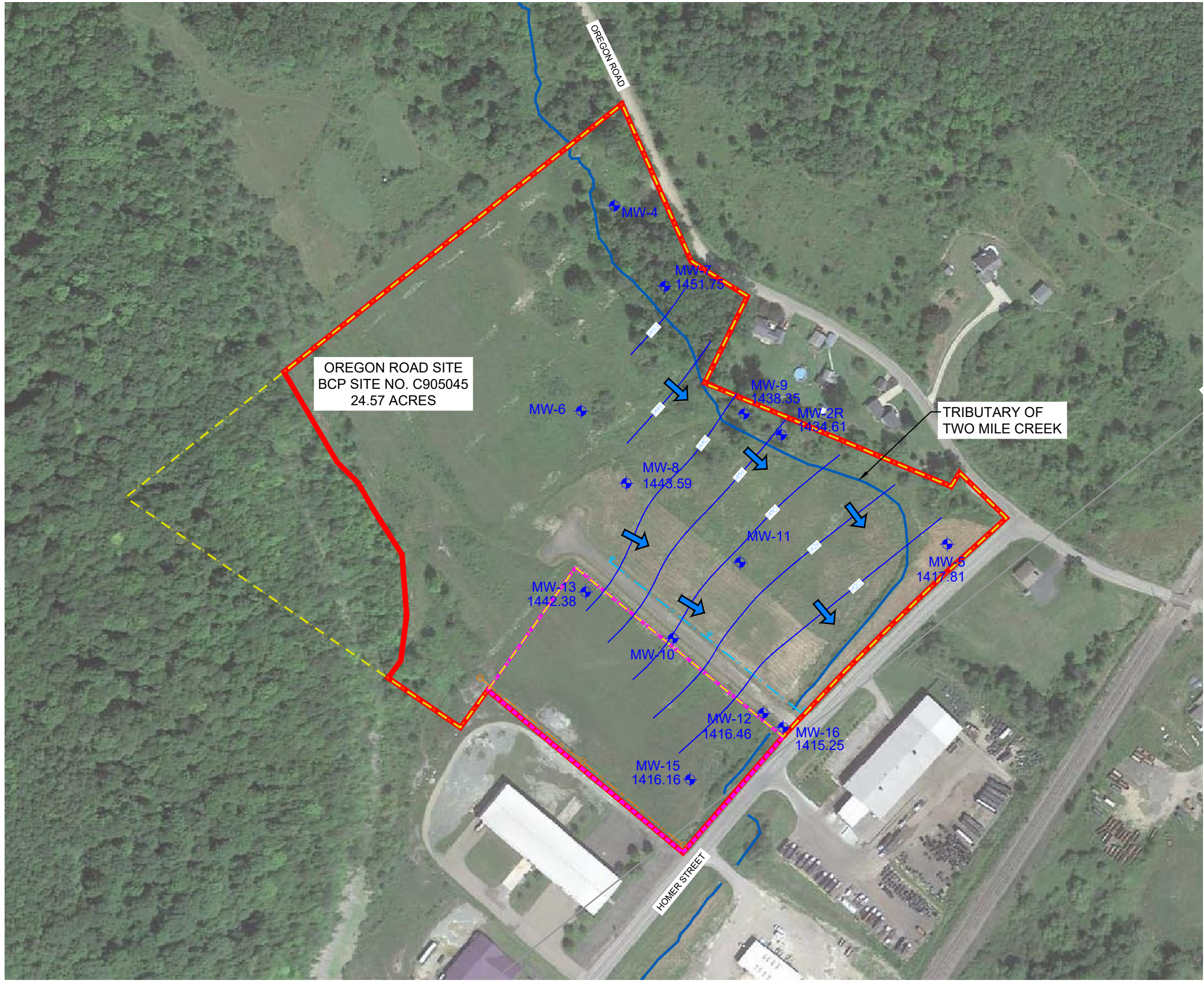
OREGON ROAD SITE (BCP SITE NO. C905045)
OLEAN, NEW YORK

Prepared for:

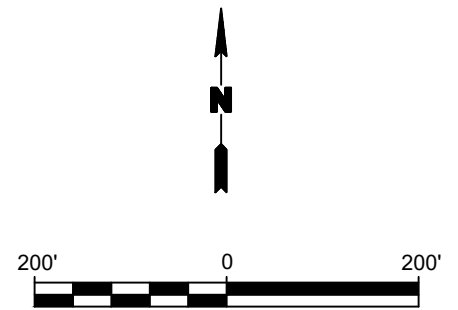
HOMER STREET PROPERTIES, LLC

	Compiled by: JJY	Date: APRIL 2025	FIGURE 4
	Prepared by: JJY	Scale: AS SHOWN	
	Project Mgr: LER	Project: 4343.0001B000	
	File: FIGURE 4: TAX MAP.DWG		

F:\CAD\TURNKEY\HOMER STREET PROPERTIES, LLC\OREGON ROAD\2025 PRRF\FIGURE 5: GROUNDWATER ISOPOTENTIAL MAP (JULY 2024).DWG



- LEGEND:
- BCP SITE BOUNDARY
 - CITY OF OLEAN CORPORATE BOUNDARY
 - SANITARY PIPELINE
 - SANITARY MANHOLE
 - FIRE MAIN
 - FIRE HYDRANT
 - RI MONITORING WELL LOCATION (GW ELEVATIONS ARE REFERENCED TO NGVD 88)
 - GROUNDWATER ELEVATION CONTOUR
 - GROUNDWATER FLOW DIRECTION



Title:

GROUNDWATER ISOPOTENTIAL MAP
JULY 2024

PERIODIC REVIEW REPORT

OREGON ROAD SITE (BCP SITE NO. C905045)
OLEAN, NEW YORK

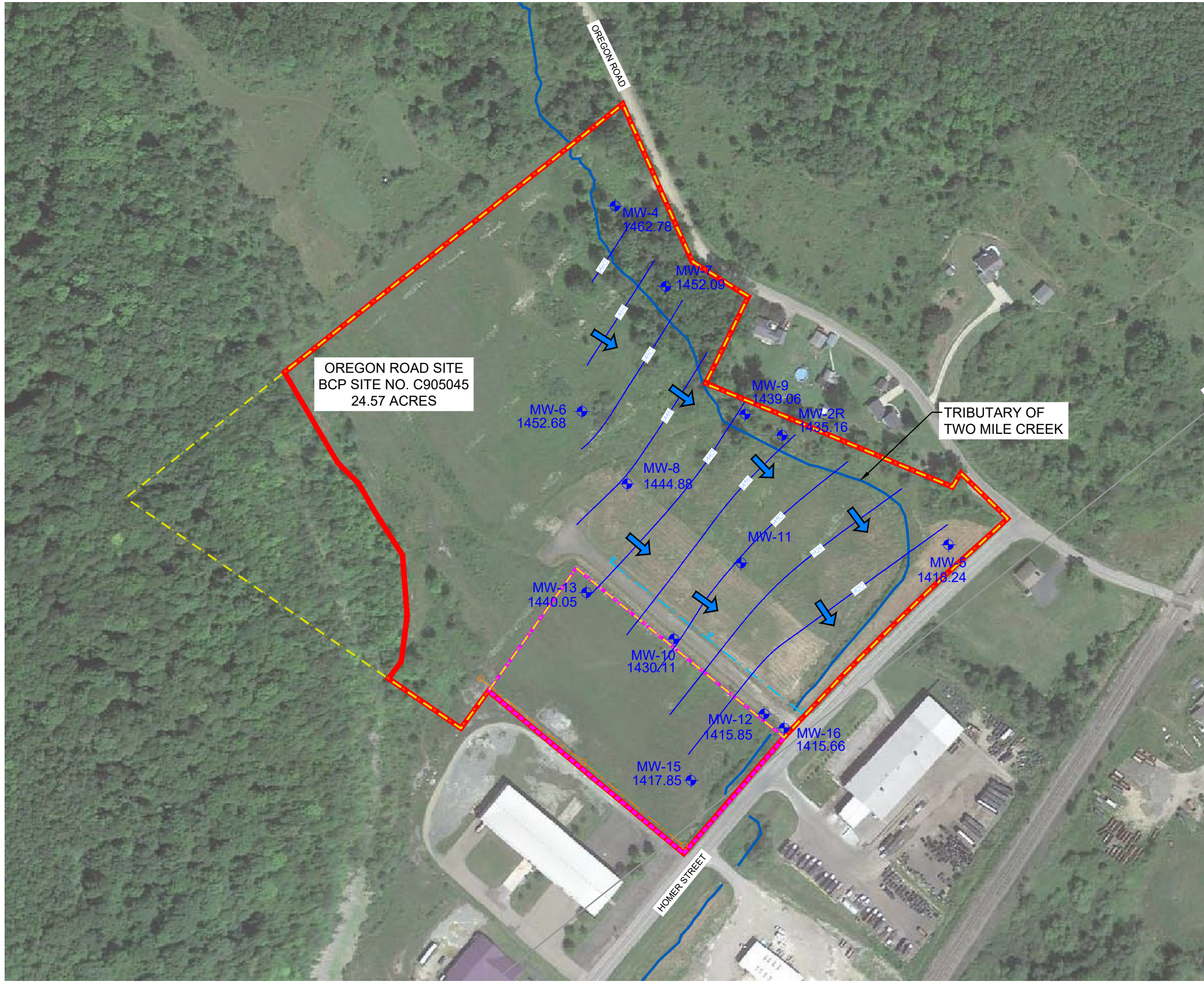
Prepared for:

HOMER STREET PROPERTIES, LLC

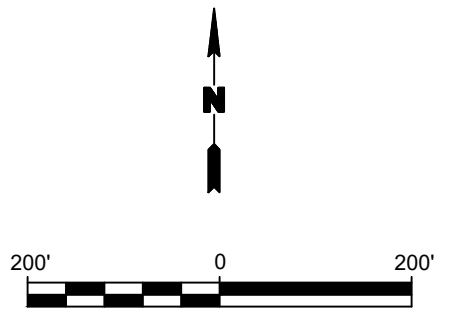
ROUX

Compiled by: CNK	Date: APRIL 2025	FIGURE 5
Prepared by: CNK	Scale: AS SHOWN	
Project Mgr: LER	Project: 4343.0001B000	
File: FIGURE 5: GROUNDWATER ISOPOTENTIAL MAP (JULY 2024).DWG		

F:\CAD\TURNKEY\HOMER STREET PROPERTIES, LLC\OREGON ROAD\2025 PRRF\FIGURE 6: GROUNDWATER ISOPOTENTIAL MAP (JANUARY 2025).DWG



- LEGEND:
- BCP SITE BOUNDARY
 - CITY OF OLEAN CORPORATE BOUNDARY
 - SANITARY PIPELINE
 - SANITARY MANHOLE
 - FIRE MAIN
 - FIRE HYDRANT
 - RI MONITORING WELL LOCATION (GW ELEVATIONS ARE REFERENCED TO NGVD 88)
 - GROUNDWATER ELEVATION CONTOUR
 - GROUNDWATER FLOW DIRECTION



Title:

GROUNDWATER ISOPOTENTIAL MAP

JANUARY 2025

PERIODIC REVIEW REPORT

OREGON ROAD SITE (BCP SITE NO. C905045)

CLEAN, NEW YORK

Prepared for:

HOMER STREET PROPERTIES, LLC

ROUX

Compiled by: CNK

Date: APRIL 2025

Prepared by: CNK

Scale: AS SHOWN

Project Mgr: LER

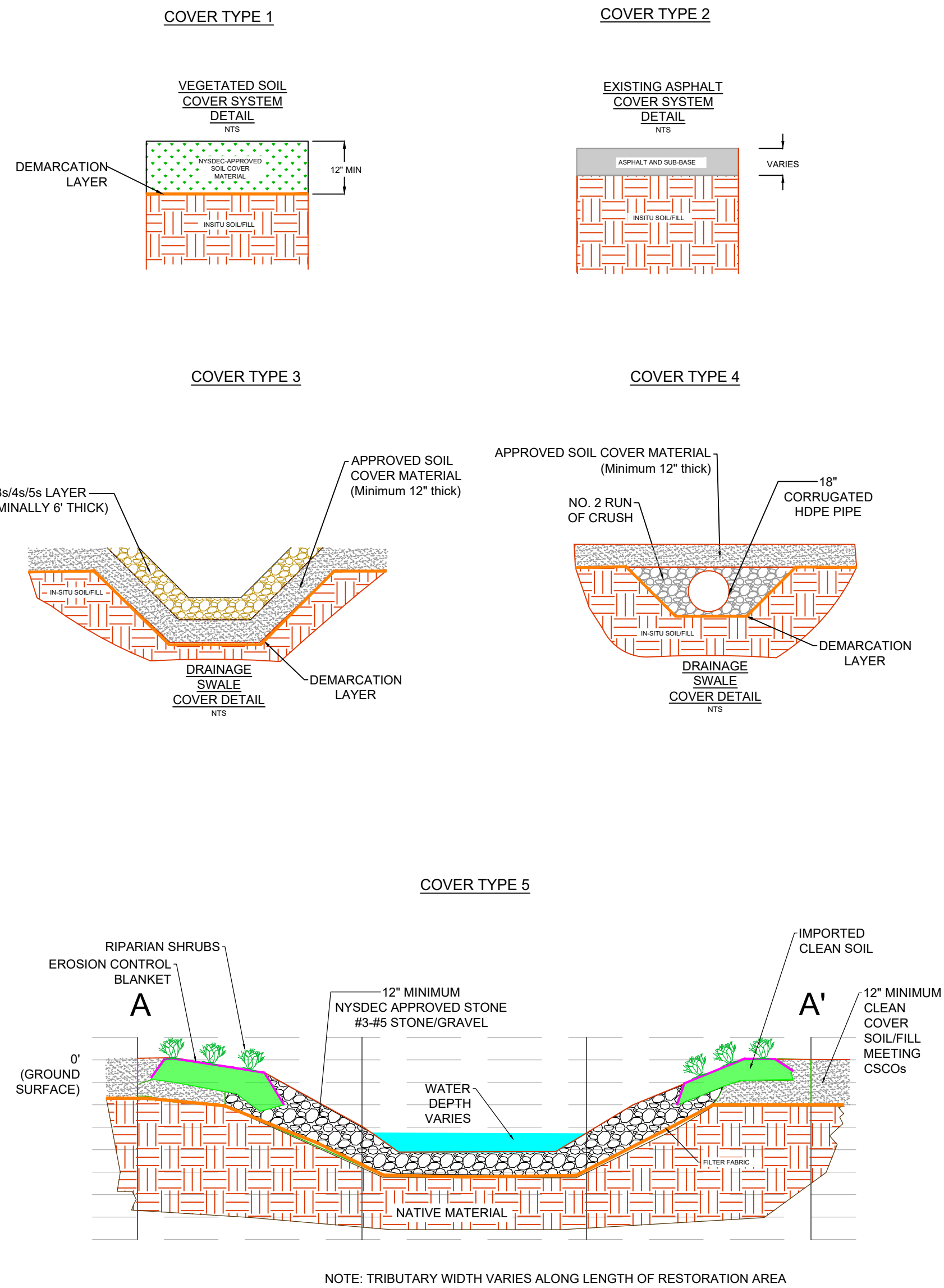
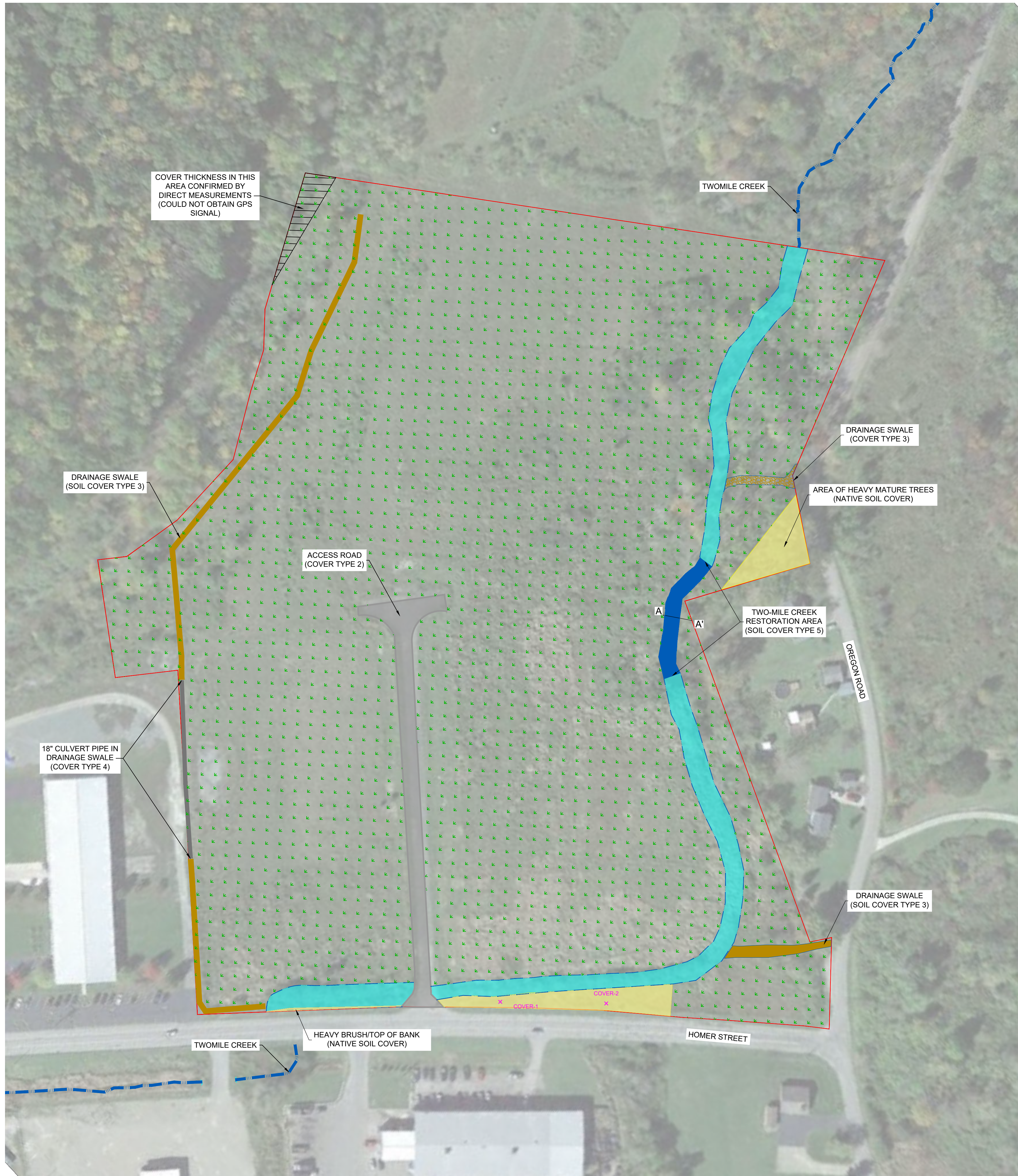
Project: 4343.0001B000

File: FIGURE 6: GROUNDWATER ISOPOTENTIAL MAP (JANUARY 2025).DWG

FIGURE

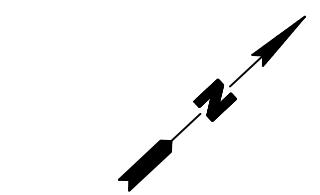
6

F:\CAD\TURNKEY\HOMER STREET PROPERTIES, LLC\OREGON ROAD\2025 PREL\FIGURE 7: SITE COVER SYSTEM.DWG



- LEGEND:
- BCP SITE BOUNDARY
 - DRAINAGE SWALE
 - VEGETATED COVER SYSTEM (COVER TYPE 1)
 - EXISTING ACCESS ROAD
 - ASPHALT COVER SYSTEM (COVER TYPE 2)
 - DRAINAGE SWALE (COVER TYPE 3)
 - CULVERT IN DRAINAGE SWALE (COVER TYPE 4)
 - TWO-MILE CREEK RESTORATION AREA (COVER TYPE 5)
 - EXISTING UPPER 1' OF SOILS MEETING CSCO
 - LIMITS OF TWO MILE CREEK ON SITE
 - COVER-1 X
 - COVER SOIL SAMPLE LOCATION

NOTES:
1. ALL IMPORTED SOIL MEETS UNRESTRICTED SOIL CLEANUP OBJECTIVES (USCOs) AND PROTECTION OF ECOLOGICAL RESOURCES SCOs (PERSCOs).



Title: SITE COVER SYSTEM			
PERIODIC REVIEW REPORT			
OREGON ROAD SITE (BCP SITE NO. C905045) OLEAN, NEW YORK			
Prepared for: HOMER STREET PROPERTIES, LLC			
ROUX	Compiled by: JJY	Date: APRIL 2025	7
	Prepared by: JJY	Scale: AS SHOWN	
	Project Mgr: LER	Project: 4343.0001B000	
	File: FIGURE 7: SITE COVER SYSTEM.DWG		

APPENDICES

- A. IC/EC Certification Form
- B. Site Photographic Log
- C. Groundwater Sampling Field Forms, Analytical Data, and DUSR

IC/EC Certification Form



Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form



Site Details

Box 1

Site No. **C905045**

Site Name **Oregon Road Site**

Site Address: Oregon Road and Homer Street Extension Zip Code: 14760
City/Town: Olean
County: Cattaraugus
Site Acreage: 24.570

Reporting Period: April 17, 2024 to April 17, 2025

- | | YES | NO |
|--|-------------------------------------|-------------------------------------|
| 1. Is the information above correct? | ☒ | ☐ |
| If NO, include handwritten above or on a separate sheet. | | |
| 2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period? | ☐ | ☒ |
| 3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))? | ☐ | ☒ |
| 4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? | ☐ | ☒ |
| If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form. | | |
| 5. Is the site currently undergoing development? | ☐ | ☒ |

Box 2

- | | YES | NO |
|--|-------------------------------------|--------------------------|
| 6. Is the current site use consistent with the use(s) listed below?
Commercial and Industrial | ☒ | ☐ |
| 7. Are all ICs in place and functioning as designed? | ☒ | ☐ |

**IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

Box 2A

YES NO

8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?

☐ ☒

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid?
(The Qualitative Exposure Assessment must be certified every five years)

☒ ☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C905045**Box 3****Description of Institutional Controls**ParcelOwnerInstitutional Control**94.001-2-13.2 (portion of)** Homer Street Properties, LLC

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

Imposition of an institutional control in the form of an environmental easement for the controlled property which will:

- require the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
- allow the use and development of the controlled property for commercial use or industrial use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- restrict the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH; and
- require compliance with the Department approved Site Management Plan.

94.001-2-13.8 State and Union, LLC

Ground Water Use Restriction
Soil Management Plan
Landuse Restriction
Monitoring Plan
Site Management Plan
IC/EC Plan

Imposition of an institutional control in the form of an environmental easement for the controlled property which will:

- require the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
- allow the use and development of the controlled property for commercial use or industrial use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
- restrict the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or County DOH; and
- require compliance with the Department approved Site Management Plan.

Box 4**Description of Engineering Controls**

Parcel

Engineering Control

94.001-2-13.2 (portion of)

Groundwater Treatment System
Cover System
Monitoring Wells

- A site cover will be required to allow for commercial use of the site in areas where the upper one foot of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs), except in areas proximate to Two Mile Creek where cover material must meet the protection of ecological resources SCOs;
- In-Situ Groundwater Treatment Wall consisting of activated carbon (or other proprietary compounds) will be added to the subsurface to capture and prevent the migration of PFAS compounds in groundwater; and
- Monitoring of groundwater using monitoring wells to ensure that the remedy remains protective of human health and the environment.

94.001-2-13.8

Groundwater Treatment System
Cover System
Monitoring Wells

- A site cover will be required to allow for commercial use of the site in areas where the upper one foot of exposed surface soil will exceed the applicable soil cleanup objectives (SCOs), except in areas proximate to Two Mile Creek where cover material must meet the protection of ecological resources SCOs;
- In-Situ Groundwater Treatment Wall consisting of activated carbon (or other proprietary compounds) will be added to the subsurface to capture and prevent the migration of PFAS compounds in groundwater; and
- Monitoring of groundwater using monitoring wells to ensure that the remedy remains protective of human health and the environment.

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

- a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;
- b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

☒ ☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

- (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;
- (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;
- (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;
- (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and
- (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

☒ ☐

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C905045

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1, 2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Don Benson at 130 South Union Street, Suite 300, Olean, NY 14760,
print name print business address

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.



Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

5/14/25
Date

EC CERTIFICATIONS
SITE NO. C905045

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Lori E. Riker, P.E. at Roux Environmental Engineering and Geology, D.P.C.
print name 2558 Hamburg Turnpike, Suite 300, Buffalo, NY 14218
print business address

am certifying as a Professional Engineer for the Owner
Owner or Remedial Party)

Lori E. Riker

Signature of Professional Engineer, for the Owner or
Remedial Party, Rendering Certification



Stamp
(Required for PE)

5/15/25

Date

Site Photographic Log

SITE PHOTOGRAPHS

Photo 1:



Photo 2:



Photo 3:



Photo 4:



Site Inspection (April 16, 2025)

Photo 1: View of vegetative growth and Two-Mile Creek from southeastern boundary of the Site (looking southwest)

Photo 2: View of vegetative growth and Two-Mile Creek from southeastern boundary (looking northeast)

Photo 3: View of asphalt access road and asphalt cover system (looking northwest)

Photo 4: View of vegetative cover system from southern corner of the Site (looking northwest)

SITE PHOTOGRAPHS

Photo 5:



Photo 6:



Photo 7:



Photo 8:



Site Inspection (April 16, 2025)

Photo 5: View of vegetative cover system and culvert pipe in drainage swale along the western boundary of the Site (looking north)

Photo 6: View of vegetative cover and drainage swale in the northwestern quadrant of the Site (looking northwest)

Photo 7: View of vegetative cover (looking northeast)

Photo 8: View of Two-Mile Creek in northern corner of the Site (looking east)

SITE PHOTOGRAPHS

Photo 9:



Photo 10:



Photo 11:



Photo 12:



Site Inspection (April 16, 2025)

Photo 9: View of drainage swale in northeast portion of the Site (looking northeast)

Photo 10: View of vegetative cover from the northwestern quadrant of the Site (looking northwest)

Photo 11: View of Two-Mile Creek restoration area and vegetative cover along eastern boundary of the site (looking southeast)

Photo 12: View of vegetative cover from eastern corner of the Site (looking west)

Groundwater Sampling Field Forms, Analytical Data, and DUSR



EQUIPMENT CALIBRATION LOG

PROJECT INFORMATION:

Project Name: **Oregon Road OM&M**

Project No.: 4343.0001B000

Client: Homer Street Redevelopment, LLC

Date: 7/18/24

Instrument Source: ☒ BM ☐ Rental

METER TYPE	UNITS	TIME	MAKE/MODEL	SERIAL NUMBER	CAL. BY	STANDARD	POST CAL. READING	SETTINGS
☒ pH meter	units	9:47 am	Myron L Company Ultra Meter 6P	6213516 ☐ 6243084 ☒ 6212375 ☐ 6243003 ☐ 6223973 ☐	MTK	4.00 7.00 10.01	4.00 7.04 10.00	
☒ Turbidity meter	NTU	9:47 am	Hach 2100P or 2100Q Turbidimeter	06120C020523 (P) ☐ 13120C030432 (Q) ☐ 17110C062619 (Q) ☐	MTK	10 NTU verification <0.4 20 100 800	1 22 100 810	
☐ Sp. Cond. meter	uS mS		Myron L Company Ultra Meter 6P	6213516 ☐ 6243084 ☐ 6212375 ☐ 6243003 ☐ 6223973 ☐		_____ mS @ 25 °C		
☐ PID	ppm		MinRAE 2000			open air zero _____ ppm Iso. Gas		MIBK response factor = 1.0
☒ Dissolved Oxygen	ppm	9:47 am	HACH Model HQ30d	171932597009 ☐ 100500041867 ☒ 22293299821 ☐	MTK	100% Satuartion	100%	Slope 93.3%
☐ Particulate meter	mg/m ³					zero air		
☐ Radiation Meter	uR/H					background area		

ADDITIONAL REMARKS:

PREPARED BY:

DATE:



GROUNDWATER FIELD FORM

Project Name: Oregon Road

Date: 7/18/24

Location: Olean, NY

Project No.: 4343.0001B000

Field Team:

Well No. MW-7		Diameter (inches): 2"		Sample Date / Time: 11:47 pm 7/18/24					
Product Depth (ftTOR): —		Water Column (ft): 8.92		DTW when sampled: 17.61					
DTW (static) (ftTOR): 10.81		One Well Volume (gal): 1.46		Purpose: ☐ Development ☐ Sample ☒ Purge & Sample					
Total Depth (ftTOR): 19.73'		Total Volume Purged (gal): 3.50		Purge Method: Low Flow					
Time	Water Level (ftTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
11:17	0 Initial	.25	5.84	15.8	385.1	71000	.98	51	to 1000 / no odor
11:20	1 13.65	1.00	5.75	15.8	375.5	71000	1.16	83	" "
11:26	2 14.7	1.50	5.53	15.3	391.9	129	1.31	120	5L turbid "
11:28	3 15.7	1.75	5.53	14.5	396.6	63	1.18	120	" "
11:30	4 16.12	2.00	5.52	14.8	392.8	96	1.26	96	" "
11:35	5 16.38	2.50	5.56	16.3	393.1	99	1.40	98	5L turbid / no odor
6									
7									
8									
9									
10									
Sample Information:									
11:37	S1 16.40	2.75	5.60	15.7	394.8	109	2.31	90	" "
11:47	S2 Below	3.25	5.64	14.9	393.0	69	2.39	94	" "

Pump

Well No. MW-8		Diameter (inches): 2"		Sample Date / Time: 7/18/24 @ 10:39 am					
Product Depth (ftTOR): —		Water Column (ft): 16.20		DTW when sampled: 7.03					
DTW (static) (ftTOR): 1.90		One Well Volume (gal): 2.64		Purpose: ☐ Development ☐ Sample ☒ Purge & Sample					
Total Depth (ftTOR): 18.10'		Total Volume Purged (gal): 3.25		Purge Method: Low Flow					
Time	Water Level (ftTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
10:07	0 Initial	.25	6.78	15.9	1415	71000	1.07	-235	Turbid / no odor
10:12	1 5.55	.75	6.42	14.9	1103	71000	.45	-100	Turbid / no odor
10:16	2 5.75	1	6.41	15.3	1111	71000	.78	-93	" "
10:19	3 5.46	1.25	6.40	15.6	1100	71000	1.09	-100	" "
10:22	4 5.71	1.50	6.39	16.1	1107	71000	.72	-101	" "
10:25	5 6.70	1.75	6.38	14.7	1107	71000	.68	-104	" "
10:29	6								
7									
8									
9									
10									
Sample Information:									
10:29	S1 7.03	2.00	6.40	16.7	1092	71000	1.06	-92	" "
10:43	S2 8.02	3.25	6.39	12.1	1078	71000	.98	-142	" "

REMARKS: Blind dup. taken @ 8:00 am MW-8

MS/MSD (VOCs/SVOCs) MW-13

MS/MSD (PFAS) MW-16

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY:



GROUNDWATER FIELD FORM

Project Name: Oregon Road

Date: 7/18/24

Location: Olean, NY

Project No.: 4343.0001B000

Field Team: MTF + TS/B

Well No. MW-9			Diameter (inches): 2"			Sample Date / Time: 7/18/24 @ 12:39			
Product Depth (ftTOR):			Water Column (ft): 11.33			DTW when sampled: 8.02			
DTW (static) (ftTOR): 5.74			One Well Volume (gal): 1.85			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (ftTOR): 17.07			Total Volume Purged (gal): 5.50			Purge Method: Low Flow			
Time	Water Level (ftTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
12:17	0 Initial	.5	6.30	16.2	528.3	60	1.85	-31	sl turbid / no odor
12:21	1 7.19	1.50	6.42	15.7	530.6	44	1.27	-44	clear / no odor
12:23	2 7.45	1.75	6.41	16.2	529.3	51	1.01	-42	" "
12:27	3 7.78	3.00	6.42	16.7	529.1	24	1.02	-46	" "
12:30	4 8.91	3.50	6.43	16.9	531.6	12	.93	-46	" "
12:32	5 8.90	4.00	6.43	15.9	533.1	11	.84	-44	" "
	6								
	7								
	8								
	9								
	10								
Sample Information:									
12:35	S1 8.01	4.50	6.42	16.0	533.4	12	.99	-42	" "
12:42	S2 8.04	5.25	6.44	15.9	532.4	15	1.03	-42	" "

Well No. MW-2 MW-5			Diameter (inches): 2"			Sample Date / Time: 7/19/24 @ 5:04 pm			
Product Depth (ftTOR):			Water Column (ft): 4.17			DTW when sampled: 16.78			
DTW (static) (ftTOR): 16.81 14.20			One Well Volume (gal): .68			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (ftTOR): 16.81 18.37			Total Volume Purged (gal): 5.00			Purge Method: Low Flow			
Time	Water Level (ftTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
4:47	0 Initial	0.0	6.45	16.0	582.0	>1000	1.54	-84	Turbid / no odor
4:49	1 16.14	1.25	6.14	14.6	533.6	153	1.73	-38	clear / no odor
4:52	2 15.04	1.50	6.13	14.7	527.4	47	1.77	-42	clear / no odor
4:56	3 15.38	2.75	6.14	14.8	529.6	23	1.54	-34	clear / no odor
5:00	4 15.53	3.25	6.14	13.8	531.6	19	1.39	-23	clear / no odor
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
5:03	S1 15.61	4.00	6.13	13.8	538.7	24	1.44	-23	clear / no odor
5:07	S2 16.78 16.78	5.00	6.12	13.8	535.1	19	1.50	-28	clear / no odor

REMARKS:

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

Note: All water level measurements are in feet, distance from top of riser.

PREPARED BY:



GROUNDWATER FIELD FORM

Project Name: Oregon Road

Date: 7/18/24

Location: Olean, NY

Project No.: 4343.0001B000

Field Team: MIF R5B

Well No. MW-2R			Diameter (inches): 2"			Sample Date / Time: 7/18/24 @ 1:27 pm			
Product Depth (fbTOR):			Water Column (ft): 11.27			DTW when sampled: 9.44			
DTW (static) (fbTOR): 6.91			One Well Volume (gal): 1.84			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 18.18			Total Volume Purged (gal): 4.50			Purge Method: Low Flow			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
12:59	0 Initial	.25	6.68	16.9	663.0	448	.86	-76	SL turbid / no odor
1:06	1 7.96	.75	6.67	15.8	675.2	184	.94	-82	SL turbid / no odor
1:09	2 8.13	1.00	6.66	16.3	653.3	249	.89	-79	SL turbid / no odor
1:12	3 9.75	2.00	6.59	15.9	664.3	129	1.04	-80	SL turbid / no odor
1:15	4 9.14	2.25	6.57	15.9	665.0	136	1.16	-78	" "
1:17	5 9.29	2.50	6.57	16.1	644.4	102	1.49	-75	" "
1:20	6 9.30	3.00	6.57	15.5	652.9	96	1.31	-72	" "
4:23	7								
	8								
	9								
	10								
Sample Information:									
1:23	S1 9.34	3.25	6.57	15.5	662.8	44	1.25	-76	clear / no odor
1:30	S2 9.39	4.00	6.62	15.2	665.1	47	1.23	-74	" "

Well No. MW-12			Diameter (inches): 2"			Sample Date / Time: 7/18/24 @ 3:50			
Product Depth (fbTOR):			Water Column (ft): 4.42			DTW when sampled: 16.53			
DTW (static) (fbTOR): 15.31			One Well Volume (gal): .72			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 19.37			Total Volume Purged (gal): 2.5			Purge Method: Bailer			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
3:31	0 Initial	.25	6.48	16.3	701.8	45	1.81	-101	clear / no odor
3:34	1 16.49	.50	6.28	15.1	684.4	48	1.79	-47	SL turbid / no odor
3:38	2 16.58	1.00	6.63	15.0	702.1	7100	1.45	-46	" "
3:44	3 16.50	1.50	6.63	14.8	711.8	7100	1.56	-43	" "
	4 16.53	2.00		14.6	715.4	7100		-20	
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
3:49	S1 16.53	2.00	6.58	14.0	713.9	7100	1.57	-20	" "
3:56	S2 16.82	2.50	6.56	14.2	719.6	7100	1.48	-18	" "

Stabilization Criteria

REMARKS: BD-2 done MW-12 PFA'S @ 8:00

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

Note: All water level measurements are in feet, distance from top of riser.

PREPARED BY:



GROUNDWATER FIELD FORM

Project Name: Oregon Road

Date: 7/18/24

Location: Olean, NY

Project No.: 4343.0001B000

Field Team: MRF & TSB

Well No. MW-13		Diameter (inches): 2"		Sample Date / Time: 7/18/24 @ 3:12					
Product Depth (ftTOR): —		Water Column (ft): 17.00		DTW when sampled:					
DTW (static) (ftTOR): 3.39		One Well Volume (gal): 2.77		Purpose: ☐ Development ☐ Sample ☒ Purge & Sample					
Total Depth (ftTOR): 20.34 20.34		Total Volume Purged (gal): 5.00		Purge Method: Low Flow					
Time	Water Level (ftTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
2:47	0 Initial	.25	7.51	17.3	466.1	70	1.68	-74	Turbid / sulfur
2:50	1 4.39	.75	7.57	18.0	469.7	110	1.51	-116	Turbid / no odor
2:54	2 5.22	1.00	7.58	16.0	470.0	117	1.48	-117	" "
2:57	3 6.32	1.25	7.58	15.3	474.4	118	2.02	-120	SL turbid / no odor
3:01	4 8.48	2.00	7.56	16.2	477.7	57	1.48	-128	" "
3:04	5 11.26	3.00	7.58	16.8	472.3	62	1.86	-134	" "
	6								
	7								
	8								
	9								
	10								
Sample Information:									
3:08	S1 13.39	3.50	7.59	16.9	488.7	90	1.04	-135	SL turbid / no odor
3:14	S2 14.45	4.75	7.53	16.2	488.4	98	1.04	-114	SL turbid / no odor

Well No. MW-15		Diameter (inches): 2"		Sample Date / Time: 7/18/24 @ 4:15					
Product Depth (ftTOR): —		Water Column (ft): 1.02		DTW when sampled: 16.97					
DTW (static) (ftTOR): 17.05		One Well Volume (gal): .17		Purpose: ☐ Development ☐ Sample ☒ Purge & Sample					
Total Depth (ftTOR): 18.07		Total Volume Purged (gal): .5		Purge Method: Low Flow					
Time	Water Level (ftTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
2:02	0 Initial	.10	6.48	14.7	850.2	48	1.38	-75	Clear / no odor
2:12	1 dry	.25							
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
4:15	S1 16.97	.10	6.50	15.8	841.7	70	1.48	-75	SL turbid / no odor
4:17	S2 dry								

REMARKS: MS/MSD done @ MW-13

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

Note: All water level measurements are in feet, distance from top of riser.

PREPARED BY:



GROUNDWATER FIELD FOR.

Project Name: Oregon Rd

Date: 7/18/24

Location: Olean, NY

Project No.: 4343.0001B000

Field Team: MTF & TSB

Well No. MW-16			Diameter (inches): 2"			Sample Date / Time: 7/18/24 4:26 p.m.			
Product Depth (fbTOR):			Water Column (ft): 7.72			DTW when sampled: 12.46			
DTW (static) (fbTOR): 12.40			One Well Volume (gal): 1.26			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (fbTOR): 20.12			Total Volume Purged (gal): 2.75			Purge Method: Bailer			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
4:09	0 Initial	0.0	6.99	18.1	1586	190	0.93	-81	Turbid/no odor
4:12	1 12.42	0.5	6.96	20.6	1015	>1000	0.89	-72	Turbid/no odor
4:15	2 13.44	1.0	6.75	20.4	1041	657	1.90	-64	Turbid/no odor
4:19	3 12.44	1.5	6.71	19.3	1080	629	1.95	-57	Turbid/no odor
4:22	4 12.50	2.0	6.73	18.3	1162	700	1.75	-58	Turbid/no odor
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
4:25	S1 12.46	2.25	6.65	17.3	1190	645	1.74	-61	turbid/no odor
4:33	S2 12.50	2.75	6.62	17.2	1181	690	1.63	-57	turbid/no odor

Well No.			Diameter (inches):			Sample Date / Time:			
Product Depth (fbTOR):			Water Column (ft):			DTW when sampled:			
DTW (static) (fbTOR):			One Well Volume (gal):			Purpose: ☐ Development ☐ Sample ☐ Purge & Sample			
Total Depth (fbTOR):			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (fbTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
	0 Initial								
	1								
	2								
	3								
	4								
	5								
	6								
	7								
	8								
	9								
	10								
Sample Information:									
	S1								
	S2								

REMARKS:

MS/MSD done PFAS MW-16

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

PREPARED BY:

Project Name: OREGON ROAD SITE

Date: 1-8-25 & 1-9-25

Location: OLEAN, NY

Project No.:

Field Team: TSD

Well No. MW2R			Diameter (inches): 2"			Sample Date / Time: 1/9/25				
Product Depth (ftTOR): N/A			Water Column (ft): 12.11			DTW when sampled: 12.45				
DTW (static) (ftTOR): 6.07			One Well Volume (gal): 2.00			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample				
Total Depth (ftTOR): 18.18			Total Volume Purged (gal): 7.25			Purge Method: Low flow				
Time	Water Level (ftTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor	
1325	Initial	0.00	6.28	5.8	808.3	719	2.48	125	TURBID NO ODOR	
1330	8.37	.25	6.79	7.7	667.1	114	3.87	21	CLEAR	
1335	8.96	2.00	6.79	7.8	653.4	48.1	3.63	-16	"	
1339	10.15	3.25	6.87	7.3	660.5	19.9	2.72	-28	"	
1344	10.58	4.5	6.86	7.0	592.1	15.1	3.00	-32	UNCLEAR	
5										
6										
7										
8										
9										
10										
Sample Information:										
1347	S1	12.45	6.5	7.08	6.5	615.9	25.4	2.34	-34	CLEAR
1400	S2	13.51	7.5	7.4	600.1	33.3	3.21	-30	CLEAR	

Well No. MW-12			Diameter (inches): 2"			Sample Date / Time: 1/8/25				
Product Depth (ftTOR): N/A			Water Column (ft): 3.45			DTW when sampled: 16.14				
DTW (static) (ftTOR): 15.92			One Well Volume (gal): .56			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample				
Total Depth (ftTOR): 19.37			Total Volume Purged (gal): 7.0			Purge Method: Low flow				
Time	Water Level (ftTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor	
1125	Initial	0.00	7.23	9.3	501.7	16.4	3.66	-7	CLEAR NO ODOR	
1130	16.11	1.25	6.92	9.5	626.8	793	1.84	-7	"	
1145	16.07	2.75	6.83	10.1	608.2	5.52	2.62	17	"	
1148	16.11	3.00	6.78	10.1	627.2	4.67	1.46	16	"	
1153	16.16	4.00	6.73	10.8	618.2	5.16	1.76	15	"	
5										
6										
7										
8										
9										
10										
Sample Information:										
1155	S1	16.14	5.5	6.71	10.7	635.3	4.66	1.65	14	"
1204	S2	16.09	7.0	6.85	9.8	629.5	5.19	1.9	14	"

REMARKS:

2.28

Volume Calculation	
Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria	
Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

Note: All water level measurements are in feet, distance from top of riser.

PREPARED BY: [Signature]

Project Name: **OREGON ROAD SITE**
 Location: **OLEAN, NY** Project No.:

Date: **1-8-25 AND 1-9-25**
 Field Team: **TSB**

Well No. MW13		Diameter (inches): 2"		Sample Date / Time: 1/8/24					
Product Depth (ftTOR): N/A		Water Column (ft): 14.67		DTW when sampled: 12.88					
DTW (static) (ftTOR): 5.72		One Well Volume (gal): 2.39		Purpose: ☐ Development ☐ Sample ☒ Purge & Sample					
Total Depth (ftTOR): 20.39		Total Volume Purged (gal): 4.5		Purge Method: Low Flow					
Time	Water Level (ftTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
12:40	0 Initial	0.0	6.18	6.0	522.9	>1000	2.73	19	DARK, SULFUR ODOR
12:41	1 9.41	1.0	6.56	6.4	515.9	26.8	2.18	-33	SUBTLY CLEAR
12:43	2 10.61	1.50	6.99	8.0	519.2	27.4	2.30	-34	11
12:47	3 11.08	2.0	7.18	8.5	515.8	27.7	2.51	-49	11
12:52	4 11.65	3.00	7.19	8.2	502.1	24.2	2.38	-39	11
5									
6									
7									
8									
9									
10									

Sample Information:

12:59	S1	12.88	3.75	7.23	8.7	448.8	16.3	2.01	-27	11
13:05	S2	14.38	4.5	7.42	8.5	436.6	30.2	1.42	-70	11

Well No. MW-15		Diameter (inches): 2"		Sample Date / Time: 1/9/24					
Product Depth (ftTOR): N/A		Water Column (ft): 15.34		DTW when sampled: 16.42					
DTW (static) (ftTOR): 10.08		One Well Volume (gal): 2.4		Purpose: ☐ Development ☐ Sample ☒ Purge & Sample					
Total Depth (ftTOR): 15.34		Total Volume Purged (gal): 1.25		Purge Method: BAILER					
Time	Water Level (ftTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
9:00	0 Initial	0.0	7.28	8.0	846.1	123	2.32	-136	CLEAR W/ SO
9:19	1 16.23	0.85	6.81	4.1	775.2	137	2.74	-174	11
9:24	2 DRY	1.25							11
3									
4									
5									
6									
7									
8									
9									
10									

Sample Information:

9:40	S1	16.42	1.25	6.04	5.8	891.4	90.9		-39	11
	S2									

REMARKS:

Note: All water level measurements are in feet, distance from top of riser.

Stabilization Criteria

Volume Calculation	
Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

GROUNDWATER FIELD FORM

Project Name: OREGON ROAD SITE

Location:  CLEAN, NY

Project No.:

Date: 1-8-25 AND 1-9-25

Field Team: TSB

[illegible]

Well No. 1 W8		Diameter (inches): 2"		Sample Date / Time: 1/8/2015 + 1/9/25					
Product Depth (ftTOR): —		Water Column (ft): 17.5		DTW when sampled: 3.92 (1-9-25)					
DTW (static) (ftTOR): 1.6		One Well Volume (gal): 2.25		Purpose: ☐ Development ☐ Sample ☒ Purge & Sample					
Total Depth (ftTOR): 18.10		Total Volume Purged (gal): 6.5		Purge Method: Low Flow (1-8-25) - BAILEY (1-9-25)					
Time	Water Level (ftTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
430	Initial	0	6.16	7.6	1105	76.9	1.94	-80	Slightly turbid
437	4.87	1.25	6.58	7.2	1086	77.9	1.22	-115	11
442	9.43	2.75	6.57	6.9	1050	380	1.32	-111	11
446	11.82	3.5	6.55	6.9	1080	723	1.04	-106	11
451	12.02	4.25	6.60	7.7	1033	>1000	2.69	-106	11
456	13.52	5.25	6.63	8.3	902	>1000	2.43	-104	11
459	14.51				1097 ↑				
459	3.51	0.00	6.61	6.8	1081	21.2	#	-17	11
459	3.92	0.00	6.63	6.6	1006	17.4	#	-20	11
459									
Sample Information:									
S1	N/A	6.60	7.1	1056	>1000			-98	N
S2	DRY	DRY							

REMARKS:

NOTE: FOR MW-8, WELL WENT DRY ON 1-8-25
SAMPLES WERE TAKEN ON MW 1-9-25.
PRE AND POST SAMPLE.

Note: All water level measurements are in feet, distance from top of riser.

PARAMETERS ARE IN HIGHLIGHTED

CELLS.

PREPARED BY: *Yoon, B.*

ORIGINAL

NOTE: # - DO METER RAN OUT OF BATTERY POWER END OF DAY 1-4-25.

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

Project Name: OREGON ROAD SITE

Date: 1-9-25

Location: OLEAN, NY

Project No.:

Field Team: TS3

Well No. MW4			Diameter (inches): 2"			Sample Date / Time: 1/9/25			
Product Depth (ftTOR): N/A			Water Column (ft): 12.03			DTW when sampled: 7.22			
DTW (static) (ftTOR): 5.04			One Well Volume (gal): 182.00			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (ftTOR): 17.07			Total Volume Purged (gal): 7.75			Purge Method: Low flow			
Time	Water Level (ftTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
11:42	Initial	0.00	6.13	4.3	338.7	22.1	2.03	100	SLIGHTLY
11:49	7.01	1.50	6.53	6.1	555.9	12.9	3.23	52	"
11:54	7.06	2.50	6.58	5.7	551.2	27.9	4.17	79	"
11:59	6.84	3.5	6.60	6.5	556.3	10.2	3.10	112	"
12:02	7.12	4.25	6.70	6.5	554.3	8.99	2.87	-8	"
12:08									
Sample Information:									
12:06	S1	7.22	4.75	6.68	6.2	553.9	7.78	2.74	11
12:15	S2	7.48	7.75	6.62	6.1	517.2	6.89	2.64	11

SLIGHTLY
SULFUR
ODOR
↑
OK 1/10

↑ -4

Well No. MW5			Diameter (inches): 2"			Sample Date / Time: 1/9/25			
Product Depth (ftTOR): N/A			Water Column (ft): 4.50			DTW when sampled: 14.76			
DTW (static) (ftTOR): 13.87			One Well Volume (gal): 2.75			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (ftTOR): 18.37			Total Volume Purged (gal): 2.25			Purge Method: Low flow BAILER			
Time	Water Level (ftTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
0:00	Initial	0.00	6.01	7.3	510.2	33.3	2.64	145	CLEAR NO ODOR
2:50	14.18	0.25	6.05	8.4	527.6	10.9	1.94	88	CLEAR W/ LARGE
3:00	14.21	0.75	6.07	9.4	495.1	14.1	2.44	71	"
3:05	14.47	1.25	6.13	8.7	494.3	15.8	2.41	55	"
3:09	14.70	2.25	6.03	8.6	504.3	16.9	2.77	57	
		2.25							
Sample Information:									
3:13	S1	14.76	2.25	6.01	8.5	544.2	16.3	2.15	48
3:23	S2	14.23	2.25	6.04	7.9	513.8	16.9	1.73	47

DEBRIS
← 88°
C
Turbidity
5169
NTU

REMARKS:

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV

Note: All water level measurements are in feet, distance from top of riser.

PREPARED BY: *ANB*



GROUNDWATER FIELD FORM

Project Name: OREGON ROAD SITE

Date: 1-9-25

Location: OLEAN, NY

Project No.:

Field Team: TSB

Well No. MW16			Diameter (inches): 2"			Sample Date / Time: 1/9/25			
Product Depth (ftTOR):			Water Column (ft): 8.13			DTW when sampled: 12.12			
DTW (static) (ftTOR): 11.99			One Well Volume (gal): 1.32			Purpose: ☐ Development ☐ Sample ☒ Purge & Sample			
Total Depth (ftTOR): 20.12			Total Volume Purged (gal): ~10			Purge Method: Low Flow			
Time	Water Level (ftTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
3:58 PM	Initial	0.00	7.17	7.3	811.4	21000	*	28	TURBID NO OAP
4:06	12.07	0.75	7.08	6.85	781.3	398	2.36	5	LESS TURBID
4:11	12.05	2.25	6.75	10.15	750.2	99.1	2.25	-3	CLEAR
4:14	12.14	3.5	6.73	10.3	741	62.4	*	-6	h
4:18	12.13	4.5	6.69	10.5	711.6	31.0	*	-3	h
4:22	12.12	6.5	6.70	8.1	716.1	29.9	*	0	h
6									
7									
8									
9									
10									
Sample Information:									
4:26	S1 12.12	6.5	6.71	7.2	720.6	27.2	2.09	2	h
4:33	S2 12.16	~10	6.73	9.6	692.3	17.4	2.38	1	N

Well No.			Diameter (inches):			Sample Date / Time:			
Product Depth (ftTOR):			Water Column (ft):			DTW when sampled:			
DTW (static) (ftTOR):			One Well Volume (gal):			Purpose: ☐ Development ☐ Sample ☐ Purge & Sample			
Total Depth (ftTOR):			Total Volume Purged (gal):			Purge Method:			
Time	Water Level (ftTOR)	Acc. Volume (gallons)	pH (units)	Temp. (deg. C)	SC (uS)	Turbidity (NTU)	DO (mg/L)	ORP (mV)	Appearance & Odor
0	Initial								
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
Sample Information:									
S1									
S2									

REMARKS: * DO METER ERROR -
RE-CALIBRATED / RESET
WORKED INTERMITTENTLY -
SUSPECTED LOW BATTERY

Note: All water level measurements are in feet, distance from top of riser.

Volume Calculation

Diam.	Vol. (g/ft)
1"	0.041
2"	0.163
4"	0.653
6"	1.469

Stabilization Criteria

Parameter	Criteria
pH	± 0.1 unit
SC	± 3%
Turbidity	± 10%
DO	± 0.3 mg/L
ORP	± 10 mV



ANALYTICAL REPORT

Lab Number:	L2440892
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Lori Riker
Phone:	(716) 856-0599
Project Name:	OREGON RD
Project Number:	4343.0001B000
Report Date:	08/01/24

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2440892-01	MW-2R	WATER	OLEAN, NY	07/18/24 13:27	07/19/24
L2440892-02	MW-5	WATER	OLEAN, NY	07/18/24 17:04	07/19/24
L2440892-03	MW-7	WATER	OLEAN, NY	07/18/24 11:47	07/19/24
L2440892-04	MW-8	WATER	OLEAN, NY	07/18/24 10:39	07/19/24
L2440892-05	MW-9	WATER	OLEAN, NY	07/18/24 12:39	07/19/24
L2440892-06	MW-12	WATER	OLEAN, NY	07/18/24 15:50	07/19/24
L2440892-07	MW-13	WATER	OLEAN, NY	07/18/24 15:12	07/19/24
L2440892-08	MW-15	WATER	OLEAN, NY	07/18/24 16:15	07/19/24
L2440892-09	MW-16	WATER	OLEAN, NY	07/18/24 16:26	07/19/24
L2440892-10	BD-1	WATER	OLEAN, NY	07/18/24 08:01	07/19/24
L2440892-11	BD-2	WATER	OLEAN, NY	07/18/24 08:00	07/19/24
L2440892-12	MW-13	WATER	OLEAN, NY	07/18/24 15:12	07/19/24
L2440892-14	TRIP BLANK	WATER	OLEAN, NY	07/18/24 00:00	07/19/24

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: OREGON RD
Project Number: 4343.0001B000

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Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2440892-04: The collection date and time on the chain of custody was 18-JUL-24 10:39; however, the collection date/time on the container label was 18-JUL-24 12:39. At the client's request, the collection date/time is reported as 18-JUL-24 10:39.

L2440892-10: The sample identified as "BD-1" on the chain of custody was identified as "BD" on the container label. At the client's request, the sample is reported as "BD-1".

L2440892-11: The sample identified as "BD-2" on the chain of custody was identified as "BD" on the container label. At the client's request, the sample is reported as "BD-2".

L2440892-14: A sample identified as "TRIP BLANK" was received, but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

Semivolatile Organics by SIM

The WG1951558-1 Method Blank, associated with L2440892-09, has a concentration above the reporting limit for naphthalene. The sample was re-extracted with the method required holding time exceeded and both the sample and WG1953855-1 method blank were non-detect for this target compound. The results of both extractions are reported. The original sample result is reported with a "B" qualifier.

Perfluorinated Alkyl Acids by 1633

L2440892-06: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2440892-06 and -09: Extracted Internal Standard recoveries were outside the acceptance criteria for

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Case Narrative (continued)

individual analytes. Please refer to the surrogate section of the report for details.

L2440892-11: The sample has elevated detection limits due to the limited sample volume utilized during extraction, as required by the sample matrix.

The WG1951431-4/-5 MS/MSD recoveries, performed on L2440892-09, are outside the acceptance criteria for perfluorohexanesulfonic acid (pfhxs) (12%/0%) and perfluorooctanesulfonic acid (pfos) (MSD 0%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Kelly Stenstrom

Title: Technical Director/Representative

Date: 08/01/24

ORGANICS

VOLATILES

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-01
Client ID: MW-2R
Sample Location: OLEAN, NY

Date Collected: 07/18/24 13:27
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/24/24 14:58
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.46	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

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Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-01
Client ID: MW-2R
Sample Location: OLEAN, NY

Date Collected: 07/18/24 13:27
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	6.1	J	ug/l	10	0.40	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-01
Client ID: MW-2R
Sample Location: OLEAN, NY

Date Collected: 07/18/24 13:27
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	31.5	J	ug/l	1
Unknown Cycloalkane	5.83	J	ug/l	1
Unknown	1.87	J	ug/l	1
Unknown Aromatic	1.87	J	ug/l	1
Unknown Cycloalkane	3.84	J	ug/l	1
Butane, 2,3-Dimethyl-	2.30	NJ	ug/l	1
Cyclohexane, 1,1-dimethyl-	5.96	NJ	ug/l	1
Cyclopentane, 1,2,4-trimethyl-	2.56	NJ	ug/l	1
Pentane, 2,3-dimethyl-	2.71	NJ	ug/l	1
Unknown	2.32	J	ug/l	1
Unknown Cycloalkane	2.22	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	116		70-130

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-02
Client ID: MW-5
Sample Location: OLEAN, NY

Date Collected: 07/18/24 17:04
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/24/24 15:24
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.35	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-02
Client ID: MW-5
Sample Location: OLEAN, NY

Date Collected: 07/18/24 17:04
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	0.30	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	0.95	J	ug/l	10	0.40	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-02
Client ID: MW-5
Sample Location: OLEAN, NY

Date Collected: 07/18/24 17:04
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	5.06	J	ug/l	1
Unknown Alkane	1.94	J	ug/l	1
Pentane, 2,3-dimethyl-	1.20	NJ	ug/l	1
Unknown	1.92	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	114		70-130

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-03
Client ID: MW-7
Sample Location: OLEAN, NY

Date Collected: 07/18/24 11:47
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/24/24 15:50
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.51		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-03
Client ID: MW-7
Sample Location: OLEAN, NY

Date Collected: 07/18/24 11:47
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1
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Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-03
Client ID: MW-7
Sample Location: OLEAN, NY

Date Collected: 07/18/24 11:47
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	116		70-130

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-04
Client ID: MW-8
Sample Location: OLEAN, NY

Date Collected: 07/18/24 10:39
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/24/24 16:16
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.29	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-04
Client ID: MW-8
Sample Location: OLEAN, NY

Date Collected: 07/18/24 10:39
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1
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Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-04
 Client ID: MW-8
 Sample Location: OLEAN, NY

Date Collected: 07/18/24 10:39
 Date Received: 07/19/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	118		70-130

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-05
Client ID: MW-9
Sample Location: OLEAN, NY

Date Collected: 07/18/24 12:39
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/24/24 16:42
Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-05
Client ID: MW-9
Sample Location: OLEAN, NY

Date Collected: 07/18/24 12:39
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1
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Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-05
Client ID: MW-9
Sample Location: OLEAN, NY

Date Collected: 07/18/24 12:39
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	117		70-130

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-06
Client ID: MW-12
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:50
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/28/24 20:23
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-06
Client ID: MW-12
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:50
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.9	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1
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Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-06
 Client ID: MW-12
 Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:50
 Date Received: 07/19/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	112		70-130

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-07
Client ID: MW-13
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:12
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/28/24 19:58
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-07
Client ID: MW-13
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:12
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.0		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

Total TIC Compounds	2.95	J	ug/l	1
Unknown	1.34	J	ug/l	1
Unknown	1.61	J	ug/l	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-07
 Client ID: MW-13
 Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:12
 Date Received: 07/19/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	111		70-130

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-08
Client ID: MW-15
Sample Location: OLEAN, NY

Date Collected: 07/18/24 16:15
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/28/24 19:33
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.54		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-08
Client ID: MW-15
Sample Location: OLEAN, NY

Date Collected: 07/18/24 16:15
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	130		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	1.0	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	2.1	J	ug/l	10	0.40	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-08
Client ID: MW-15
Sample Location: OLEAN, NY

Date Collected: 07/18/24 16:15
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	5.62	J	ug/l	1
Unknown Cycloalkane	1.29	J	ug/l	1
Cyclohexane, 1,1-dimethyl-	1.79	NJ	ug/l	1
Unknown	1.17	J	ug/l	1
Unknown Cyclohexane	1.37	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	111		70-130

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-09
Client ID: MW-16
Sample Location: OLEAN, NY

Date Collected: 07/18/24 16:26
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/28/24 19:07
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-09
Client ID: MW-16
Sample Location: OLEAN, NY

Date Collected: 07/18/24 16:26
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1
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Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-09
Client ID: MW-16
Sample Location: OLEAN, NY

Date Collected: 07/18/24 16:26
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	113		70-130

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-10
Client ID: BD-1
Sample Location: OLEAN, NY

Date Collected: 07/18/24 08:01
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/28/24 18:42
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	0.22	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-10
Client ID: BD-1
Sample Location: OLEAN, NY

Date Collected: 07/18/24 08:01
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

Total TIC Compounds	1.73	J	ug/l	1
Unknown	1.73	J	ug/l	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-10
Client ID: BD-1
Sample Location: OLEAN, NY

Date Collected: 07/18/24 08:01
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	110		70-130

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-12
Client ID: MW-13
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:12
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/28/24 18:16
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-12
Client ID: MW-13
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:12
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

Total TIC Compounds	5.01	J	ug/l	1
Unknown	2.45	J	ug/l	1
Unknown	2.56	J	ug/l	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-12
Client ID: MW-13
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:12
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	113		70-130

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-14
Client ID: TRIP BLANK
Sample Location: OLEAN, NY

Date Collected: 07/18/24 00:00
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 07/28/24 17:51
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-14
Client ID: TRIP BLANK
Sample Location: OLEAN, NY

Date Collected: 07/18/24 00:00
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1
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Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-14
Client ID: TRIP BLANK
Sample Location: OLEAN, NY

Date Collected: 07/18/24 00:00
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	109		70-130

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 07/24/24 08:24
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1951232-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/24/24 08:24
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1951232-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/24/24 08:24
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1951232-5					

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	117		70-130

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 07/28/24 17:25
 Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-10,12,14 Batch: WG1952794-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/28/24 17:25
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-10,12,14 Batch: WG1952794-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/28/24 17:25
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06-10,12,14 Batch: WG1952794-5					

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	108		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1951232-3 WG1951232-4								
Methylene chloride	110		110		70-130	0		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	110		110		70-130	0		20
Carbon tetrachloride	120		120		63-132	0		20
1,2-Dichloropropane	99		99		70-130	0		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	100		100		70-130	0		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	110		110		75-130	0		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	97		99		70-130	2		20
1,1,1-Trichloroethane	120		110		67-130	9		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	89		89		70-130	0		20
cis-1,3-Dichloropropene	98		100		70-130	2		20
Bromoform	88		92		54-136	4		20
1,1,2,2-Tetrachloroethane	100		110		67-130	10		20
Benzene	110		110		70-130	0		20
Toluene	110		110		70-130	0		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	81		80		64-130	1		20
Bromomethane	48		52		39-139	8		20
Vinyl chloride	100		100		55-140	0		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1951232-3 WG1951232-4								
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	120		120		70-130	0		20
Trichloroethene	110		110		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	98		100		63-130	2		20
p/m-Xylene	110		110		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	120		120		70-130	0		20
Styrene	110		110		70-130	0		20
Dichlorodifluoromethane	79		78		36-147	1		20
Acetone	82		77		58-148	6		20
Carbon disulfide	100		98		51-130	2		20
2-Butanone	94		99		63-138	5		20
4-Methyl-2-pentanone	68		68		59-130	0		20
2-Hexanone	60		60		57-130	0		20
Bromochloromethane	120		120		70-130	0		20
1,2-Dibromoethane	100		100		70-130	0		20
n-Butylbenzene	100		110		53-136	10		20
sec-Butylbenzene	110		110		70-130	0		20
1,2-Dibromo-3-chloropropane	73		77		41-144	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1951232-3 WG1951232-4								
Isopropylbenzene	110		110		70-130	0		20
p-Isopropyltoluene	110		110		70-130	0		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	68	Q	80		70-130	16		20
1,2,4-Trichlorobenzene	79		86		70-130	8		20
1,3,5-Trimethylbenzene	110		110		64-130	0		20
1,2,4-Trimethylbenzene	100		110		70-130	10		20
Methyl Acetate	96		100		70-130	4		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	134		128		56-162	5		20
Freon-113	110		100		70-130	10		20
Methyl cyclohexane	120		120		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		97		70-130
Toluene-d8	104		104		70-130
4-Bromofluorobenzene	103		102		70-130
Dibromofluoromethane	116		115		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-10,12,14 Batch: WG1952794-3 WG1952794-4								
Methylene chloride	85		84		70-130	1		20
1,1-Dichloroethane	86		83		70-130	4		20
Chloroform	90		88		70-130	2		20
Carbon tetrachloride	91		87		63-132	4		20
1,2-Dichloropropane	84		82		70-130	2		20
Dibromochloromethane	91		89		63-130	2		20
1,1,2-Trichloroethane	91		89		70-130	2		20
Tetrachloroethene	94		93		70-130	1		20
Chlorobenzene	94		91		75-130	3		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	88		87		70-130	1		20
1,1,1-Trichloroethane	93		91		67-130	2		20
Bromodichloromethane	90		86		67-130	5		20
trans-1,3-Dichloropropene	84		81		70-130	4		20
cis-1,3-Dichloropropene	83		81		70-130	2		20
Bromoform	73		77		54-136	5		20
1,1,2,2-Tetrachloroethane	79		81		67-130	3		20
Benzene	89		87		70-130	2		20
Toluene	88		86		70-130	2		20
Ethylbenzene	90		85		70-130	6		20
Chloromethane	79		78		64-130	1		20
Bromomethane	81		80		39-139	1		20
Vinyl chloride	94		90		55-140	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-10,12,14 Batch: WG1952794-3 WG1952794-4								
Chloroethane	140	Q	130		55-138	7		20
1,1-Dichloroethene	120		110		61-145	9		20
trans-1,2-Dichloroethene	91		86		70-130	6		20
Trichloroethene	89		86		70-130	3		20
1,2-Dichlorobenzene	89		88		70-130	1		20
1,3-Dichlorobenzene	90		90		70-130	0		20
1,4-Dichlorobenzene	88		89		70-130	1		20
Methyl tert butyl ether	82		83		63-130	1		20
p/m-Xylene	95		90		70-130	5		20
o-Xylene	95		90		70-130	5		20
cis-1,2-Dichloroethene	89		86		70-130	3		20
Styrene	90		85		70-130	6		20
Dichlorodifluoromethane	84		80		36-147	5		20
Acetone	82		99		58-148	19		20
Carbon disulfide	110		100		51-130	10		20
2-Butanone	94		93		63-138	1		20
4-Methyl-2-pentanone	73		74		59-130	1		20
2-Hexanone	78		83		57-130	6		20
Bromochloromethane	94		95		70-130	1		20
1,2-Dibromoethane	91		88		70-130	3		20
n-Butylbenzene	84		82		53-136	2		20
sec-Butylbenzene	88		86		70-130	2		20
1,2-Dibromo-3-chloropropane	80		79		41-144	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-10,12,14 Batch: WG1952794-3 WG1952794-4								
Isopropylbenzene	81		81		70-130	0		20
p-Isopropyltoluene	86		84		70-130	2		20
n-Propylbenzene	84		82		69-130	2		20
1,2,3-Trichlorobenzene	85		85		70-130	0		20
1,2,4-Trichlorobenzene	83		82		70-130	1		20
1,3,5-Trimethylbenzene	81		80		64-130	1		20
1,2,4-Trimethylbenzene	79		79		70-130	0		20
Methyl Acetate	85		88		70-130	3		20
Cyclohexane	85		82		70-130	4		20
1,4-Dioxane	78		82		56-162	5		20
Freon-113	120		120		70-130	0		20
Methyl cyclohexane	89		84		70-130	6		20

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		101		70-130
Toluene-d8	101		99		70-130
4-Bromofluorobenzene	83		84		70-130
Dibromofluoromethane	100		101		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-10,12,14 QC Batch ID: WG1952794-6 WG1952794-7 QC Sample: L2440892-07 Client ID: MW-13												
Methylene chloride	ND	10	9.2	92		8.5	85		70-130	8		20
1,1-Dichloroethane	ND	10	9.2	92		9.0	90		70-130	2		20
Chloroform	ND	10	9.9	99		9.5	95		70-130	4		20
Carbon tetrachloride	ND	10	10	100		9.6	96		63-132	4		20
1,2-Dichloropropane	ND	10	8.7	87		8.6	86		70-130	1		20
Dibromochloromethane	ND	10	9.0	90		9.0	90		63-130	0		20
1,1,2-Trichloroethane	ND	10	9.0	90		9.0	90		70-130	0		20
Tetrachloroethene	ND	10	10	100		9.8	98		70-130	2		20
Chlorobenzene	ND	10	9.7	97		9.5	95		75-130	2		20
Trichlorofluoromethane	ND	10	14	140		13	130		62-150	7		20
1,2-Dichloroethane	ND	10	9.2	92		8.9	89		70-130	3		20
1,1,1-Trichloroethane	ND	10	10	100		10	100		67-130	0		20
Bromodichloromethane	ND	10	9.4	94		9.1	91		67-130	3		20
trans-1,3-Dichloropropene	ND	10	8.1	81		7.8	78		70-130	4		20
cis-1,3-Dichloropropene	ND	10	7.4	74		7.3	73		70-130	1		20
Bromoform	ND	10	7.6	76		7.5	75		54-136	1		20
1,1,2,2-Tetrachloroethane	ND	10	7.9	79		7.8	78		67-130	1		20
Benzene	ND	10	9.6	96		9.4	94		70-130	2		20
Toluene	ND	10	9.4	94		9.2	92		70-130	2		20
Ethylbenzene	ND	10	9.3	93		9.0	90		70-130	3		20
Chloromethane	ND	10	7.8	78		8.2	82		64-130	5		20
Bromomethane	ND	10	5.0	50		5.8	58		39-139	15		20
Vinyl chloride	ND	10	10	100		10	100		55-140	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-10,12,14 QC Batch ID: WG1952794-6 WG1952794-7 QC Sample: L2440892-07 Client ID: MW-13												
Chloroethane	ND	10	19	190	Q	18	180	Q	55-138	5		20
1,1-Dichloroethene	ND	10	13	130		13	130		61-145	0		20
trans-1,2-Dichloroethene	ND	10	9.4	94		9.1	91		70-130	3		20
Trichloroethene	ND	10	10	100		9.5	95		70-130	5		20
1,2-Dichlorobenzene	ND	10	8.9	89		8.7	87		70-130	2		20
1,3-Dichlorobenzene	ND	10	9.0	90		8.9	89		70-130	1		20
1,4-Dichlorobenzene	ND	10	9.2	92		8.8	88		70-130	4		20
Methyl tert butyl ether	ND	10	7.8	78		7.8	78		63-130	0		20
p/m-Xylene	ND	20	20	100		19	95		70-130	5		20
o-Xylene	ND	20	19	95		19	95		70-130	0		20
cis-1,2-Dichloroethene	ND	10	9.4	94		9.2	92		70-130	2		20
Styrene	ND	20	19	95		18	90		70-130	5		20
Dichlorodifluoromethane	ND	10	9.2	92		9.0	90		36-147	2		20
Acetone	5.0	10	11	60		12	70		58-148	9		20
Carbon disulfide	ND	10	13	130		12	120		51-130	8		20
2-Butanone	ND	10	9.1	91		8.9	89		63-138	2		20
4-Methyl-2-pentanone	ND	10	6.9	69		6.8	68		59-130	1		20
2-Hexanone	ND	10	7.5	75		7.4	74		57-130	1		20
Bromochloromethane	ND	10	9.8	98		9.8	98		70-130	0		20
1,2-Dibromoethane	ND	10	9.1	91		8.1	81		70-130	12		20
n-Butylbenzene	ND	10	8.4	84		8.1	81		53-136	4		20
sec-Butylbenzene	ND	10	9.0	90		8.9	89		70-130	1		20
1,2-Dibromo-3-chloropropane	ND	10	7.6	76		7.2	72		41-144	5		20

Matrix Spike Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06-10,12,14 QC Batch ID: WG1952794-6 WG1952794-7 QC Sample: L2440892-07 Client ID: MW-13												
Isopropylbenzene	ND	10	8.4	84		8.4	84		70-130	0		20
p-Isopropyltoluene	ND	10	8.6	86		8.5	85		70-130	1		20
n-Propylbenzene	ND	10	8.6	86		8.4	84		69-130	2		20
1,2,3-Trichlorobenzene	ND	10	7.7	77		8.0	80		70-130	4		20
1,2,4-Trichlorobenzene	ND	10	7.5	75		7.5	75		70-130	0		20
1,3,5-Trimethylbenzene	ND	10	8.3	83		8.1	81		64-130	2		20
1,2,4-Trimethylbenzene	ND	10	8.1	81		7.8	78		70-130	4		20
Methyl Acetate	ND	10	8.0	80		8.1	81		70-130	1		20
Cyclohexane	ND	10	9.0J	90		8.7J	87		70-130	3		20
1,4-Dioxane	ND	500	370	74		380	76		56-162	3		20
Freon-113	ND	10	14	140	Q	13	130		70-130	7		20
Methyl cyclohexane	ND	10	9.2J	92		8.8J	88		70-130	4		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		102		70-130
4-Bromofluorobenzene	79		81		70-130
Dibromofluoromethane	103		102		70-130
Toluene-d8	102		99		70-130

SEMIVOLATILES

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-01
Client ID: MW-2R
Sample Location: OLEAN, NY

Date Collected: 07/18/24 13:27
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/30/24 17:28
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-01
Client ID: MW-2R
Sample Location: OLEAN, NY

Date Collected: 07/18/24 13:27
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds

Total TIC Compounds	5.10	J	ug/l	1
Unknown	5.10	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	17	Q	21-120
Phenol-d6	14		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	26		10-120
4-Terphenyl-d14	73		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-01
Client ID: MW-2R
Sample Location: OLEAN, NY

Date Collected: 07/18/24 13:27
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/30/24 14:36
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.08	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.11		ug/l	0.10	0.03	1
Phenanthrene	0.04	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.03	1
Pentachlorophenol	0.08	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-01
Client ID: MW-2R
Sample Location: OLEAN, NY

Date Collected: 07/18/24 13:27
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	17	Q	21-120
Phenol-d6	16		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	24		10-120
4-Terphenyl-d14	59		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-02
Client ID: MW-5
Sample Location: OLEAN, NY

Date Collected: 07/18/24 17:04
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/30/24 17:51
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-02
Client ID: MW-5
Sample Location: OLEAN, NY

Date Collected: 07/18/24 17:04
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	2.0	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds

Total TIC Compounds	17.9	J	ug/l	1
Unknown	8.20	J	ug/l	1
Unknown	4.60	J	ug/l	1
Unknown Organic Acid	5.10	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	14	Q	21-120
Phenol-d6	15		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	29		10-120
4-Terphenyl-d14	71		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-02
Client ID: MW-5
Sample Location: OLEAN, NY

Date Collected: 07/18/24 17:04
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/30/24 14:53
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	0.09	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-02
Client ID: MW-5
Sample Location: OLEAN, NY

Date Collected: 07/18/24 17:04
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	17	Q	21-120
Phenol-d6	17		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	28		10-120
4-Terphenyl-d14	61		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-03
Client ID: MW-7
Sample Location: OLEAN, NY

Date Collected: 07/18/24 11:47
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/30/24 18:14
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-03
Client ID: MW-7
Sample Location: OLEAN, NY

Date Collected: 07/18/24 11:47
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds

Total TIC Compounds	81.8	J	ug/l	1
Unknown	76.2	J	ug/l	1
Unknown	5.60	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	49		10-120
4-Terphenyl-d14	81		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-03
Client ID: MW-7
Sample Location: OLEAN, NY

Date Collected: 07/18/24 11:47
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/30/24 15:10
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	0.09	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-03
Client ID: MW-7
Sample Location: OLEAN, NY

Date Collected: 07/18/24 11:47
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	49		10-120
4-Terphenyl-d14	78		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-04
Client ID: MW-8
Sample Location: OLEAN, NY

Date Collected: 07/18/24 10:39
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/30/24 18:37
Analyst: EK

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-04
Client ID: MW-8
Sample Location: OLEAN, NY

Date Collected: 07/18/24 10:39
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds

Total TIC Compounds	12.8	J	ug/l	1
Unknown	8.10	J	ug/l	1
Unknown	4.70	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	10	Q	21-120
Phenol-d6	12		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	18		10-120
4-Terphenyl-d14	68		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-04
Client ID: MW-8
Sample Location: OLEAN, NY

Date Collected: 07/18/24 10:39
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/30/24 15:27
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	0.08	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-04
Client ID: MW-8
Sample Location: OLEAN, NY

Date Collected: 07/18/24 10:39
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	11	Q	21-120
Phenol-d6	13		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	18		10-120
4-Terphenyl-d14	63		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-05
Client ID: MW-9
Sample Location: OLEAN, NY

Date Collected: 07/18/24 12:39
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/30/24 18:59
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-05
Client ID: MW-9
Sample Location: OLEAN, NY

Date Collected: 07/18/24 12:39
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds

Total TIC Compounds	4.80	J	ug/l	1
Unknown	4.80	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	23		21-120
Phenol-d6	16		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	34		10-120
4-Terphenyl-d14	77		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-05
Client ID: MW-9
Sample Location: OLEAN, NY

Date Collected: 07/18/24 12:39
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/30/24 15:43
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	0.07	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-05
Client ID: MW-9
Sample Location: OLEAN, NY

Date Collected: 07/18/24 12:39
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	22		21-120
Phenol-d6	20		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	30		10-120
4-Terphenyl-d14	63		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-06
Client ID: MW-12
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:50
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/30/24 19:22
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-06
Client ID: MW-12
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:50
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds

Total TIC Compounds	33.5	J	ug/l	1
Unknown	18.7	J	ug/l	1
Unknown	9.60	J	ug/l	1
Unknown	5.20	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	43		10-120
4-Terphenyl-d14	44		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-06
Client ID: MW-12
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:50
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/30/24 16:00
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.03	1
Pentachlorophenol	0.08	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-06
Client ID: MW-12
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:50
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	22		21-120
Phenol-d6	20		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	49		15-120
2,4,6-Tribromophenol	28		10-120
4-Terphenyl-d14	35	Q	41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-06
Client ID: MW-12
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:50
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 144,1633
Analytical Date: 07/26/24 23:39
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 07/25/24 12:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	60.2		ng/l	6.01	0.962	1
Perfluoropentanoic Acid (PFPeA)	84.7		ng/l	3.01	0.804	1
Perfluorobutanesulfonic Acid (PFBS)	223		ng/l	1.50	0.504	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.01	1.57	1
Perfluorohexanoic Acid (PFHxA)	299		ng/l	1.50	0.443	1
Perfluoropentanesulfonic Acid (PFPeS)	207		ng/l	1.50	0.263	1
Perfluoroheptanoic Acid (PFHpA)	65.3		ng/l	1.50	0.301	1
Perfluorohexanesulfonic Acid (PFHxS)	1000	E	ng/l	1.50	0.361	1
Perfluorooctanoic Acid (PFOA)	115		ng/l	1.50	0.654	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.01	2.03	1
Perfluoroheptanesulfonic Acid (PFHpS)	31.9		ng/l	1.50	0.406	1
Perfluorononanoic Acid (PFNA)	0.601	JF	ng/l	1.50	0.474	1
Perfluorooctanesulfonic Acid (PFOS)	526	E	ng/l	1.50	0.684	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.50	0.609	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.01	2.34	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.50	0.466	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.50	0.819	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.50	0.654	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.50	0.346	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.50	0.406	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.50	0.812	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.50	0.692	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.50	0.564	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.50	0.398	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.01	0.842	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.01	0.947	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.50	0.571	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-06
Client ID: MW-12
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:50
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.01	1.24	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.01	1.24	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.50	0.654	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.50	0.692	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.0	3.53	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.0	1.84	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.01	0.428	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.01	0.398	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.01	0.331	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.01	1.77	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.52	2.48	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	37.6	8.79	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	37.6	5.93	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-06
Client ID: MW-12
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:50
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Surrogate	% Recovery			Qualifier	Acceptance Criteria	
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81				41-123	
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	80				29-123	
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	72				41-125	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	206				10-290	
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	75				40-121	
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	99				27-156	
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80				46-115	
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	72				39-121	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	337			Q	10-261	
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	82				38-114	
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	71				32-114	
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	75				28-115	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	205				10-213	
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	115				10-172	
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82				16-123	
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	59				14-108	
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	117				10-150	
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	84				10-126	
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	80				10-145	
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	89				35-142	
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	54				11-94	
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	55				11-97	
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	69				10-137	
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	72				10-130	

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-06 D
Client ID: MW-12
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:50
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 144,1633
Analytical Date: 07/28/24 12:58
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 07/25/24 12:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorohexanesulfonic Acid (PFHxS)	1010		ng/l	7.52	1.80	5
Perfluorooctanesulfonic Acid (PFOS)	622		ng/l	7.52	3.42	5
Surrogate	% Recovery		Qualifier	Acceptance Criteria		
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	63			46-115		
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	53			32-114		

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-07
Client ID: MW-13
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:12
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/30/24 19:45
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-07
Client ID: MW-13
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:12
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds

Total TIC Compounds	174	J	ug/l	1
Unknown	11.6	J	ug/l	1
Unknown	4.80	J	ug/l	1
Unknown Organic Acid	26.5	J	ug/l	1
Unknown	51.7	J	ug/l	1
Unknown	11.6	J	ug/l	1
Unknown	44.2	J	ug/l	1
Unknown Organic Acid	23.9	J	ug/l	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-07
Client ID: MW-13
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:12
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	88		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-07
Client ID: MW-13
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:12
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/30/24 17:07
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	0.08	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-07
Client ID: MW-13
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:12
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	34		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	55		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-08
Client ID: MW-15
Sample Location: OLEAN, NY

Date Collected: 07/18/24 16:15
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/30/24 18:18
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-08
Client ID: MW-15
Sample Location: OLEAN, NY

Date Collected: 07/18/24 16:15
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	2.7	J	ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-08
Client ID: MW-15
Sample Location: OLEAN, NY

Date Collected: 07/18/24 16:15
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	403	J	ug/l	1
Unknown Sterol	14.7	J	ug/l	1
Unknown	22.5	J	ug/l	1
Unknown Organic Acid	15.1	J	ug/l	1
Unknown Amide	8.50	J	ug/l	1
Unknown Sterol	94.7	J	ug/l	1
Unknown	21.1	J	ug/l	1
Unknown	44.5	J	ug/l	1
Unknown	56.0	J	ug/l	1
Unknown	13.5	J	ug/l	1
Unknown Organic Acid	25.5	J	ug/l	1
Unknown	20.3	J	ug/l	1
Unknown	30.2	J	ug/l	1
Unknown	10.5	J	ug/l	1
Unknown	12.1	J	ug/l	1
Unknown	13.3	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	24		21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	49		15-120
2,4,6-Tribromophenol	46		10-120
4-Terphenyl-d14	48		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-08
Client ID: MW-15
Sample Location: OLEAN, NY

Date Collected: 07/18/24 16:15
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/30/24 16:17
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	0.08	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-08
Client ID: MW-15
Sample Location: OLEAN, NY

Date Collected: 07/18/24 16:15
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	24		21-120
Phenol-d6	22		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	37		10-120
4-Terphenyl-d14	46		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-09
Client ID: MW-16
Sample Location: OLEAN, NY

Date Collected: 07/18/24 16:26
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/30/24 20:08
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 18:53

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	1.3	J	ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-09
Client ID: MW-16
Sample Location: OLEAN, NY

Date Collected: 07/18/24 16:26
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-09
Client ID: MW-16
Sample Location: OLEAN, NY

Date Collected: 07/18/24 16:26
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	886	J	ug/l	1
Unknown	527	J	ug/l	1
Unknown	19.3	J	ug/l	1
Unknown Alkane	16.1	J	ug/l	1
Unknown Ketone	21.8	J	ug/l	1
Unknown	18.9	J	ug/l	1
Unknown Organic Acid	35.9	J	ug/l	1
Unknown	13.5	J	ug/l	1
Cyclic Octaatomic Sulfur	53.6	NJ	ug/l	1
Unknown	6.10	J	ug/l	1
Unknown	13.8	J	ug/l	1
Unknown	16.4	J	ug/l	1
Unknown	118	J	ug/l	1
Unknown Organic Acid	18.1	J	ug/l	1
Unknown	7.90	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	53		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-09
Client ID: MW-16
Sample Location: OLEAN, NY

Date Collected: 07/18/24 16:26
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/30/24 14:20
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 18:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.07	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.08	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	0.03	J	ug/l	0.50	0.02	1
Naphthalene	1.3	B	ug/l	0.10	0.02	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.04	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	0.03	J	ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.04	J	ug/l	0.10	0.02	1
Fluorene	0.03	J	ug/l	0.10	0.03	1
Phenanthrene	0.06	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	0.04	J	ug/l	0.10	0.02	1
Pyrene	0.07	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	0.23		ug/l	0.10	0.03	1
Pentachlorophenol	0.16	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-09
Client ID: MW-16
Sample Location: OLEAN, NY

Date Collected: 07/18/24 16:26
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	44		15-120
2,4,6-Tribromophenol	37		10-120
4-Terphenyl-d14	40	Q	41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-09
Client ID: MW-16
Sample Location: OLEAN, NY

Date Collected: 07/18/24 16:26
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 144,1633
Analytical Date: 07/26/24 23:52
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 07/25/24 12:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	16.9		ng/l	6.57	1.05	1
Perfluoropentanoic Acid (PFPeA)	16.1		ng/l	3.29	0.879	1
Perfluorobutanesulfonic Acid (PFBS)	24.8		ng/l	1.64	0.550	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.57	1.72	1
Perfluorohexanoic Acid (PFHxA)	53.6		ng/l	1.64	0.485	1
Perfluoropentanesulfonic Acid (PFPeS)	29.5		ng/l	1.64	0.288	1
Perfluoroheptanoic Acid (PFHpA)	9.23		ng/l	1.64	0.329	1
Perfluorohexanesulfonic Acid (PFHxS)	277		ng/l	1.64	0.394	1
Perfluorooctanoic Acid (PFOA)	25.3		ng/l	1.64	0.715	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.57	2.22	1
Perfluoroheptanesulfonic Acid (PFHpS)	9.59		ng/l	1.64	0.444	1
Perfluorononanoic Acid (PFNA)	0.912	J	ng/l	1.64	0.518	1
Perfluorooctanesulfonic Acid (PFOS)	201		ng/l	1.64	0.748	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.64	0.665	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.57	2.56	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.64	0.509	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.64	0.896	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.64	0.715	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.64	0.378	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.64	0.444	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.64	0.887	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.64	0.756	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.64	0.616	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.64	0.435	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.57	0.920	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.57	1.04	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.64	0.624	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-09
Client ID: MW-16
Sample Location: OLEAN, NY

Date Collected: 07/18/24 16:26
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.57	1.36	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.57	1.36	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.64	0.715	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.64	0.756	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.4	3.86	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.4	2.01	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.29	0.468	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.29	0.435	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.29	0.361	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.29	1.94	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.22	2.71	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	41.1	9.61	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	41.1	6.48	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-09
Client ID: MW-16
Sample Location: OLEAN, NY

Date Collected: 07/18/24 16:26
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Surrogate	% Recovery			Qualifier	Acceptance Criteria	
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	48				41-123	
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	52				29-123	
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	41				41-125	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	150				10-290	
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	52				40-121	
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	52				27-156	
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	42			Q	46-115	
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	47				39-121	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	60				10-261	
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	48				38-114	
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	40				32-114	
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	46				28-115	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	63				10-213	
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	43				10-172	
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	42				16-123	
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	43				14-108	
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	42				10-150	
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	40				10-126	
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	27				10-145	
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	53				35-142	
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	36				11-94	
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	35				11-97	
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	49				10-137	
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	49				10-130	

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-09 **RE**
Client ID: MW-16
Sample Location: OLEAN, NY

Date Collected: 07/18/24 16:26
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 08/01/24 17:04
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/31/24 16:04

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.06	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.08	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.06	J	ug/l	0.10	0.03	1
Phenanthrene	0.09	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.05	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.03	1
Pentachlorophenol	0.06	J	ug/l	0.80	0.06	1
Hexachlorobenzene	0.07	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-09 RE
 Client ID: MW-16
 Sample Location: OLEAN, NY

Date Collected: 07/18/24 16:26
 Date Received: 07/19/24
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	37		10-120
4-Terphenyl-d14	68		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-10
Client ID: BD-1
Sample Location: OLEAN, NY

Date Collected: 07/18/24 08:01
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/30/24 18:40
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-10
Client ID: BD-1
Sample Location: OLEAN, NY

Date Collected: 07/18/24 08:01
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1
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Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	10	Q	21-120
Phenol-d6	13		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	58		15-120
2,4,6-Tribromophenol	17		10-120
4-Terphenyl-d14	61		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-10
Client ID: BD-1
Sample Location: OLEAN, NY

Date Collected: 07/18/24 08:01
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/30/24 16:33
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.03	1
Pentachlorophenol	0.07	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-10
Client ID: BD-1
Sample Location: OLEAN, NY

Date Collected: 07/18/24 08:01
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	10	Q	21-120
Phenol-d6	15		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	14		10-120
4-Terphenyl-d14	58		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-11
Client ID: BD-2
Sample Location: OLEAN, NY

Date Collected: 07/18/24 08:00
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 144,1633
Analytical Date: 07/27/24 00:31
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 07/25/24 12:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	62.7		ng/l	32.0	5.12	1
Perfluoropentanoic Acid (PFPeA)	84.8		ng/l	16.0	4.28	1
Perfluorobutanesulfonic Acid (PFBS)	265		ng/l	8.00	2.68	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	32.0	8.36	1
Perfluorohexanoic Acid (PFHxA)	368		ng/l	8.00	2.36	1
Perfluoropentanesulfonic Acid (PFPeS)	242		ng/l	8.00	1.40	1
Perfluoroheptanoic Acid (PFHpA)	70.1		ng/l	8.00	1.60	1
Perfluorohexanesulfonic Acid (PFHxS)	1210		ng/l	8.00	1.92	1
Perfluorooctanoic Acid (PFOA)	141		ng/l	8.00	3.48	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	32.0	10.8	1
Perfluoroheptanesulfonic Acid (PFHpS)	31.8		ng/l	8.00	2.16	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	8.00	2.52	1
Perfluorooctanesulfonic Acid (PFOS)	598		ng/l	8.00	3.64	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	8.00	3.24	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	32.0	12.4	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	8.00	2.48	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	8.00	4.36	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	8.00	3.48	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	8.00	1.84	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	8.00	2.16	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	8.00	4.32	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	8.00	3.68	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	8.00	3.00	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	8.00	2.12	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	32.0	4.48	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	32.0	5.04	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	8.00	3.04	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-11
Client ID: BD-2
Sample Location: OLEAN, NY

Date Collected: 07/18/24 08:00
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	32.0	6.60	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	32.0	6.60	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	8.00	3.48	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	8.00	3.68	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	80.0	18.8	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	80.0	9.80	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	16.0	2.28	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	16.0	2.12	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/l	16.0	1.76	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	16.0	9.44	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	40.0	13.2	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	200	46.8	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	200	31.6	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-11
Client ID: BD-2
Sample Location: OLEAN, NY

Date Collected: 07/18/24 08:00
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Surrogate	% Recovery			Qualifier	Acceptance Criteria	
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	78				41-123	
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	80				29-123	
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	83				41-125	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	215				10-290	
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	75				40-121	
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	78				27-156	
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	80				46-115	
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	72				39-121	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	120				10-261	
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85				38-114	
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	74				32-114	
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	77				28-115	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	91				10-213	
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	78				10-172	
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	62				16-123	
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	63				14-108	
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	79				10-150	
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	61				10-126	
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	61				10-145	
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	72				35-142	
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	51				11-94	
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	52				11-97	
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	70				10-137	
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	75				10-130	

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-12
Client ID: MW-13
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:12
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 07/30/24 19:03
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-12
Client ID: MW-13
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:12
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	2.6	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds

Total TIC Compounds	137	J	ug/l	1
Unknown	28.6	J	ug/l	1
Unknown	5.20	J	ug/l	1
Unknown	75.1	J	ug/l	1
Unknown Organic Acid	13.3	J	ug/l	1
Unknown Organic Acid	14.7	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	18	Q	21-120
Phenol-d6	18		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	32		10-120
4-Terphenyl-d14	61		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-12
Client ID: MW-13
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:12
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 07/30/24 16:50
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	0.07	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

SAMPLE RESULTS

Lab ID: L2440892-12
Client ID: MW-13
Sample Location: OLEAN, NY

Date Collected: 07/18/24 15:12
Date Received: 07/19/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	21		21-120
Phenol-d6	22		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	28		10-120
4-Terphenyl-d14	60		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Method Blank Analysis Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/26/24 19:59
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 07/25/24 12:50

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06,09,11 Batch: WG1951431-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	1.02
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.856
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.536
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.67
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.472
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.280
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.320
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.384
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.696
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	2.16
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.432
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.504
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.728
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.648
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	2.49
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.496
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.872
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.696
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.368
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.432
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.864
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.736
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.600
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.424
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.896
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.01
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.608

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Method Blank Analysis Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/26/24 19:59
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 07/25/24 12:50

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06,09,11 Batch: WG1951431-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	1.32
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	1.32
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.696
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.736
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	3.76
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.96
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.456
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.424
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.352
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	1.89
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.64
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	9.36
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	6.31

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Method Blank Analysis Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 07/26/24 19:59
Analyst: SL

Extraction Method: EPA 1633
Extraction Date: 07/25/24 12:50

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06,09,11 Batch: WG1951431-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	71		41-123
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	78		29-123
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	76		41-125
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	121		10-290
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	75		40-121
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	73		27-156
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78		46-115
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	70		39-121
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	99		10-261
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79		38-114
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	73		32-114
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	72		28-115
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	75		10-213
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	79		10-172
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	68		16-123
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	62		14-108
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	81		10-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	63		10-126
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	67		10-145
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	73		35-142
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	43		11-94
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	45		11-97
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	75		10-137
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	80		10-130

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/28/24 14:21
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,10,12 Batch: WG1951464-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/28/24 14:21
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,10,12 Batch: WG1951464-1					
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Tentatively Identified Compounds

Total TIC Compounds	4.40	J	ug/l
Unknown	4.40	J	ug/l

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/28/24 14:21
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08,10,12 Batch: WG1951464-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	52		10-120
4-Terphenyl-d14	61		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/26/24 14:13
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-08,10,12 Batch: WG1951465-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/26/24 14:13
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 15:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-08,10,12 Batch: WG1951465-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	70		10-120
4-Terphenyl-d14	67		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/26/24 08:39
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 18:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1951557-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	2.0	J	ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/26/24 08:39
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 18:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1951557-1					
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Tentatively Identified Compounds

Total TIC Compounds	1090	J	ug/l
Unknown Alkane	19.8	J	ug/l
Unknown	19.8	J	ug/l
Unknown	21.9	J	ug/l
Unknown	17.9	J	ug/l
Unknown Alkane	16.7	J	ug/l
Unknown Alkane	16.6	J	ug/l

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/26/24 08:39
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 18:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1951557-1					

Tentatively Identified Compounds

Unknown	20.6	J	ug/l
Unknown	783	J	ug/l
Unknown Ketone	27.1	J	ug/l
Unknown Alkane	20.5	J	ug/l
Unknown Alkane	20.9	J	ug/l
Unknown	33.4	J	ug/l
Unknown Alkane	17.5	J	ug/l
Unknown	18.9	J	ug/l
Unknown Organic Acid	31.2	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	73		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/26/24 10:23
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 18:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 09 Batch: WG1951558-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	0.04	J	ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	0.19		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	0.08	J	ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	0.05	J	ug/l	0.10	0.04
2-Methylnaphthalene	0.08	J	ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 07/26/24 10:23
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 07/25/24 18:53

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 09 Batch: WG1951558-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	76		41-149

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 08/01/24 16:14
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/31/24 16:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 09 Batch: WG1953855-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 08/01/24 16:14
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 07/31/24 16:04

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 09 Batch: WG1953855-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	13	Q	21-120
Phenol-d6	17		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	17		10-120
4-Terphenyl-d14	64		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06,09,11 Batch: WG1951431-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	111		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	117		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	106		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	129		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	114		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	115		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	114		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	118		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	126		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	107		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	113		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	98		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	118		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	106		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	121		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	120		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	98		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	113		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	86		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	104		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	99		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	126		-		40-150	-		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06,09,11 Batch: WG1951431-2 LOW LEVEL								
Perfluorotridecanoic Acid (PFTrDA)	124		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	107		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	118		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	120		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	106		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	102		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	86		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	117		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	124		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	103		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	106		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	103		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	113		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	111		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	128		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	123		-		40-150	-		30
2H,2H,3H-Perfluorooctanoic Acid (5:3FTCA)	89		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	64		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06,09,11 Batch: WG1951431-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	78				41-123
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	86				29-123
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82				41-125
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	117				10-290
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	79				40-121
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	78				27-156
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	78				46-115
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	73				39-121
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	107				10-261
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	87				38-114
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	78				32-114
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	76				28-115
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	69				10-213
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	85				10-172
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	70				16-123
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	70				14-108
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	83				10-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	64				10-126
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	70				10-145
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	78				35-142
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	47				11-94
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	52				11-97
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	79				10-137
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	82				10-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06,09,11 Batch: WG1951431-3								
Perfluorobutanoic Acid (PFBA)	107		-		40-150	-		30
Perfluoropentanoic Acid (PFPeA)	114		-		40-150	-		30
Perfluorobutanesulfonic Acid (PFBS)	110		-		40-150	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	104		-		40-150	-		30
Perfluorohexanoic Acid (PFHxA)	110		-		40-150	-		30
Perfluoropentanesulfonic Acid (PFPeS)	104		-		40-150	-		30
Perfluoroheptanoic Acid (PFHpA)	104		-		40-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	104		-		40-150	-		30
Perfluorooctanoic Acid (PFOA)	114		-		40-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	109		-		40-150	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	118		-		40-150	-		30
Perfluorononanoic Acid (PFNA)	90		-		40-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	102		-		40-150	-		30
Perfluorodecanoic Acid (PFDA)	117		-		40-150	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	129		-		40-150	-		30
Perfluorononanesulfonic Acid (PFNS)	106		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	122		-		40-150	-		30
Perfluoroundecanoic Acid (PFUnA)	119		-		40-150	-		30
Perfluorodecanesulfonic Acid (PFDS)	113		-		40-150	-		30
Perfluorooctanesulfonamide (PFOSA)	102		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	139		-		40-150	-		30
Perfluorododecanoic Acid (PFDoA)	130		-		40-150	-		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06,09,11 Batch: WG1951431-3								
Perfluorotridecanoic Acid (PFTrDA)	131		-		40-150	-		30
Perfluorotetradecanoic Acid (PFTeDA)	116		-		40-150	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	101		-		40-150	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	107		-		40-150	-		30
Perfluorododecanesulfonic Acid (PFDoS)	126		-		40-150	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	90		-		40-150	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	87		-		40-150	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	148		-		40-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	131		-		40-150	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	102		-		40-150	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	101		-		40-150	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	112		-		40-150	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	97		-		40-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	92		-		40-150	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	105		-		40-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	105		-		40-150	-		30
2H,2H,3H-Perfluorooctanoic Acid (5:3FTCA)	81		-		40-150	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	71		-		40-150	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06,09,11 Batch: WG1951431-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	82				41-123
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	90				29-123
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	80				41-125
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	118				10-290
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82				40-121
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	78				27-156
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83				46-115
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	71				39-121
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	102				10-261
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	81				38-114
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	70				32-114
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	76				28-115
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	74				10-213
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	77				10-172
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71				16-123
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	67				14-108
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	73				10-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70				10-126
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	77				10-145
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83				35-142
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	44				11-94
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	51				11-97
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	76				10-137
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	85				10-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10,12 Batch: WG1951464-2 WG1951464-3								
Bis(2-chloroethyl)ether	71		72		40-140	1		30
3,3'-Dichlorobenzidine	74		71		40-140	4		30
2,4-Dinitrotoluene	77		72		48-143	7		30
2,6-Dinitrotoluene	79		71		40-140	11		30
4-Chlorophenyl phenyl ether	66		60		40-140	10		30
4-Bromophenyl phenyl ether	68		64		40-140	6		30
Bis(2-chloroisopropyl)ether	74		72		40-140	3		30
Bis(2-chloroethoxy)methane	73		71		40-140	3		30
Hexachlorocyclopentadiene	45		39	Q	40-140	14		30
Isophorone	70		69		40-140	1		30
Nitrobenzene	70		67		40-140	4		30
NDPA/DPA	71		66		40-140	7		30
n-Nitrosodi-n-propylamine	70		71		29-132	1		30
Bis(2-ethylhexyl)phthalate	80		75		40-140	6		30
Butyl benzyl phthalate	79		71		40-140	11		30
Di-n-butylphthalate	83		74		40-140	11		30
Di-n-octylphthalate	84		78		40-140	7		30
Diethyl phthalate	76		70		40-140	8		30
Dimethyl phthalate	75		70		40-140	7		30
Biphenyl	62		57		40-140	8		30
4-Chloroaniline	54		64		40-140	17		30
2-Nitroaniline	76		70		52-143	8		30
3-Nitroaniline	75		67		25-145	11		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10,12 Batch: WG1951464-2 WG1951464-3								
4-Nitroaniline	72		64		51-143	12		30
Dibenzofuran	69		64		40-140	8		30
1,2,4,5-Tetrachlorobenzene	56		52		2-134	7		30
Acetophenone	69		66		39-129	4		30
2,4,6-Trichlorophenol	65		71		30-130	9		30
p-Chloro-m-cresol	76		75		23-97	1		30
2-Chlorophenol	60		64		27-123	6		30
2,4-Dichlorophenol	67		70		30-130	4		30
2,4-Dimethylphenol	64		63		30-130	2		30
2-Nitrophenol	72		76		30-130	5		30
4-Nitrophenol	73		70		10-80	4		30
2,4-Dinitrophenol	44		78		20-130	56	Q	30
4,6-Dinitro-o-cresol	61		75		20-164	21		30
Phenol	31		32		12-110	3		30
2-Methylphenol	66		63		30-130	5		30
3-Methylphenol/4-Methylphenol	60		61		30-130	2		30
2,4,5-Trichlorophenol	72		75		30-130	4		30
Carbazole	76		71		55-144	7		30
Atrazine	70		64		40-140	9		30
Benzaldehyde	62		62		40-140	0		30
Caprolactam	41		42		10-130	2		30
2,3,4,6-Tetrachlorophenol	67		74		40-140	10		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10,12 Batch: WG1951464-2 WG1951464-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	37		44		21-120
Phenol-d6	30		31		10-120
Nitrobenzene-d5	68		66		23-120
2-Fluorobiphenyl	64		60		15-120
2,4,6-Tribromophenol	59		62		10-120
4-Terphenyl-d14	68		60		41-149

Lab Control Sample Analysis Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-08,10,12 Batch: WG1951465-2 WG1951465-3								
Acenaphthene	62		71		40-140	14		40
2-Chloronaphthalene	57		65		40-140	13		40
Fluoranthene	58		66		40-140	13		40
Hexachlorobutadiene	46		54		40-140	16		40
Naphthalene	56		66		40-140	16		40
Benzo(a)anthracene	71		81		40-140	13		40
Benzo(a)pyrene	59		67		40-140	13		40
Benzo(b)fluoranthene	60		65		40-140	8		40
Benzo(k)fluoranthene	56		67		40-140	18		40
Chrysene	65		74		40-140	13		40
Acenaphthylene	58		67		40-140	14		40
Anthracene	63		72		40-140	13		40
Benzo(ghi)perylene	63		73		40-140	15		40
Fluorene	59		67		40-140	13		40
Phenanthrene	62		70		40-140	12		40
Dibenzo(a,h)anthracene	66		76		40-140	14		40
Indeno(1,2,3-cd)pyrene	68		79		40-140	15		40
Pyrene	57		65		40-140	13		40
2-Methylnaphthalene	58		67		40-140	14		40
Pentachlorophenol	42		71		40-140	51	Q	40
Hexachlorobenzene	60		68		40-140	13		40
Hexachloroethane	46		55		40-140	18		40

Lab Control Sample Analysis **Batch Quality Control**

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-08,10,12 Batch: WG1951465-2 WG1951465-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	36		48		21-120
Phenol-d6	27		35		10-120
Nitrobenzene-d5	64		78		23-120
2-Fluorobiphenyl	55		65		15-120
2,4,6-Tribromophenol	55		73		10-120
4-Terphenyl-d14	56		64		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1951557-2 WG1951557-3								
Bis(2-chloroethyl)ether	50		80		40-140	46	Q	30
3,3'-Dichlorobenzidine	68		99		40-140	37	Q	30
2,4-Dinitrotoluene	64		91		48-143	35	Q	30
2,6-Dinitrotoluene	54		89		40-140	49	Q	30
4-Chlorophenyl phenyl ether	52		78		40-140	40	Q	30
4-Bromophenyl phenyl ether	51		75		40-140	38	Q	30
Bis(2-chloroisopropyl)ether	63		105		40-140	50	Q	30
Bis(2-chloroethoxy)methane	50		80		40-140	46	Q	30
Hexachlorocyclopentadiene	40		60		40-140	40	Q	30
Isophorone	47		79		40-140	51	Q	30
Nitrobenzene	71		112		40-140	45	Q	30
NDPA/DPA	53		85		40-140	46	Q	30
n-Nitrosodi-n-propylamine	49		85		29-132	54	Q	30
Bis(2-ethylhexyl)phthalate	75		105		40-140	33	Q	30
Butyl benzyl phthalate	71		100		40-140	34	Q	30
Di-n-butylphthalate	60		92		40-140	42	Q	30
Di-n-octylphthalate	85		116		40-140	31	Q	30
Diethyl phthalate	59		90		40-140	42	Q	30
Dimethyl phthalate	54		83		40-140	42	Q	30
Biphenyl	50		77		40-140	43	Q	30
4-Chloroaniline	56		62		40-140	10		30
2-Nitroaniline	62		97		52-143	44	Q	30
3-Nitroaniline	88		100		25-145	13		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1951557-2 WG1951557-3								
4-Nitroaniline	68		92		51-143	30		30
Dibenzofuran	53		81		40-140	42	Q	30
1,2,4,5-Tetrachlorobenzene	47		70		2-134	39	Q	30
Acetophenone	49		81		39-129	49	Q	30
2,4,6-Trichlorophenol	49		82		30-130	50	Q	30
p-Chloro-m-cresol	56		87		23-97	43	Q	30
2-Chlorophenol	50		77		27-123	43	Q	30
2,4-Dichlorophenol	51		85		30-130	50	Q	30
2,4-Dimethylphenol	49		76		30-130	43	Q	30
2-Nitrophenol	54		95		30-130	55	Q	30
4-Nitrophenol	51		62		10-80	19		30
2,4-Dinitrophenol	70		100		20-130	35	Q	30
4,6-Dinitro-o-cresol	68		101		20-164	39	Q	30
Phenol	40		48		12-110	18		30
2-Methylphenol	52		74		30-130	35	Q	30
3-Methylphenol/4-Methylphenol	54		74		30-130	31	Q	30
2,4,5-Trichlorophenol	53		87		30-130	49	Q	30
Carbazole	58		90		55-144	43	Q	30
Atrazine	63		92		40-140	37	Q	30
Benzaldehyde	48		77		40-140	46	Q	30
Caprolactam	38		43		10-130	12		30
2,3,4,6-Tetrachlorophenol	54		87		40-140	47	Q	30

Lab Control Sample Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1951557-2 WG1951557-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	45		56		21-120
Phenol-d6	36		43		10-120
Nitrobenzene-d5	52		89		23-120
2-Fluorobiphenyl	46		72		15-120
2,4,6-Tribromophenol	44		73		10-120
4-Terphenyl-d14	46		69		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 09 Batch: WG1951558-2 WG1951558-3								
Acenaphthene	50		76		40-140	41	Q	40
2-Chloronaphthalene	47		69		40-140	38		40
Fluoranthene	50		69		40-140	32		40
Hexachlorobutadiene	42		65		40-140	43	Q	40
Naphthalene	47		72		40-140	42	Q	40
Benzo(a)anthracene	60		87		40-140	37		40
Benzo(a)pyrene	50		72		40-140	36		40
Benzo(b)fluoranthene	50		72		40-140	36		40
Benzo(k)fluoranthene	50		69		40-140	32		40
Chrysene	53		79		40-140	39		40
Acenaphthylene	46		67		40-140	37		40
Anthracene	52		76		40-140	38		40
Benzo(ghi)perylene	56		80		40-140	35		40
Fluorene	48		70		40-140	37		40
Phenanthrene	50		75		40-140	40		40
Dibenzo(a,h)anthracene	59		84		40-140	35		40
Indeno(1,2,3-cd)pyrene	60		86		40-140	36		40
Pyrene	49		68		40-140	32		40
2-Methylnaphthalene	48		72		40-140	40		40
Pentachlorophenol	40		69		40-140	53	Q	40
Hexachlorobenzene	50		73		40-140	37		40
Hexachloroethane	39	Q	63		40-140	47	Q	40

Lab Control Sample Analysis Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 09 Batch: WG1951558-2 WG1951558-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	39		49		21-120
Phenol-d6	30		35		10-120
Nitrobenzene-d5	45		74		23-120
2-Fluorobiphenyl	44		66		15-120
2,4,6-Tribromophenol	48		72		10-120
4-Terphenyl-d14	50		67		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 09 Batch: WG1953855-2 WG1953855-3								
Acenaphthene	75		79		40-140	5		40
2-Chloronaphthalene	67		72		40-140	7		40
Fluoranthene	71		72		40-140	1		40
Hexachlorobutadiene	55		60		40-140	9		40
Naphthalene	68		73		40-140	7		40
Benzo(a)anthracene	79		84		40-140	6		40
Benzo(a)pyrene	71		76		40-140	7		40
Benzo(b)fluoranthene	70		77		40-140	10		40
Benzo(k)fluoranthene	72		76		40-140	5		40
Chrysene	76		82		40-140	8		40
Acenaphthylene	68		72		40-140	6		40
Anthracene	75		80		40-140	6		40
Benzo(ghi)perylene	71		75		40-140	5		40
Fluorene	71		74		40-140	4		40
Phenanthrene	73		78		40-140	7		40
Dibenzo(a,h)anthracene	74		79		40-140	7		40
Indeno(1,2,3-cd)pyrene	75		81		40-140	8		40
Pyrene	70		71		40-140	1		40
2-Methylnaphthalene	72		76		40-140	5		40
Pentachlorophenol	13	Q	76		40-140	142	Q	40
Hexachlorobenzene	71		77		40-140	8		40
Hexachloroethane	58		64		40-140	10		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 09 Batch: WG1953855-2 WG1953855-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	14	Q	55		21-120
Phenol-d6	19		42		10-120
Nitrobenzene-d5	69		75		23-120
2-Fluorobiphenyl	73		77		15-120
2,4,6-Tribromophenol	21		75		10-120
4-Terphenyl-d14	72		73		41-149

Matrix Spike Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06,09,11 QC Batch ID: WG1951431-4 WG1951431-5 QC Sample: L2440892-09 Client ID: MW-16												
Perfluorobutanoic Acid (PFBA)	16.9	72.9	98.7	112		105	115		40-150	6		30
Perfluoropentanoic Acid (PFPeA)	16.1	36.4	62.6	128		60.6	116		40-150	3		30
Perfluorobutanesulfonic Acid (PFBS)	24.8	16.2	45.1	126		40.7	93		40-150	10		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	68.3	76.6	112		74.7	104		40-150	3		30
Perfluorohexanoic Acid (PFHxA)	53.6	18.2	68.9	84		65.3	61		40-150	5		30
Perfluoropentanesulfonic Acid (PFPeS)	29.5	17.1	45.5	93		44.4	82		40-150	2		30
Perfluoroheptanoic Acid (PFHpA)	9.23	18.2	30.0	114		28.8	102		40-150	4		30
Perfluorohexanesulfonic Acid (PFHxS)	277	16.6	279	12	Q	249	0	Q	40-150	11		30
Perfluorooctanoic Acid (PFOA)	25.3	18.2	44.7	106		44.3	99		40-150	1		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	69.2	73.5	106		80.0	110		40-150	8		30
Perfluoroheptanesulfonic Acid (PFHpS)	9.59	17.4	31.3	125		29.2	107		40-150	7		30
Perfluorononanoic Acid (PFNA)	0.912J	18.2	19.8	104		20.6	103		40-150	4		30
Perfluorooctanesulfonic Acid (PFOS)	201	16.9	217	95		170	0	Q	40-150	24		30
Perfluorodecanoic Acid (PFDA)	ND	18.2	21.6	119		22.0	115		40-150	2		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	70	98.3	140		88.7	120		40-150	10		30
Perfluorononanesulfonic Acid (PFNS)	ND	17.5	21.6	123		23.0	125		40-150	6		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	18.2	19.0	104		22.4	117		40-150	16		30
Perfluoroundecanoic Acid (PFUnA)	ND	18.2	22.5	123		22.8	119		40-150	1		30
Perfluorodecanesulfonic Acid (PFDS)	ND	17.6	22.9	130		22.3	120		40-150	3		30
Perfluorooctanesulfonamide (PFOSA)	ND	18.2	19.6	108		24.6	128		40-150	23		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	18.2	20.6	113		21.5	112		40-150	4		30
Perfluorododecanoic Acid (PFDoA)	ND	18.2	22.7	125		22.4	117		40-150	1		30

Matrix Spike Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06,09,11 QC Batch ID: WG1951431-4 WG1951431-5 QC Sample: L2440892-09 Client ID: MW-16												
Perfluorotridecanoic Acid (PFTrDA)	ND	18.2	18.9	104		18.9	98		40-150	0		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	18.2	21.3	117		24.2	126		40-150	13		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	72.9	82.2	113		82.6	108		40-150	0		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	68.9	87.7	127		80.5	111		40-150	9		30
Perfluorododecanesulfonic Acid (PFDoS)	ND	17.7	18.4	104		17.5	94		40-150	5		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	68.2	68.0	100		62.2	87		40-150	9		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	68.9	61.5	89		54.2	75		40-150	13		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	18.2	21.1	116		20.4	106		40-150	3		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	18.2	24.1	132		26.5	138		40-150	9		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	182	189	104		222	116		40-150	16		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	182	205	112		216	113		40-150	5		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	36.4	49.6	136		48.7	127		40-150	2		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	36.4	40.3	111		39.9	104		40-150	1		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	32.4	32.4	100		32.1	94		40-150	1		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	36.4	40.6	111		48.5	126		40-150	18		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	91.1	128	140		129	134		40-150	1		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	456	447	98		459	96		40-150	3		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	456	448	98		469	98		40-150	5		30

Matrix Spike Analysis**Batch Quality Control**

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06,09,11 QC Batch ID: WG1951431-4 WG1951431-5 QC Sample: L2440892-09 Client ID: MW-16												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	121		84		10-213
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	230		174		10-290
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	119		83		10-261
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	52		45		11-97
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	97		57		10-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	68		57		10-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	57		54		11-94
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	99		64		10-172
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	71		60		10-137
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	73		56		46-115
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	63		50		14-108
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	61		57		32-114
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	72		57		41-125
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	69		58		16-123
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	71		62		28-115
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	75		64		40-121
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	74		64		27-156
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	66		57		10-126
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	46		36		10-145
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	83		65		41-123
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	76		68		29-123
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	69		58		39-121
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	79		64		38-114

Matrix Spike Analysis**Batch Quality Control**

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

<i>Parameter</i>	<i>Native Sample</i>	<i>MS Added</i>	<i>MS Found</i>	<i>MS %Recovery</i>	<i>Qual</i>	<i>MSD Found</i>	<i>MSD %Recovery</i>	<i>Qual</i>	<i>Recovery Limits</i>	<i>RPD</i>	<i>Qual</i>	<i>RPD Limits</i>
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06,09,11 QC Batch ID: WG1951431-4 WG1951431-5 QC Sample: L2440892-09 Client ID: MW-16												

<i>Surrogate</i>	<i>MS % Recovery</i>	<i>Qualifier</i>	<i>MSD % Recovery</i>	<i>Qualifier</i>	<i>Acceptance Criteria</i>
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	72		68		35-142

Matrix Spike Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10,12 QC Batch ID: WG1951464-4 WG1951464-5 QC Sample: L2440892-07 Client ID: MW-13												
Bis(2-chloroethyl)ether	ND	20	18	90		17	85		40-140	6		30
3,3'-Dichlorobenzidine	ND	20	16	80		16	80		40-140	0		30
2,4-Dinitrotoluene	ND	20	19	95		18	90		48-143	5		30
2,6-Dinitrotoluene	ND	20	20	100		19	95		40-140	5		30
4-Chlorophenyl phenyl ether	ND	20	15	75		15	75		40-140	0		30
4-Bromophenyl phenyl ether	ND	20	16	80		16	80		40-140	0		30
Bis(2-chloroisopropyl)ether	ND	20	19	95		18	90		40-140	5		30
Bis(2-chloroethoxy)methane	ND	20	18	90		17	85		40-140	6		30
Hexachlorocyclopentadiene	ND	20	9.7J	49		11.J	55		40-140	13		30
Isophorone	ND	20	18	90		18	90		40-140	0		30
Nitrobenzene	ND	20	18	90		18	90		40-140	0		30
NDPA/DPA	ND	20	17	85		17	85		40-140	0		30
n-Nitrosodi-n-propylamine	ND	20	19	95		17	85		29-132	11		30
Bis(2-ethylhexyl)phthalate	ND	20	20	100		21	110		40-140	5		30
Butyl benzyl phthalate	ND	20	20	100		21	110		40-140	5		30
Di-n-butylphthalate	ND	20	20	100		20	100		40-140	0		30
Di-n-octylphthalate	ND	20	22	110		22	110		40-140	0		30
Diethyl phthalate	ND	20	18	90		18	90		40-140	0		30
Dimethyl phthalate	ND	20	18	90		18	90		40-140	0		30
Biphenyl	ND	20	14	70		15	75		40-140	7		30
4-Chloroaniline	ND	20	14	70		14	70		40-140	0		30
2-Nitroaniline	ND	20	20	100		20	100		52-143	0		30
3-Nitroaniline	ND	20	18	90		18	90		25-145	0		30

Matrix Spike Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10,12 QC Batch ID: WG1951464-4 WG1951464-5 QC Sample: L2440892-07 Client ID: MW-13												
4-Nitroaniline	ND	20	18	90		18	90		51-143	0		30
Dibenzofuran	ND	20	16	80		16	80		40-140	0		30
1,2,4,5-Tetrachlorobenzene	ND	20	12	60		13	65		2-134	8		30
Acetophenone	ND	20	17	85		17	85		39-129	0		30
2,4,6-Trichlorophenol	ND	20	11	55		13	65		30-130	17		30
p-Chloro-m-cresol	ND	20	17	85		18	90		23-97	6		30
2-Chlorophenol	ND	20	12	60		13	65		27-123	8		30
2,4-Dichlorophenol	ND	20	13	65		15	75		30-130	14		30
2,4-Dimethylphenol	ND	20	17	85		14	70		30-130	19		30
2-Nitrophenol	ND	20	14	70		16	80		30-130	13		30
4-Nitrophenol	ND	20	18	90	Q	19	95	Q	10-80	5		30
2,4-Dinitrophenol	ND	20	12.J	60		13.J	65		20-130	8		30
4,6-Dinitro-o-cresol	ND	20	12	60		12	60		20-164	0		30
Phenol	ND	20	5.8	29		7.8	39		12-110	29		30
2-Methylphenol	ND	20	14	70		14	70		30-130	0		30
3-Methylphenol/4-Methylphenol	ND	20	14	70		14	70		30-130	0		30
2,4,5-Trichlorophenol	ND	20	13	65		15	75		30-130	14		30
Carbazole	ND	20	18	90		18	90		55-144	0		30
Atrazine	ND	20	16	80		17	85		40-140	6		30
Benzaldehyde	ND	20	16	80		15	75		40-140	6		30
Caprolactam	ND	20	10	50		10	50		10-130	0		30
2,3,4,6-Tetrachlorophenol	ND	20	11	55		12	60		40-140	9		30

Matrix Spike Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08,10,12 QC Batch ID: WG1951464-4 WG1951464-5 QC Sample: L2440892-07 Client ID: MW-13												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	52		60		10-120
2-Fluorobiphenyl	75		77		15-120
2-Fluorophenol	34		41		21-120
4-Terphenyl-d14	79		81		41-149
Nitrobenzene-d5	84		80		23-120
Phenol-d6	28		32		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab 07 Client ID: MW-13 Associated sample(s): 01-08,10,12 QC Batch ID: WG1951465-4 WG1951465-5 QC Sample: L2440892-												
Acenaphthene	ND	20	13	65		15	75		40-140	14		40
2-Chloronaphthalene	ND	20	12	60		14	70		40-140	15		40
Fluoranthene	ND	20	12	60		14	70		40-140	15		40
Hexachlorobutadiene	ND	20	8.8	44		10	50		40-140	13		40
Naphthalene	ND	20	12	60		14	70		40-140	15		40
Benzo(a)anthracene	ND	20	15	75		17	85		40-140	13		40
Benzo(a)pyrene	ND	20	13	65		15	75		40-140	14		40
Benzo(b)fluoranthene	ND	20	13	65		15	75		40-140	14		40
Benzo(k)fluoranthene	ND	20	13	65		15	75		40-140	14		40
Chrysene	ND	20	14	70		16	80		40-140	13		40
Acenaphthylene	ND	20	12	60		14	70		40-140	15		40
Anthracene	ND	20	14	70		16	80		40-140	13		40
Benzo(ghi)perylene	ND	20	14	70		16	80		40-140	13		40
Fluorene	ND	20	13	65		14	70		40-140	7		40
Phenanthrene	ND	20	14	70		16	80		40-140	13		40
Dibenzo(a,h)anthracene	ND	20	15	75		16	80		40-140	6		40
Indeno(1,2,3-cd)pyrene	ND	20	15	75		17	85		40-140	13		40
Pyrene	ND	20	12	60		13	65		40-140	8		40
2-Methylnaphthalene	ND	20	12	60		15	75		40-140	22		40
Pentachlorophenol	0.08J	20	8.5	43		10	50		40-140	16		40
Hexachlorobenzene	ND	20	13	65		15	75		40-140	14		40
Hexachloroethane	ND	20	10	50		12	60		40-140	18		40

Matrix Spike Analysis

Batch Quality Control

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-08,10,12 QC Batch ID: WG1951465-4 WG1951465-5 QC Sample: L2440892-07 Client ID: MW-13												

Surrogate	MS		MSD		Acceptance Criteria
	% Recovery	Qualifier	% Recovery	Qualifier	
2,4,6-Tribromophenol	36		45		10-120
2-Fluorobiphenyl	61		69		15-120
2-Fluorophenol	29		38		21-120
4-Terphenyl-d14	54		61		41-149
Nitrobenzene-d5	68		78		23-120
Phenol-d6	27		35		10-120

Project Name: OREGON RD**Lab Number:** L2440892**Project Number:** 4343.0001B000**Report Date:** 08/01/24**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

A Absent

B Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2440892-01A	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-01B	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-01C	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-01D	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-01E	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-02A	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-02B	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-02C	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-02D	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-02E	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-03A	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-03B	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-03C	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-03D	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-03E	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-04A	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-04B	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-04C	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-04D	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

Project Name: OREGON RD
Project Number: 4343.0001B000

Serial_No: 08012419:08
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2440892-04E	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-05A	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-05B	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-05C	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-05D	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-05E	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-06A	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-06B	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-06C	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-06D	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-06E	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-06F	Plastic 500ml unpreserved	B	NA		5.9	Y	Absent		A2-1633-DRAFT(28)
L2440892-06G	Plastic 500ml unpreserved	B	NA		5.9	Y	Absent		A2-1633-DRAFT(28)
L2440892-06H	Plastic 500ml unpreserved	B	NA		5.9	Y	Absent		A2-1633-DRAFT(28)
L2440892-07A1	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-07A2	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-07B1	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-07B2	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-07C1	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-07C2	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-07D1	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-07D2	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-07E1	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-07E2	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-08A	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2440892-08B	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-08C	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-08D	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-08E	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-09A	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-09B	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-09C	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-09D	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-09E	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-09F	Plastic 500ml unpreserved	B	NA		5.9	Y	Absent		A2-1633-DRAFT(28)
L2440892-09F1	Plastic 500ml unpreserved	B	NA		5.9	Y	Absent		A2-1633-DRAFT(28)
L2440892-09F2	Plastic 500ml unpreserved	B	NA		5.9	Y	Absent		A2-1633-DRAFT(28)
L2440892-09G	Plastic 500ml unpreserved	B	NA		5.9	Y	Absent		A2-1633-DRAFT(28)
L2440892-09G1	Plastic 500ml unpreserved	B	NA		5.9	Y	Absent		A2-1633-DRAFT(28)
L2440892-09G2	Plastic 500ml unpreserved	B	NA		5.9	Y	Absent		A2-1633-DRAFT(28)
L2440892-09H	Plastic 500ml unpreserved	B	NA		5.9	Y	Absent		A2-1633-DRAFT(28)
L2440892-09H1	Plastic 500ml unpreserved	B	NA		5.9	Y	Absent		A2-1633-DRAFT(28)
L2440892-09H2	Plastic 500ml unpreserved	B	NA		5.9	Y	Absent		A2-1633-DRAFT(28)
L2440892-10A	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-10B	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-10C	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-10D	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-10E	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-11A	Plastic 500ml unpreserved	B	NA		5.9	Y	Absent		A2-1633-DRAFT(28)
L2440892-11B	Plastic 500ml unpreserved	B	NA		5.9	Y	Absent		A2-1633-DRAFT(28)
L2440892-11C	Plastic 500ml unpreserved	B	NA		5.9	Y	Absent		A2-1633-DRAFT(28)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2440892-12A	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-12B	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-12C	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-12D	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-12E	Amber 100ml unpreserved	A	7	7	4.1	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2440892-14A	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)
L2440892-14B	Vial HCl preserved	A	NA		4.1	Y	Absent		NYTCL-8260-R2(14)

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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
	Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers



Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers



Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 21

Published Date: 04/17/2024

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Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility**EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: **EPA RSK-175 Dissolved Gases****Biological Tissue Matrix:** EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:**Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs**EPA 625.1:** SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility:****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

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ANALYTICAL REPORT

Lab Number:	L2501543
Client:	Roux 2558 Hamburg Turnpike Suite 300 Buffalo, NY 14218
ATTN:	Charlotte Clark
Phone:	(716) 856-0599
Project Name:	OREGON ROAD SITE
Project Number:	4343.0001B000
Report Date:	01/24/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2501543-01	MW 2R	WATER	OLEAN, NY	01/09/25 13:51	01/10/25
L2501543-02	MW-5	WATER	OLEAN, NY	01/09/25 15:13	01/10/25
L2501543-03	MW-7	WATER	OLEAN, NY	01/09/25 11:00	01/10/25
L2501543-04	MW-8	WATER	OLEAN, NY	01/09/25 16:53	01/10/25
L2501543-05	MW-9	WATER	OLEAN, NY	01/09/25 12:06	01/10/25
L2501543-06	MW-12	WATER	OLEAN, NY	01/08/25 11:55	01/10/25
L2501543-07	MW-13	WATER	OLEAN, NY	01/08/25 12:59	01/10/25
L2501543-08	MW-15	WATER	OLEAN, NY	01/09/25 09:40	01/10/25
L2501543-09	MW-16	WATER	OLEAN, NY	01/09/25 16:26	01/10/25
L2501543-10	FIELD BLANK	WATER	OLEAN, NY	01/09/25 16:00	01/10/25
L2501543-11	EQUIPMENT BLANK	WATER	OLEAN, NY	01/09/25 09:30	01/10/25

Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2501543-08: The pH was greater than 2; however, the sample was analyzed within the method required holding time.

Semivolatile Organics by SIM

The WG2018811-1 Method Blank, associated with L2501543-01 through -09, has a concentration above the reporting limit for Naphthalene, Benzo(ghi)perylene, Dibenzo(a,h)anthracene, and Indeno(1,2,3-cd)pyrene. Since the associated sample concentrations are either greater than 10x the blank concentration or non-detect to the RL for these target analytes, no corrective action is required. Any results detected below the reporting limit are qualified with a "B".

Perfluorinated Alkyl Acids by 1633

L2501543-06: The Extracted Internal Standard recoveries were above the acceptance criteria for 1h,1h,2h,2h-perfluoro[1,2-13c2]hexanesulfonic acid (m2-4:2fts) (223%), perfluoro[1,2,3,4-13c4]heptanoic acid (m4pfhpa) (133%), and 1h,1h,2h,2h-perfluoro[1,2-13c2]octanesulfonic acid (m2-6:2fts) (288%); however, any associated target analytes detected above the RL are not reported from this analysis.

L2501543-06: The Non-extracted Internal Standard (NIS) response was below the acceptance criteria for 13C3-PFBA; however, the criteria were achieved upon re-analysis on dilution. The results of the re-analysis are reported for the associated target analytes.

L2501543-06: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

Case Narrative (continued)

L2501543-06D: The sample was re-analyzed on dilution due to EIS failure in the original analysis. The results of the re-analysis are reported for the associated target compounds.

L2501543-09: The sample was centrifuged and decanted prior to extraction due to sample matrix.

The Extracted Internal Standard recovery for the WG2019544-3 LCS, associated with L2501543-06, -06D, -09, -10, and -11, is outside the acceptance criteria for perfluoro[1,2,3,4-13c4]heptanoic acid (m4pfhpa) (131%); however, all associated target analytes are within overall LCS criteria; therefore, no further action was taken.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:



Kelly O'Neill

Title: Technical Director/Representative

Date: 01/24/25

ORGANICS

VOLATILES

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-01

Date Collected: 01/09/25 13:51

Client ID: MW 2R

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 01/14/25 13:50

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2501543-01**Date Collected:** 01/09/25 13:51**Client ID:** MW 2R**Date Received:** 01/10/25**Sample Location:** OLEAN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.3	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	2.2	J	ug/l	10	0.40	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-01

Date Collected: 01/09/25 13:51

Client ID: MW 2R

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Tentatively Identified Compounds

Total TIC Compounds	18.5	J	ug/l			1
Unknown Cycloalkane	2.50	J	ug/l			1
Unknown	1.29	J	ug/l			1
Unknown Aromatic	1.15	J	ug/l			1
Unknown Naphthalene	1.29	J	ug/l			1
Unknown Naphthalene	1.36	J	ug/l			1
Unknown Cycloalkane	3.89	J	ug/l			1
Cyclohexane, 1,1-dimethyl-	2.71	NJ	ug/l			1
Unknown Cycloalkane	1.77	J	ug/l			1
Unknown Cycloalkane	1.37	J	ug/l			1
Pentane, 2,3-dimethyl-	1.20	NJ	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	112		70-130

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-02

Date Collected: 01/09/25 15:13

Client ID: MW-5

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 01/14/25 14:11

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-02

Date Collected: 01/09/25 15:13

Client ID: MW-5

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1
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Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-02

Date Collected: 01/09/25 15:13

Client ID: MW-5

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	120		70-130

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-03

Date Collected: 01/09/25 11:00

Client ID: MW-7

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 01/14/25 14:33

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-03

Date Collected: 01/09/25 11:00

Client ID: MW-7

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.2	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1
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Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-03

Date Collected: 01/09/25 11:00

Client ID: MW-7

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	119		70-130

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-04

Date Collected: 01/09/25 16:53

Client ID: MW-8

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 01/14/25 14:55

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-04

Date Collected: 01/09/25 16:53

Client ID: MW-8

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	6.8		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

Total TIC Compounds	1.90	J	ug/l	1
1-Hexanol, 2-ethyl-	1.90	NJ	ug/l	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-04

Date Collected: 01/09/25 16:53

Client ID: MW-8

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	118		70-130

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-05

Date Collected: 01/09/25 12:06

Client ID: MW-9

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 01/14/25 15:17

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-05

Date Collected: 01/09/25 12:06

Client ID: MW-9

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1
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Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-05

Date Collected: 01/09/25 12:06

Client ID: MW-9

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	119		70-130

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-06

Date Collected: 01/08/25 11:55

Client ID: MW-12

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 01/14/25 15:38

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-06

Date Collected: 01/08/25 11:55

Client ID: MW-12

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1
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Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-06

Date Collected: 01/08/25 11:55

Client ID: MW-12

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	121		70-130

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-07

Date Collected: 01/08/25 12:59

Client ID: MW-13

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 01/14/25 16:00

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-07

Date Collected: 01/08/25 12:59

Client ID: MW-13

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1
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Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-07

Date Collected: 01/08/25 12:59

Client ID: MW-13

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	125		70-130

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-08

Date Collected: 01/09/25 09:40

Client ID: MW-15

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 01/14/25 16:22

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-08

Date Collected: 01/09/25 09:40

Client ID: MW-15

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	18		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1
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Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501543-08
 Client ID: MW-15
 Sample Location: OLEAN, NY

Date Collected: 01/09/25 09:40
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	121		70-130

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-09

Date Collected: 01/09/25 16:26

Client ID: MW-16

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 1,8260D

Analytical Date: 01/14/25 16:43

Analyst: MJV

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-09

Date Collected: 01/09/25 16:26

Client ID: MW-16

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1
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Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-09

Date Collected: 01/09/25 16:26

Client ID: MW-16

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	122		70-130

Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 01/14/25 09:26
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG2019971-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,1,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 01/14/25 09:26
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG2019971-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
1,2-Dibromoethane	ND		ug/l	2.0	0.65
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
 Analytical Date: 01/14/25 09:26
 Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG2019971-5					

Tentatively Identified Compounds

No Tentatively Identified Compounds ND ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	118		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: OREGON ROAD SITE

Lab Number: L2501543

Project Number: 4343.0001B000

Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG2019971-3 WG2019971-4								
Methylene chloride	100		95		70-130	5		20
1,1-Dichloroethane	100		96		70-130	4		20
Chloroform	100		96		70-130	4		20
Carbon tetrachloride	100		95		63-132	5		20
1,2-Dichloropropane	87		85		70-130	2		20
Dibromochloromethane	81		83		63-130	2		20
1,1,2-Trichloroethane	83		87		70-130	5		20
Tetrachloroethene	100		93		70-130	7		20
Chlorobenzene	97		94		75-130	3		20
Trichlorofluoromethane	100		96		62-150	4		20
1,2-Dichloroethane	92		93		70-130	1		20
1,1,1-Trichloroethane	100		94		67-130	6		20
Bromodichloromethane	90		88		67-130	2		20
trans-1,3-Dichloropropene	86		86		70-130	0		20
cis-1,3-Dichloropropene	83		84		70-130	1		20
Bromoform	78		84		54-136	7		20
1,1,2,2-Tetrachloroethane	81		92		67-130	13		20
Benzene	96		90		70-130	6		20
Toluene	98		91		70-130	7		20
Ethylbenzene	98		92		70-130	6		20
Chloromethane	100		96		64-130	4		20
Bromomethane	94		94		39-139	0		20
Vinyl chloride	100		91		55-140	9		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: OREGON ROAD SITE

Lab Number: L2501543

Project Number: 4343.0001B000

Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG2019971-3 WG2019971-4								
Chloroethane	100		95		55-138	5		20
1,1-Dichloroethene	100		93		61-145	7		20
trans-1,2-Dichloroethene	100		93		70-130	7		20
Trichloroethene	93		86		70-130	8		20
1,2-Dichlorobenzene	95		93		70-130	2		20
1,3-Dichlorobenzene	97		93		70-130	4		20
1,4-Dichlorobenzene	96		92		70-130	4		20
Methyl tert butyl ether	68		75		63-130	10		20
p/m-Xylene	105		95		70-130	10		20
o-Xylene	100		95		70-130	5		20
cis-1,2-Dichloroethene	99		93		70-130	6		20
Styrene	105		100		70-130	5		20
Dichlorodifluoromethane	96		89		36-147	8		20
Acetone	92		100		58-148	8		20
Carbon disulfide	110		94		51-130	16		20
2-Butanone	85		96		63-138	12		20
4-Methyl-2-pentanone	64		81		59-130	23	Q	20
2-Hexanone	70		84		57-130	18		20
1,2-Dibromoethane	84		90		70-130	7		20
n-Butylbenzene	100		92		53-136	8		20
sec-Butylbenzene	98		91		70-130	7		20
tert-Butylbenzene	94		88		70-130	7		20
1,2-Dibromo-3-chloropropane	81		93		41-144	14		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: OREGON ROAD SITE

Lab Number: L2501543

Project Number: 4343.0001B000

Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG2019971-3 WG2019971-4								
Isopropylbenzene	95		90		70-130	5		20
p-Isopropyltoluene	98		90		70-130	9		20
Naphthalene	75		83		70-130	10		20
n-Propylbenzene	99		93		69-130	6		20
1,2,4-Trichlorobenzene	89		89		70-130	0		20
1,3,5-Trimethylbenzene	99		93		64-130	6		20
1,2,4-Trimethylbenzene	100		93		70-130	7		20
Methyl Acetate	85		92		70-130	8		20
Cyclohexane	91		85		70-130	7		20
Freon-113	100		95		70-130	5		20
Methyl cyclohexane	87		82		70-130	6		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		104		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	95		97		70-130
Dibromofluoromethane	102		102		70-130

SEMIVOLATILES

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-01

Date Collected: 01/09/25 13:51

Client ID: MW 2R

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270E

Extraction Date: 01/12/25 07:30

Analytical Date: 01/14/25 06:45

Analyst: SMZ

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OREGON ROAD SITE

Lab Number: L2501543

Project Number: 4343.0001B000

Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501543-01

Date Collected: 01/09/25 13:51

Client ID: MW 2R

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	1.7	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds

Total TIC Compounds	49.4	J	ug/l	1
Unknown	7.50	J	ug/l	1
Unknown	9.30	J	ug/l	1
Unknown Alkane	5.10	J	ug/l	1
Unknown	7.40	J	ug/l	1
Unknown	4.50	J	ug/l	1
Unknown	4.30	J	ug/l	1
Unknown Organic Acid	11.3	J	ug/l	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-01

Date Collected: 01/09/25 13:51

Client ID: MW 2R

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	79		41-149

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-01

Date Collected: 01/09/25 13:51

Client ID: MW 2R

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270E-SIM

Extraction Date: 01/12/25 07:30

Analytical Date: 01/12/25 15:18

Analyst: JG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.06	JB	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.11		ug/l	0.10	0.03	1
Phenanthrene	0.09	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-01

Date Collected: 01/09/25 13:51

Client ID: MW 2R

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	112		10-120
4-Terphenyl-d14	89		41-149

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-02

Date Collected: 01/09/25 15:13

Client ID: MW-5

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270E

Extraction Date: 01/12/25 07:30

Analytical Date: 01/14/25 07:08

Analyst: SMZ

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-02

Date Collected: 01/09/25 15:13

Client ID: MW-5

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds

Total TIC Compounds	38.7	J	ug/l	1
Unknown Organic Acid	7.50	J	ug/l	1
Unknown Organic Acid	9.50	J	ug/l	1
Unknown	7.90	J	ug/l	1
Unknown	8.70	J	ug/l	1
Unknown	5.10	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	39		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	75		41-149



Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501543-02
 Client ID: MW-5
 Sample Location: OLEAN, NY

Date Collected: 01/09/25 15:13
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 01/12/25 15:35
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 01/12/25 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.03	JB	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-02

Date Collected: 01/09/25 15:13

Client ID: MW-5

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	116		10-120
4-Terphenyl-d14	83		41-149

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-03

Date Collected: 01/09/25 11:00

Client ID: MW-7

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270E

Extraction Date: 01/12/25 07:30

Analytical Date: 01/14/25 07:31

Analyst: SMZ

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-03

Date Collected: 01/09/25 11:00

Client ID: MW-7

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds

Total TIC Compounds	114	J	ug/l	1
Unknown Alkane	4.80	J	ug/l	1
Unknown Organic Acid	19.1	J	ug/l	1
Unknown	11.4	J	ug/l	1
Unknown Organic Acid	13.0	J	ug/l	1
Unknown	9.00	J	ug/l	1
Unknown	27.6	J	ug/l	1
Unknown	4.10	J	ug/l	1
Unknown	10.0	J	ug/l	1
Unknown	6.20	J	ug/l	1
Unknown	8.70	J	ug/l	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-03

Date Collected: 01/09/25 11:00

Client ID: MW-7

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	71		41-149

Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501543-03
 Client ID: MW-7
 Sample Location: OLEAN, NY

Date Collected: 01/09/25 11:00
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 01/12/25 15:51
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 01/12/25 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.03	JB	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-03

Date Collected: 01/09/25 11:00

Client ID: MW-7

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	104		10-120
4-Terphenyl-d14	81		41-149

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-04

Date Collected: 01/09/25 16:53

Client ID: MW-8

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270E

Extraction Date: 01/12/25 07:30

Analytical Date: 01/14/25 07:54

Analyst: SMZ

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-04

Date Collected: 01/09/25 16:53

Client ID: MW-8

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	1.0	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds

Total TIC Compounds	77.1	J	ug/l	1
Unknown	8.10	J	ug/l	1
Unknown Organic Acid	9.40	J	ug/l	1
Unknown	6.40	J	ug/l	1
Unknown	6.40	J	ug/l	1
Unknown	8.60	J	ug/l	1
Unknown Organic Acid	31.7	J	ug/l	1
Unknown	6.50	J	ug/l	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-04

Date Collected: 01/09/25 16:53

Client ID: MW-8

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	61		41-149

Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501543-04
Client ID: MW-8
Sample Location: OLEAN, NY

Date Collected: 01/09/25 16:53
Date Received: 01/10/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 01/12/25 18:39
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 01/12/25 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	0.03	JB	ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-04

Date Collected: 01/09/25 16:53

Client ID: MW-8

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	66		41-149

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-05

Date Collected: 01/09/25 12:06

Client ID: MW-9

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270E

Extraction Date: 01/12/25 07:30

Analytical Date: 01/14/25 08:16

Analyst: SMZ

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-05

Date Collected: 01/09/25 12:06

Client ID: MW-9

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds

Total TIC Compounds	11.5	J	ug/l	1
Unknown	4.60	J	ug/l	1
Unknown	6.90	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	71		41-149

Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501543-05
 Client ID: MW-9
 Sample Location: OLEAN, NY

Date Collected: 01/09/25 12:06
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 01/12/25 18:56
 Analyst: JG

Extraction Method: EPA 3510C
 Extraction Date: 01/12/25 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.03	JB	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-05

Date Collected: 01/09/25 12:06

Client ID: MW-9

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	74		41-149

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-06

Date Collected: 01/08/25 11:55

Client ID: MW-12

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270E

Extraction Date: 01/12/25 07:30

Analytical Date: 01/14/25 08:39

Analyst: SMZ

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-06

Date Collected: 01/08/25 11:55

Client ID: MW-12

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds

Total TIC Compounds	23.2	J	ug/l	1
Unknown	7.70	J	ug/l	1
Unknown	4.60	J	ug/l	1
Unknown	4.60	J	ug/l	1
Unknown Organic Acid	6.30	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	75		15-120
2,4,6-Tribromophenol	61		10-120
4-Terphenyl-d14	74		41-149

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-06

Date Collected: 01/08/25 11:55

Client ID: MW-12

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270E-SIM

Extraction Date: 01/12/25 07:30

Analytical Date: 01/12/25 19:13

Analyst: JG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-06

Date Collected: 01/08/25 11:55

Client ID: MW-12

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	97		10-120
4-Terphenyl-d14	77		41-149

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-06

Date Collected: 01/08/25 11:55

Client ID: MW-12

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 1633

Analytical Method: 144,1633

Extraction Date: 01/14/25 09:20

Analytical Date: 01/20/25 18:22

Analyst: ANH

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluoropentanoic Acid (PFPeA)	64.0		ng/l	3.09	0.348	1
Perfluorobutanesulfonic Acid (PFBS)	165		ng/l	1.54	0.386	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.18	0.881	1
Perfluorohexanoic Acid (PFHxA)	227		ng/l	1.54	0.240	1
Perfluoropentanesulfonic Acid (PFPeS)	176		ng/l	1.54	0.201	1
Perfluorohexanesulfonic Acid (PFHxS)	854	E	ng/l	1.54	0.131	1
Perfluorooctanoic Acid (PFOA)	75.9		ng/l	1.54	0.255	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.18	4.65	1
Perfluoroheptanesulfonic Acid (PFHpS)	21.3		ng/l	1.54	0.193	1
Perfluorononanoic Acid (PFNA)	0.448	J	ng/l	1.54	0.255	1
Perfluorooctanesulfonic Acid (PFOS)	392		ng/l	1.54	0.255	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.54	0.201	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.18	1.18	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.54	0.193	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.54	0.464	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.54	0.170	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.54	0.131	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.54	0.093	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.54	0.464	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.54	0.209	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.54	0.178	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.54	0.154	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.18	1.54	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.18	0.363	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.54	0.232	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9CI-PF3ONS)	ND		ng/l	6.18	0.425	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-06

Date Collected: 01/08/25 11:55

Client ID: MW-12

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.18	0.433	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.54	0.216	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.54	0.340	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.4	1.26	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.4	1.07	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.09	0.348	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.09	0.317	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.09	0.526	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.73	0.518	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	38.6	4.11	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	38.6	3.08	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-06

Date Collected: 01/08/25 11:55

Client ID: MW-12

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Surrogate	% Recovery			Qualifier	Acceptance Criteria	
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	78				5-130	
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	93				40-130	
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92				40-135	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	223			Q	40-200	
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	116				40-130	
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	133			Q	40-130	
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	93				40-130	
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	79				40-130	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	288			Q	40-200	
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	92				40-130	
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	81				40-130	
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	77				40-130	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	184				40-300	
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	85				40-170	
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	71				30-130	
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	65				40-130	
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	68				25-135	
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	59				10-130	
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	53				10-130	
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	117				40-130	
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	57				10-130	
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	52				10-130	
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	50				10-130	
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	52				10-130	

Project Name: OREGON ROAD SITE**Project Number:** 4343.0001B000**Lab Number:** L2501543**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-06 D

Client ID: MW-12

Sample Location: OLEAN, NY

Date Collected: 01/08/25 11:55

Date Received: 01/10/25

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 144,1633

Analytical Date: 01/21/25 03:42

Analyst: ANH

Extraction Method: EPA 1633

Extraction Date: 01/14/25 09:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	56.2	J	ng/l	61.8	5.10	10
Perfluoroheptanoic Acid (PFHpA)	45.1		ng/l	15.4	2.32	10
Perfluorohexanesulfonic Acid (PFHxS)	823		ng/l	15.4	1.31	10
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	30.9	2.40	10

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-06 D

Date Collected: 01/08/25 11:55

Client ID: MW-12

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Surrogate	% Recovery			Qualifier	Acceptance Criteria	
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	70				5-130	
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	75				40-130	
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	75				40-135	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	93				40-200	
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85				40-130	
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	90				40-130	
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83				40-130	
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77				40-130	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88				40-200	
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	71				40-130	
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	61				40-130	
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	73				40-130	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	52				40-300	
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	69				40-170	
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	58				30-130	
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	56				40-130	
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	30				25-135	
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	53				10-130	
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	46				10-130	
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	79				40-130	
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	50				10-130	
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	43				10-130	
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	45				10-130	
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	48				10-130	

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-07

Date Collected: 01/08/25 12:59

Client ID: MW-13

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270E

Extraction Date: 01/12/25 07:30

Analytical Date: 01/14/25 09:02

Analyst: SMZ

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-07

Date Collected: 01/08/25 12:59

Client ID: MW-13

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds

Total TIC Compounds	7.70	J	ug/l	1
Unknown	7.70	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	66		10-120
4-Terphenyl-d14	76		41-149

Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501543-07
Client ID: MW-13
Sample Location: OLEAN, NY

Date Collected: 01/08/25 12:59
Date Received: 01/10/25
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 01/17/25 13:33
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 01/12/25 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-07

Date Collected: 01/08/25 12:59

Client ID: MW-13

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	73		41-149

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-08

Date Collected: 01/09/25 09:40

Client ID: MW-15

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270E

Extraction Date: 01/12/25 07:30

Analytical Date: 01/14/25 09:25

Analyst: SMZ

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-08

Date Collected: 01/09/25 09:40

Client ID: MW-15

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds

Total TIC Compounds	68.4	J	ug/l	1
Unknown	18.5	J	ug/l	1
Unknown	7.80	J	ug/l	1
Unknown	6.40	J	ug/l	1
Unknown	15.9	J	ug/l	1
Unknown Organic Acid	6.60	J	ug/l	1
Unknown	4.30	J	ug/l	1
Unknown Organic Acid	8.90	J	ug/l	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-08

Date Collected: 01/09/25 09:40

Client ID: MW-15

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	61		10-120
4-Terphenyl-d14	73		41-149

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-08

Date Collected: 01/09/25 09:40

Client ID: MW-15

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270E-SIM

Extraction Date: 01/12/25 07:30

Analytical Date: 01/17/25 14:07

Analyst: JJW

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501543-08
 Client ID: MW-15
 Sample Location: OLEAN, NY

Date Collected: 01/09/25 09:40
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	35		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	90		10-120
4-Terphenyl-d14	73		41-149

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-09

Date Collected: 01/09/25 16:26

Client ID: MW-16

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 3510C

Analytical Method: 1,8270E

Extraction Date: 01/12/25 07:30

Analytical Date: 01/14/25 09:47

Analyst: SMZ

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-09

Date Collected: 01/09/25 16:26

Client ID: MW-16

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds

Total TIC Compounds	7.50	J	ug/l	1
Unknown	7.50	J	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	73		41-149

Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

SAMPLE RESULTS

Lab ID: L2501543-09
 Client ID: MW-16
 Sample Location: OLEAN, NY

Date Collected: 01/09/25 16:26
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 1,8270E-SIM
 Analytical Date: 01/17/25 13:50
 Analyst: JJW

Extraction Method: EPA 3510C
 Extraction Date: 01/12/25 07:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-09

Date Collected: 01/09/25 16:26

Client ID: MW-16

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	74		41-149

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-09

Date Collected: 01/09/25 16:26

Client ID: MW-16

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 1633

Analytical Method: 144,1633

Extraction Date: 01/14/25 09:20

Analytical Date: 01/20/25 18:31

Analyst: ANH

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	19.7		ng/l	6.30	0.520	1
Perfluoropentanoic Acid (PFPeA)	11.3		ng/l	3.15	0.354	1
Perfluorobutanesulfonic Acid (PFBS)	8.32		ng/l	1.57	0.394	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.30	0.898	1
Perfluorohexanoic Acid (PFHxA)	11.9		ng/l	1.57	0.244	1
Perfluoropentanesulfonic Acid (PFPeS)	5.00		ng/l	1.57	0.205	1
Perfluoroheptanoic Acid (PFHpA)	1.27	J	ng/l	1.57	0.236	1
Perfluorohexanesulfonic Acid (PFHxS)	55.1		ng/l	1.57	0.134	1
Perfluorooctanoic Acid (PFOA)	3.53		ng/l	1.57	0.260	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.30	4.74	1
Perfluoroheptanesulfonic Acid (PFHpS)	3.73		ng/l	1.57	0.197	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.57	0.260	1
Perfluorooctanesulfonic Acid (PFOS)	81.2		ng/l	1.57	0.260	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.57	0.205	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.30	1.20	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.57	0.197	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.57	0.472	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.57	0.173	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.57	0.134	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.57	0.095	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.57	0.472	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.57	0.212	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.57	0.181	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.57	0.157	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.30	1.57	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.30	0.370	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.57	0.236	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-09

Date Collected: 01/09/25 16:26

Client ID: MW-16

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.30	0.433	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.30	0.441	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.57	0.220	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.57	0.346	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.7	1.28	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.7	1.09	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.15	0.244	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.15	0.354	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/l	3.15	0.323	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.15	0.535	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.87	0.528	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	39.4	4.19	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	39.4	3.13	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-09

Date Collected: 01/09/25 16:26

Client ID: MW-16

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	88		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	84		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	86		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	88		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	94		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	108		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	87		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	84		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	88		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	76		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	72		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	70		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	56		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	63		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	64		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	71		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	54		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	59		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	54		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	90		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	56		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	56		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	57		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	59		10-130

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-10

Date Collected: 01/09/25 16:00

Client ID: FIELD BLANK

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: EPA 1633

Analytical Method: 144,1633

Extraction Date: 01/14/25 09:20

Analytical Date: 01/20/25 18:40

Analyst: ANH

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	5.96	0.492	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.98	0.335	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.49	0.372	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.96	0.849	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.49	0.231	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.49	0.194	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.49	0.224	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.49	0.127	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.49	0.246	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.96	4.48	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.49	0.186	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.49	0.246	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.49	0.246	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.49	0.194	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.96	1.14	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.49	0.186	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.49	0.447	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.49	0.164	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.49	0.127	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.49	0.089	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.49	0.447	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.49	0.201	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.49	0.171	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.49	0.149	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.96	1.49	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.96	0.350	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.49	0.224	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-10

Date Collected: 01/09/25 16:00

Client ID: FIELD BLANK

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.96	0.410	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.96	0.417	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.49	0.209	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.49	0.328	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.9	1.21	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.9	1.03	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.98	0.231	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.98	0.335	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/l	2.98	0.305	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.98	0.507	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.45	0.499	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	37.2	3.96	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	37.2	2.96	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-10

Date Collected: 01/09/25 16:00

Client ID: FIELD BLANK

Date Received: 01/10/25

Sample Location: OLEAN, NY

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Surrogate	% Recovery			Qualifier	Acceptance Criteria	
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	71				5-130	
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	64				40-130	
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	66				40-135	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	60				40-200	
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	71				40-130	
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	90				40-130	
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	64				40-130	
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	70				40-130	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	72				40-200	
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	69				40-130	
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	65				40-130	
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	74				40-130	
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	64				40-300	
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	69				40-170	
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	76				30-130	
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	74				40-130	
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	54				25-135	
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70				10-130	
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	61				10-130	
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	71				40-130	
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	62				10-130	
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	60				10-130	
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	62				10-130	
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66				10-130	

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS**

Lab ID: L2501543-11
 Client ID: EQUIPMENT BLANK
 Sample Location: OLEAN, NY

Date Collected: 01/09/25 09:30
 Date Received: 01/10/25
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 144,1633
 Analytical Date: 01/20/25 19:36
 Analyst: ANH

Extraction Method: EPA 1633
 Extraction Date: 01/14/25 09:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	5.94	0.490	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.97	0.334	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.48	0.371	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.94	0.847	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.48	0.230	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.48	0.193	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.48	0.223	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.48	0.126	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.48	0.245	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.94	4.47	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.48	0.186	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.48	0.245	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.48	0.245	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.48	0.193	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.94	1.14	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.48	0.186	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.48	0.446	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.48	0.163	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.48	0.126	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.48	0.089	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.48	0.446	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.48	0.200	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.48	0.171	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.48	0.148	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.94	1.48	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.94	0.349	1
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.48	0.223	1



Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2501543-11**Date Collected:** 01/09/25 09:30**Client ID:** EQUIPMENT BLANK**Date Received:** 01/10/25**Sample Location:** OLEAN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.94	0.408	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.94	0.416	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.48	0.208	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.48	0.327	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.8	1.21	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.8	1.02	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.97	0.230	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.97	0.334	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEEESA)	ND		ng/l	2.97	0.304	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.97	0.505	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.43	0.498	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	37.1	3.95	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	37.1	2.96	1

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**SAMPLE RESULTS****Lab ID:** L2501543-11**Date Collected:** 01/09/25 09:30**Client ID:** EQUIPMENT BLANK**Date Received:** 01/10/25**Sample Location:** OLEAN, NY**Field Prep:** Not Specified**Sample Depth:**

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	102		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	95		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	97		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	88		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	101		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	130		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	100		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	106		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	105		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	101		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	103		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	110		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	107		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	104		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	118		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	92		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	94		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	97		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	85		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	99		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	64		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	62		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	75		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	78		10-130

Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 01/12/25 12:20
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 01/11/25 11:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG2018810-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	2.0	J	ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61



Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

Method Blank Analysis Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 01/12/25 12:20
Analyst: SLR

Extraction Method: EPA 3510C
Extraction Date: 01/11/25 11:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG2018810-1					
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Tentatively Identified Compounds

Total TIC Compounds	141	J	ug/l
Unknown	35.8	J	ug/l
Unknown Alkane	4.70	J	ug/l
Unknown	8.00	J	ug/l
Unknown Alcohol	6.00	J	ug/l
Unknown	4.20	J	ug/l
Unknown	5.60	J	ug/l



Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
 Analytical Date: 01/12/25 12:20
 Analyst: SLR

Extraction Method: EPA 3510C
 Extraction Date: 01/11/25 11:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09 Batch: WG2018810-1					

Tentatively Identified Compounds

Unknown	48.5	J	ug/l
Unknown	5.10	J	ug/l
Unknown	8.90	J	ug/l
Unknown Alkane	4.10	J	ug/l
Unknown	4.90	J	ug/l
Unknown	4.70	J	ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	97		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	97		41-149

Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 01/12/25 17:32
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 01/11/25 11:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-09 Batch: WG2018811-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	0.06	J	ug/l	0.10	0.03
Hexachlorobutadiene	0.06	J	ug/l	0.50	0.02
Naphthalene	0.10		ug/l	0.10	0.02
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.03
Benzo(a)pyrene	0.09	J	ug/l	0.10	0.02
Benzo(b)fluoranthene	0.08	J	ug/l	0.10	0.03
Benzo(k)fluoranthene	0.08	J	ug/l	0.10	0.03
Chrysene	0.05	J	ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	0.04	J	ug/l	0.10	0.02
Benzo(ghi)perylene	0.15		ug/l	0.10	0.02
Fluorene	0.07	J	ug/l	0.10	0.03
Phenanthrene	0.09	J	ug/l	0.10	0.04
Dibenzo(a,h)anthracene	0.20		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	0.16		ug/l	0.10	0.02
Pyrene	0.06	J	ug/l	0.10	0.04
2-Methylnaphthalene	0.07	J	ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	0.07	J	ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 01/12/25 17:32
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 01/11/25 11:23

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-09 Batch: WG2018811-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	35		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	46		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	52		41-149

Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

Method Blank Analysis Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 01/20/25 16:53
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 01/14/25 09:20

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06,09-11 Batch: WG2019544-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	0.528
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.360
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.400
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	0.912
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	0.248
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.208
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.240
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.136
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.264
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	4.82
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.200
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.264
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	0.264
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.208
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	1.22
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.200
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	0.480
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.176
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.136
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.096
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.480
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.216
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.184
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	0.160
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	1.60
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	0.376
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.240



Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

Method Blank Analysis Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 01/20/25 16:53
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 01/14/25 09:20

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06,09-11 Batch: WG2019544-1					
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	0.440
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	0.448
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.224
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.352
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	1.30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.10
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.248
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.360
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.328
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	0.544
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	0.536
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	4.26
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	3.18

Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

Method Blank Analysis Batch Quality Control

Analytical Method: 144,1633
Analytical Date: 01/20/25 16:53
Analyst: ANH

Extraction Method: EPA 1633
Extraction Date: 01/14/25 09:20

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 06,09-11 Batch: WG2019544-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	89		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	81		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	92		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	82		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	85		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	103		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	88		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	89		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	86		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	77		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	84		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	72		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	69		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	88		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	84		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	62		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	82		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	75		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	86		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	48		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	46		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	60		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	61		10-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: OREGON ROAD SITE

Lab Number: L2501543

Project Number: 4343.0001B000

Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG2018810-2 WG2018810-3								
Bis(2-chloroethyl)ether	95		93		40-140	2		30
3,3'-Dichlorobenzidine	88		38	Q	40-140	79	Q	30
2,4-Dinitrotoluene	97		91		48-143	6		30
2,6-Dinitrotoluene	105		96		40-140	9		30
4-Chlorophenyl phenyl ether	103		96		40-140	7		30
4-Bromophenyl phenyl ether	101		98		40-140	3		30
Bis(2-chloroisopropyl)ether	102		96		40-140	6		30
Bis(2-chloroethoxy)methane	97		94		40-140	3		30
Hexachlorocyclopentadiene	64		66		40-140	3		30
Isophorone	102		96		40-140	6		30
Nitrobenzene	101		98		40-140	3		30
NDPA/DPA	93		63		40-140	38	Q	30
n-Nitrosodi-n-propylamine	104		95		29-132	9		30
Bis(2-ethylhexyl)phthalate	104		100		40-140	4		30
Butyl benzyl phthalate	98		99		40-140	1		30
Di-n-butylphthalate	104		97		40-140	7		30
Di-n-octylphthalate	108		108		40-140	0		30
Diethyl phthalate	104		99		40-140	5		30
Dimethyl phthalate	100		92		40-140	8		30
Biphenyl	87		83		40-140	5		30
4-Chloroaniline	68		49		40-140	32	Q	30
2-Nitroaniline	104		101		52-143	3		30
3-Nitroaniline	83		71		25-145	16		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: OREGON ROAD SITE

Lab Number: L2501543

Project Number: 4343.0001B000

Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG2018810-2 WG2018810-3								
4-Nitroaniline	97		97		51-143	0		30
Dibenzofuran	94		88		40-140	7		30
1,2,4,5-Tetrachlorobenzene	98		93		2-134	5		30
Acetophenone	94		90		39-129	4		30
2,4,6-Trichlorophenol	115		104		30-130	10		30
p-Chloro-m-cresol	107	Q	101	Q	23-97	6		30
2-Chlorophenol	92		88		27-123	4		30
2,4-Dichlorophenol	92		89		30-130	3		30
2,4-Dimethylphenol	75		59		30-130	24		30
2-Nitrophenol	95		93		30-130	2		30
4-Nitrophenol	58		60		10-80	3		30
2,4-Dinitrophenol	94		99		20-130	5		30
4,6-Dinitro-o-cresol	109		105		20-164	4		30
Phenol	53		54		12-110	2		30
2-Methylphenol	84		81		30-130	4		30
3-Methylphenol/4-Methylphenol	81		77		30-130	5		30
2,4,5-Trichlorophenol	111		105		30-130	6		30
Carbazole	97		92		55-144	5		30
Atrazine	128		117		40-140	9		30
Benzaldehyde	90		88		40-140	2		30
Caprolactam	59		53		10-130	11		30
2,3,4,6-Tetrachlorophenol	117		110		40-140	6		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: OREGON ROAD SITE

Lab Number: L2501543

Project Number: 4343.0001B000

Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09 Batch: WG2018810-2 WG2018810-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	76		76		21-120
Phenol-d6	55		52		10-120
Nitrobenzene-d5	105		100		23-120
2-Fluorobiphenyl	98		90		15-120
2,4,6-Tribromophenol	99		94		10-120
4-Terphenyl-d14	97		92		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: OREGON ROAD SITE

Lab Number: L2501543

Project Number: 4343.0001B000

Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-09 Batch: WG2018811-2 WG2018811-3								
Acenaphthene	47		46		40-140	2		40
2-Chloronaphthalene	47		46		40-140	2		40
Fluoranthene	50		50		40-140	0		40
Hexachlorobutadiene	39	Q	39	Q	40-140	0		40
Naphthalene	43		43		40-140	0		40
Benzo(a)anthracene	49		50		40-140	2		40
Benzo(a)pyrene	50		50		40-140	0		40
Benzo(b)fluoranthene	52		52		40-140	0		40
Benzo(k)fluoranthene	52		52		40-140	0		40
Chrysene	46		47		40-140	2		40
Acenaphthylene	47		46		40-140	2		40
Anthracene	48		48		40-140	0		40
Benzo(ghi)perylene	51		52		40-140	2		40
Fluorene	50		50		40-140	0		40
Phenanthrene	47		47		40-140	0		40
Dibenzo(a,h)anthracene	48		49		40-140	2		40
Indeno(1,2,3-cd)pyrene	50		52		40-140	4		40
Pyrene	50		50		40-140	0		40
2-Methylnaphthalene	47		46		40-140	2		40
Pentachlorophenol	63		61		40-140	3		40
Hexachlorobenzene	48		48		40-140	0		40
Hexachloroethane	36	Q	36	Q	40-140	0		40

Lab Control Sample Analysis **Batch Quality Control**

Project Name: OREGON ROAD SITE

Lab Number: L2501543

Project Number: 4343.0001B000

Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
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Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-09 Batch: WG2018811-2 WG2018811-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	40		39		21-120
Phenol-d6	31		30		10-120
Nitrobenzene-d5	51		50		23-120
2-Fluorobiphenyl	49		47		15-120
2,4,6-Tribromophenol	68		65		10-120
4-Terphenyl-d14	53		53		41-149

Lab Control Sample Analysis **Batch Quality Control**

Project Name: OREGON ROAD SITE

Project Number: 4343.0001B000

Lab Number: L2501543

Report Date: 01/24/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06,09-11 Batch: WG2019544-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	117		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	113		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	115		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	114		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	106		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	106		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	100		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	112		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	98		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	115		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	119		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	118		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	120		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	105		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	128		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	112		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	116		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	124		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	104		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	110		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	110		-		70-145	-		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: OREGON ROAD SITE

Project Number: 4343.0001B000

Lab Number: L2501543

Report Date: 01/24/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06,09-11 Batch: WG2019544-2 LOW LEVEL								
Perfluorododecanoic Acid (PFDoA)	117		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	108		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	113		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	108		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	91		-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	104		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	116		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	109		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	119		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	114		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	113		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	112		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	112		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	118		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	118		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	116		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	110		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	113		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	87		-		50-145	-		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: OREGON ROAD SITE

Lab Number: L2501543

Project Number: 4343.0001B000

Report Date: 01/24/25

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06,09-11 Batch: WG2019544-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	94				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	89				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	84				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	84				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	97				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	116				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	94				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	103				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	92				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	85				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	88				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	74				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	85				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	83				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	78				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	73				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	79				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	79				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	99				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	56				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	58				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	63				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	68				10-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: OREGON ROAD SITE

Project Number: 4343.0001B000

Lab Number: L2501543

Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06,09-11 Batch: WG2019544-3								
Perfluorobutanoic Acid (PFBA)	110		-		70-140	-		30
Perfluoropentanoic Acid (PFPeA)	99		-		65-135	-		30
Perfluorobutanesulfonic Acid (PFBS)	107		-		60-145	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	101		-		70-145	-		30
Perfluorohexanoic Acid (PFHxA)	112		-		70-145	-		30
Perfluoropentanesulfonic Acid (PFPeS)	107		-		65-140	-		30
Perfluoroheptanoic Acid (PFHpA)	89		-		70-150	-		30
Perfluorohexanesulfonic Acid (PFHxS)	101		-		65-145	-		30
Perfluorooctanoic Acid (PFOA)	85		-		70-150	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	111		-		65-155	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	111		-		70-150	-		30
Perfluorononanoic Acid (PFNA)	108		-		70-150	-		30
Perfluorooctanesulfonic Acid (PFOS)	103		-		55-150	-		30
Perfluorodecanoic Acid (PFDA)	109		-		70-140	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	116		-		60-150	-		30
Perfluorononanesulfonic Acid (PFNS)	104		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	103		-		50-140	-		30
Perfluoroundecanoic Acid (PFUnA)	119		-		70-145	-		30
Perfluorodecanesulfonic Acid (PFDS)	98		-		60-145	-		30
Perfluorooctanesulfonamide (PFOSA)	102		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	113		-		70-145	-		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: OREGON ROAD SITE

Project Number: 4343.0001B000

Lab Number: L2501543

Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06,09-11 Batch: WG2019544-3								
Perfluorododecanoic Acid (PFDoA)	111		-		70-140	-		30
Perfluorotridecanoic Acid (PFTrDA)	98		-		65-140	-		30
Perfluorotetradecanoic Acid (PFTeDA)	112		-		60-140	-		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	107		-		70-140	-		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	86		-		65-145	-		30
Perfluorododecanesulfonic Acid (PFDoS)	95		-		50-145	-		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	112		-		70-155	-		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUs)	105		-		55-160	-		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	109		-		60-150	-		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	102		-		65-145	-		30
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	101		-		70-145	-		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	101		-		70-135	-		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	106		-		55-140	-		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	120		-		60-150	-		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	123		-		70-140	-		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	114		-		50-150	-		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	125		-		65-130	-		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	116		-		70-135	-		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	76		-		50-145	-		30

Lab Control Sample Analysis **Batch Quality Control**

Project Name: OREGON ROAD SITE

Lab Number: L2501543

Project Number: 4343.0001B000

Report Date: 01/24/25

Parameter	LCS %Recovery	Qual	LCS %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 06,09-11 Batch: WG2019544-3								

Surrogate	LCS %Recovery	Qual	LCS %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	103				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	97				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	99				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	95				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	99				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	131	Q			40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	105				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	106				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	97				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	109				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	106				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	111				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	89				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	107				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	100				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	97				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	90				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	102				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	98				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	103				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	72				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	76				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	85				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	90				10-130

Project Name: OREGON ROAD SITE**Lab Number:** L2501543**Project Number:** 4343.0001B000**Report Date:** 01/24/25**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2501543-01A	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-01B	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-01C	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-01D	Amber 100ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2501543-01E	Amber 100ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2501543-02A	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-02B	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-02C	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-02D	Amber 100ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2501543-02E	Amber 100ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2501543-03A	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-03B	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-03C	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-03D	Amber 100ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2501543-03E	Amber 100ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2501543-04A	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-04B	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-04C	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-04D	Amber 100ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2501543-04E	Amber 100ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2501543-05A	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-05B	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-05C	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-05D	Amber 100ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2501543-05E	Amber 100ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2501543-06A	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-06B	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-06C	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-06D	Amber 100ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2501543-06E	Amber 100ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2501543-06F	Plastic 500ml unpreserved	B	NA		3.0	Y	Absent		A2-NY-1633(28)
L2501543-06G	Plastic 500ml unpreserved	B	NA		3.0	Y	Absent		A2-NY-1633(28)
L2501543-07A	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-07B	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-07C	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-07D	Amber 100ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2501543-07E	Amber 100ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2501543-08A	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-08B	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-08C	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-08D	Amber 100ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2501543-08E	Amber 100ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2501543-09A	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)

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Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2501543-09B	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-09C	Vial HCl preserved	B	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L2501543-09D	Amber 100ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2501543-09E	Amber 100ml unpreserved	B	7	7	3.0	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2501543-09F	Plastic 500ml unpreserved	B	NA		3.0	Y	Absent		A2-NY-1633(28)
L2501543-09G	Plastic 500ml unpreserved	B	NA		3.0	Y	Absent		A2-NY-1633(28)
L2501543-10F	Plastic 500ml unpreserved	B	NA		3.0	Y	Absent		A2-NY-1633(28)
L2501543-10G	Plastic 500ml unpreserved	B	NA		3.0	Y	Absent		A2-NY-1633(28)
L2501543-11F	Plastic 500ml unpreserved	B	NA		3.0	Y	Absent		A2-NY-1633(28)
L2501543-11G	Plastic 500ml unpreserved	B	NA		3.0	Y	Absent		A2-NY-1633(28)

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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 144 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. Draft EPA Method 1633, EPA Document 821-D-22-001, June 2022.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at its own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Pace Analytical Services LLCFacility: **Northeast**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**Revision **26**Published Date: **01/23/2025**Page **1** of **2****Certification Information****The following analytes are not included in our Primary NELAP Scope of Accreditation:****Westborough Facility – 8 Walkup Dr. Westborough, MA 01581****EPA 624.1:** m/p-xylene, o-xylene, Naphthalene**EPA 625.1:** alpha-Terpineol**EPA 8260D:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270E:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****SM 2540D:** TSS.**EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.**Nonpotable Water:** **EPA RSK-175 Dissolved Gases****Biological Tissue Matrix:** EPA 3050B**Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048****EPA TO-15:** Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Nonpotable Water: **EPA RSK-175 Dissolved Gases****The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:****Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****Alpha SOP 23528****The following analytes are included in our Massachusetts DEP Scope of Accreditation****Westborough Facility – 8 Walkup Dr. Westborough, MA 01581****Drinking Water****EPA 300.0:** Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,****EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B****EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.**Microbiology:** **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.****Non-Potable Water****SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH:** Ammonia-N and Kjeldahl-N, **EPA 350.1:**Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E,****SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.**EPA 624.1:** Volatile Halocarbons & Aromatics,**EPA 608.3:** Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II,

Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).**Microbiology:** **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.****Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048****Drinking Water****EPA 200.7:** Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg.****EPA 522, EPA 537.1.****Non-Potable Water****EPA 200.7:** Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.**EPA 200.8:** Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.**EPA 245.1 Hg.****SM2340B**

Pace Analytical Services LLCID No.: **17873**Facility: **Northeast**

Revision 26

Department: **Quality Assurance**

Published Date: 01/23/2025

Title: **Certificate/Approval Program Summary**

Page 2 of 2

Certification IDs:**Westborough Facility – 8 Walkup Dr. Westborough, MA 01581**

CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 2		Date Rec'd in Lab 01/11/25		ALPHA Job # L2501543			
Client Information Client: <u>ROUX</u> Address: <u>2558 HAMBURG TURNPIKE</u> Phone: <u>716 638 7931</u> Fax: _____ Email: <u>pt+branch@rouxinc.com</u>		Project Information Project Name: <u>OREGON ROAD SITE</u> Project Location: <u>OLEAN, NY</u> Project # _____ (Use Project name as Project #) ☐ Project Manager: _____ ALPHAQuote #: _____ Turn-Around Time Standard ☒ Rush (only if pre approved) ☐ Due Date: _____ # of Days: _____		Deliverables ☐ ASP-A ☐ ASP-B ☐ EQUIS (1 File) ☐ EQUIS (4 File) ☐ Other _____		Billing Information ☐ Same as Client Info PO # _____		Regulatory Requirement ☐ NY TOGS ☐ NY Part 375 ☐ AWQ Standards ☐ NY CP-51 ☐ NY Restricted Use ☐ Other _____ ☐ NY Unrestricted Use ☐ NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: ☐ NJ ☐ NY ☐ Other: _____	
These samples have been previously analyzed by Alpha ☐ Other project specific requirements/comments: _____ Please specify Metals or TAL. _____						ANALYSIS VOCs SVOCs PFAS		Sample Filtration ☐ Done ☐ Lab to do Preservation ☐ Lab to do (Please Specify below) Sample Specific Comments		Total Bottles	
ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date Time		Sample Matrix	Sampler's Initials						
01543-01	MW-2R	1/9/25	13:51	Env	TB	X	X				
-02	MW-5	1/9/25	15:13	WATER		X	X				
-03	MW-7	1/9/25	11:00			X	X				
-04	MW-8	1/8/25	16:54			X	X				
-05	MW-8	1/9/25	16:53			X	X				
-06	MW-9	1/9/25	12:06			X	X				
-07	MW-12	1/8/25	11:56			X	X	X			
-08	MW-13	1/8/25	12:54			X	X				
-09	MW-15	1/9/25	9:40			X	X				
	MW-16	1/9/25	16:26			X	X	X			
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type A A P		Preservative B A A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)	
Relinquished By: <u>Rouxco mack</u> <u>Russell B. Bishop</u>		Date/Time <u>1-10-25 11:30</u> <u>1-10-25 15:27</u>		Received By: <u>Rouxco mack/Pace</u> <u>Bu P. P. 10 S/c</u> <u>me</u>		Date/Time <u>1-10-25 10:00</u> <u>1-10-25 11:30</u> <u>1/11/25 00:20</u>					

[illegible]

Data Validation Services

120 Cobble Creek Road P. O. Box 208

North Creek, NY 12853

Phone (518) 251-4429

harry@frontiernet.net

May 3, 2025

Charlotte Clark

Roux Environmental Engineering and Geology, D. P. C.

2558 Hamburg Turnpike Suite 300

Buffalo, NY 14218

RE: Oregon Road Site – Groundwater

Data Usability Summary Report (DUSR); Validation of Analytical Laboratory Data Packages
Pace/Alpha SDG Nos. L2440892 and L2501543

Dear Ms. Clark:

Review has been completed for the data package generated by Alpha Analytical that pertains to samples collected 07/18/24 and 01/09/25 at the Silo City site. Nineteen aqueous samples and a field duplicate were processed for TCL and NYCRR Part 375 Volatile analytes by USEPA SW846 method 8260D, TCL semivolatiles, and Tentatively Identified Compounds (TICs) by SW86 method 8270E. Four of those samples, a separate field duplicate, an equipment blank, and a field blank were processed for per- and polyfluoroalkyl substances (PFAS) by USEPA draft method 1633. A trip blank was also processed.

The data packages submitted by the laboratory contain full deliverables for validation, and this usability report is generated from review of the QC summary form information, with full review of sample raw data and limited review of associated QC raw data. The reported QC summary forms and sample raw data have been reviewed for application of validation qualifiers, with guidance from the USEPA national and regional validation documents and the specific requirements of the analytical methodology. The following items were reviewed:

- * Data Completeness
- * Case Narrative
- * Custody Documentation
- * Holding Times
- * Surrogate/Isotopic Dilution/Internal Standard Recoveries
- * Preparation Blanks
- * Matrix Spike Recoveries and Correlations
- * Blind Field Duplicate Correlations
- * Laboratory Control Sample (LCS)
- * Instrumental Tunes
- * Initial and Continuing Calibration Standards
- * Method Compliance
- * Sample Result Verification

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR level review, as discussed in NYS DER-10 Appendix B Section 2.0 (c). Documentation of the outlying parameters cited in this report can be found in the laboratory data package.

In summary, the results for the samples are usable as reported, with the exception that the results for 1,4-dioxane are not usable due to the limitations of laboratory analytical methodology.

Data completeness, accuracy, precision, representativeness, reproducibility, and comparability are acceptable. Matrix accuracy and precision were evaluated in the July event with matrix spikes and field duplicates.

Validation data qualifier definitions and client sample identifications are attached to this text. Also included in this report is the laboratory EDD with recommended qualifiers applied in red. The data include analyses of nine locations collected in each of two events. The client sample identifications are the same in both events, and are distinguished in this narrative parenthetically by collection date.

Chain-of-Custody

The laboratory entered MW-13 (July) as a sample from the custody entry that noted matrix spikes of that parent sample. That sample was also entered as a separate line item, and therefore there are two results for MW-13 reported for that event.

A trip blank not entered on the custody form was received in July, and was processed and reported.

Interim custody transfer receipt and subsequent relinquish date and/or time entries were omitted from custody forms SDGs.

Discrepancies between collection date and BD suffixes were resolved at sample receipt.

Blind Field Duplicate

Blind field duplicate evaluations were performed in July for volatile and semivolatile analytes on MW-8 and for PFAS on MW-12. Both show correlations within validation guidelines.

TCL and CP-51 Volatile Analyses by EPA 8260D

Results for 1,4-dioxane are rejected in the samples due to low relative responses in the calibration standards. That analyte was reported only in the samples collected in September. Other calibration standards show responses within validation action levels.

The matrix spikes (MS and MSD) of MW-13 (July) show recoveries and correlations within validation guidelines.

Calibration standards show responses within validation action levels, with the following exceptions, results for which are qualified in the indicated associated samples:

- Bromomethane, 1,2,3-trichlorobenzene, and 1,2,4-trichlorobenzene (21%D to 52%D) in MW-2R, MW-5, MW-7, MW-8, and MW-9 (all July)
- Bromoform, 1,1,2,2-tetrachloroethane, and 1,2,4-trimethylbenzene (21%D to 27%D) in MW-12, MW-13, MW-15, MW-16, BD-1, MW-13, and TRIP BLANK (all July)
- Bromoform and naphthalene (21%D to 25%D) in all samples reported in SDG L2501543

Holding times were met. Surrogate and internal standard recoveries are compliant. Blanks show no contamination.

TCL Semivolatile Analyses by EPA 8270E - Full Scan and SIM

The blank associated with MW-16 (July) shows naphthalene contamination, and that sample was therefore reextracted, but beyond holding time. The initial extract of MW-16 shows naphthalene concentration sufficiently above the blank concentration that no qualification to the initial value is applicable.

The method blank associated with samples reported in January had contamination of seventeen analytes, four of which were above the reporting limit concentrations. The detections of benzo(g,h,i)perylene in MW-8 and naphthalene in all samples in that event are therefore considered external contamination and edited to reflect nondetection at the reporting limits.

The matrix spikes (MS and MSD) of MW-13 (July) show recoveries and correlations within validation guidelines.

Results for the following analytes are qualified as estimated due to low recoveries in the associated LCSs:

<u>Parent Sample</u>	<u>Analyte</u>	<u>Outlying % Recoveries</u>	<u>Outlying %RPD</u>
MW-16 (July)	hexachloroethane	39	47
Samples collected in January WG2018811-2,3	3,3'-dichlorobenzidine	38	79
	hexachlorobutadiene	39,39	
	hexachloroethane	36,36	

Surrogate and internal standard recoveries are compliant.

Calibration standards show responses within validation action levels, with the following exceptions, results for which are qualified in the indicated associated samples: 4-bromophenyl phenyl ether (24%D) in all samples reported in SDG L501543.

The TICs that were also present in the associated blank have been removed from consideration as sample components.

A TIC eluting at 9.8' reported in MW-5 can be further characterized as a sulfuric compound.

PFAS by Draft EPA Method 1633

The result for PFNA in MW-12 is qualified as being Estimated Maximum Possible Concentration due to an outlying ion ratio.

Matrix spikes of MW-16 (July) show recoveries and correlations within validation guidelines. LCS recoveries are compliant.

Due to outlying associated isotopic dilution standard recoveries, The following results are qualified as estimated:

- PFHxS in MW-16 (July)
- PFPeA and PFHpA in MW-12 (January)

Calibration standard responses are compliant. Blanks show no contamination.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,

A handwritten signature in cursive script that reads "Judy Harry".

Judy Harry

Attachments: Validation Data Qualifier Definitions
 Sample Identifications
 Qualified Laboratory EQUIS EDDs

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

Sample Identification Summary

Project Name: OREGON RD
Project Number: 4343.0001B000

Lab Number: L2440892
Report Date: 08/01/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2440892-01	MW-2R	WATER	OLEAN, NY	07/18/24 13:27	07/19/24
L2440892-02	MW-5	WATER	OLEAN, NY	07/18/24 17:04	07/19/24
L2440892-03	MW-7	WATER	OLEAN, NY	07/18/24 11:47	07/19/24
L2440892-04	MW-8	WATER	OLEAN, NY	07/18/24 10:39	07/19/24
L2440892-05	MW-9	WATER	OLEAN, NY	07/18/24 12:39	07/19/24
L2440892-06	MW-12	WATER	OLEAN, NY	07/18/24 15:50	07/19/24
L2440892-07	MW-13	WATER	OLEAN, NY	07/18/24 15:12	07/19/24
L2440892-08	MW-15	WATER	OLEAN, NY	07/18/24 16:15	07/19/24
L2440892-09	MW-16	WATER	OLEAN, NY	07/18/24 16:26	07/19/24
L2440892-10	BD-1	WATER	OLEAN, NY	07/18/24 08:01	07/19/24
L2440892-11	BD-2	WATER	OLEAN, NY	07/18/24 08:00	07/19/24
L2440892-12	MW-13	WATER	OLEAN, NY	07/18/24 15:12	07/19/24
L2440892-14	TRIP BLANK	WATER	OLEAN, NY	07/18/24 00:00	07/19/24



Project Name: OREGON ROAD SITE
Project Number: 4343.0001B000

Lab Number: L2501543
Report Date: 01/24/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2501543-01	MW 2R	WATER	OLEAN, NY	01/09/25 13:51	01/10/25
L2501543-02	MW-5	WATER	OLEAN, NY	01/09/25 15:13	01/10/25
L2501543-03	MW-7	WATER	OLEAN, NY	01/09/25 11:00	01/10/25
L2501543-04	MW-8	WATER	OLEAN, NY	01/09/25 16:53	01/10/25
L2501543-05	MW-9	WATER	OLEAN, NY	01/09/25 12:06	01/10/25
L2501543-06	MW-12	WATER	OLEAN, NY	01/08/25 11:55	01/10/25
L2501543-07	MW-13	WATER	OLEAN, NY	01/08/25 12:59	01/10/25
L2501543-08	MW-15	WATER	OLEAN, NY	01/09/25 09:40	01/10/25
L2501543-09	MW-16	WATER	OLEAN, NY	01/09/25 16:26	01/10/25
L2501543-10	FIELD BLANK	WATER	OLEAN, NY	01/09/25 16:00	01/10/25
L2501543-11	EQUIPMENT BLANK	WATER	OLEAN, NY	01/09/25 09:30	01/10/25