In-Situ Soil Solidification Study Report

37 Otsego Street
Brooklyn, New York 11231
Block 579, Lot 1
BCP Site No. C224300

Submitted to:
New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau C
625 Broadway, 12th Floor
Albany, NY 12233-7016

Prepared for:
Columbia SF LLC
670 Myrtle Avenue, Suite 438
Brooklyn, New York 11205

Prepared by:
Matthew M. Carroll, P.E.
1085 Sackett Avenue
Bronx, NY 10461

April 28, 2026

TABLE OF CONTENTS

37 Otsego Street **1**
Brooklyn, New York 11231 ..... **1**
Block 579, Lot 1 ..... **1**
BCP Site No. C224300 ..... **1**
1.0 INTRODUCTION **1**
1.1 Project Background 1
1.2 Summary of Site Conditions and Proposed Remedial Actions 1
1.3 Soil and Groundwater Conditions 2
2.0 TREATABILITY STUDY RESULTS **3**
2.1 Field Investigation – Soil 3
2.2 Field Investigation – Groundwater 3
2.3 Sample Analysis – Discrete Soil Samples 4
2.4 Treatability Material 4
2.5 Sample Analysis – Composite and Mixed Samples 5
2.6 Deviations 6
2.7 Conclusions and Recommendations 6
3.0 ISS DESIGN WORK PLAN **8**
3.1 Soil Excavation 8
3.2 ISS Treatment Area and Depth 8
3.3 ISS Pilot Test and Baseline Sampling 8
3.4 Soil Excavation 9
3.5 ISS Means and Methods 9
3.6 Obstruction Procedures 12
3.7 Record Keeping 13
3.8 Performance Testing 13
3.9 Daily Reporting 14
3.10 Community Air Monitoring Plan (CAMP) and Nuisance Odor Control and Suppression 15
3.11 Contingency Plan 15
4.0 SCHEDULE AND REPORTING **16**

FIGURES

Figure 1 – Site Location Map
Figure 2 – Site Layout
Figure 3 – Sample Locations

TABLE

Table 1 – Pre-ISS Soil Sample Results

APPENDICES

Appendix 1 – ISS Treatment Area and Proposed Off-site Monitoring Well Locations
Appendix 2 – Treatability Testing Report for the 37 Otsego Street Site, Brooklyn, New York
Appendix 3 – Support of Excavation Drawings
Appendix 4 – Soil Boring Logs
Appendix 5 – Excavator Specification
Appendix 6 – GPS Specification
Appendix 7 – Sample Collection Tool
Appendix 8 – Proposed Cell Layout and Cell Mix
Appendix 9 – Laboratory Deliverables

CERTIFICATION

I, Matthew M. Carroll, certify that I am currently a registered professional engineer licensed by the State of New York and that this In-Situ Soil Solidification Study Report was prepared in accordance with all applicable statues and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

091629 04/28/2026

NYS Professional Engineer # Date

Matthew M. Carroll, P.E.
Signature/Stamp

It is a violation of Article 145 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 145, New York State Education Law.

1.0 INTRODUCTION

1.1 Project Background

Matthew M. Carroll, PE, on behalf of Columbia SF LLC (the Volunteer), has prepared this In-situ Soil Solidification (ISS) Study Report, as required by the approved Remedial Action Work Plan (RAWP) prepared by AKRF, Inc. (AKRF) and dated January 2024. The January 2024 RAWP was approved by the New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) in February 2024. Matthew M. Carroll, PE is the current Remedial Engineer for the Site.

The Site is located at 37 Otsego Street, Brooklyn, New York 11231 (Figure 1). During an investigation in December 2015, evidence of petroleum contamination was noted in the western portion of the Site, including petroleum odors, elevated photoionization detector (PID) readings, and the presence of light nonaqueous phase liquid (LNAPL) and a spill was reported to the NYSDEC spill hotline. Spill No. 1509420 was assigned to the Site on December 15, 2015. This spill is currently open. The Site was accepted into the New York State Brownfield Cleanup Program (BCP) as a Volunteer and was assigned BCP Site No. C224300. A Brownfield Cleanup Agreement (BCA) was executed on March 2, 2020. On January 20, 2022, the lease interest for the Site was transferred to Columbia SF LLC, and the BCA was amended (March 2022) to remove the original applicant and add the new lessee as the Volunteer applicant/remedial party to the BCA.

This Study Report was developed to present the findings of the ISS Treatability Studies (July and December 2025) and document the proposed ISS application.

1.2 Summary of Site Conditions and Proposed Remedial Actions

The Site is located in the Red Hook neighborhood of Kings County (Brooklyn) and is comprised of three tax lots (Block 579, Lots 1, 2 and 3). The lot occupies an entire city block and is located on the eastern side of Otsego Street between Lorraine Street and Creamer Street and extends to Columbia Street. The Site consists of 200 feet of street frontage along Otsego Street and Columbia Street and 500 feet of street frontage along Lorraine Street and Creamer Street. The Site is approximately 100,000 square feet (2.30 acres) and is bound by Lorraine Street to the north, Creamer Street to the south, Columbia Street to the east, and Otsego Street to the west (Figure 2).

In-situ stabilization of soil will be conducted in the western portion of the Site to address the gross petroleum-contaminated soil and to close-out Spill No. 1509420. The soil mixing for the ISS will be conducted in an approximately 25,000 square foot area down to 28 feet below ground surface (ft bgs). A six-foot soil cut will be excavated in this area to contain the ISS spoils and increased soil volume (swell) created by the soil mixing. The target ISS area is shown on Figure 9 of the RAWP.

1.3 Soil and Groundwater Conditions

Based on the historic investigations and the known extent of petroleum contamination, the ISS treatment is required for approximately 25,000 square foot area, and the target treatment depth is 28 ft bgs, for a treatment volume of approximately 20,500 cubic yards. Although the gross contamination has been noted down to 20 ft bgs, the Site is underlain by soft sediment/native clay up to a depth of approximately 25 ft bgs. Based on geotechnical considerations, ISS will be extended to approximately 28 ft bgs to prevent liquification of the soft sediment below and to limit settlement of the concrete block/mass created by ISS.

The primary objective of ISS is to permanently immobilize soil contaminants into a soil-cement matrix.

Soil
Based on the Remedial Investigation Report (RIR) prepared by Roux Environmental Engineering and Geology, D.P.C. (Roux), dated August 2022, the following petroleum-related compounds were detected in exceedance of the Part 375 Unrestricted Use soil cleanup objectives (SCOs): benzene [max: 0.093 milligrams per kilogram (mg/kg)], ethylbenzene (max: 1.6 mg/kg), xylenes (max: 2.3 mg/kg) and naphthalene (max: 230 mg/kg).

Gross contamination in the form of odor, staining and non-aqueous phase liquid (NAPL) have been documented in soil within the treatment area.

Groundwater
Based on the RIR prepared by Roux, dated August 2022, the following petroleum-related compounds were detected in exceedance of the TOGS 1.1.1 Ambient Water Quality Standards (AWQSs): benzene [max: 22 micrograms per liter (ug/L)], ethylbenzene (max: 170 ug/L), xylenes (max: 10 ug/L), naphthalene (3,600 ug/L), 1,2,4-trimethylbenzene (max: 47 ug/L) and n-propylbenzene (max: 45 ug/L). Source area groundwater sampling was not completed in the Treatability Study.

2.0 TREATABILITY STUDY RESULTS

This section details the field investigation and bench-scale treatability study results. The work was completed in accordance with the approved ISS Treatability Study Work Plan, dated July 2025.

2.1 Field Investigation – Soil

In July and December 2025, five soil borings were advanced to 28 ft bgs across the ISS study area. As shown on Figure 3, the borings were uniformly distributed across the ISS area. Soil material was collected from the entire 22 foot treatment interval (6 to 28 ft bgs).

In the December 2025 borings, all material collected from the five borings was placed into two 5-gallon plastic buckets for the lab composite. The collected interval was from 6 to 28 ft bgs, the same as the proposed treatment interval. The soil material was screened continuously to the boring termination depth for total organic vapor concentration using a PID equipped with a 10.6 electron volt (eV) bulb, and for visual and olfactory indications of environmental impacts (e.g., staining and odor). Soil borings logs are included in Appendix 4.

Product was observed in borings GB-2, GB-3 and GB-5 and staining was observed in GB-1 during the July 2025 sampling, including within the historic fill interval. In December 2025, product was observed in SB-1, SB-2 and SB-3. Petroleum-like odors were noted in all borings. Material from each of these impacted intervals was included in the composite sample created in December 2025, which included material from throughout the soil column. The material encountered included fill material, which was predominantly sand and silt with some clay, and an underlying clay interval with some sand intervals. The ISS treatability soil material was collected into 5-gallon plastic buckets and submitted to the laboratory where it was homogenized in the lab during the treatability study. Following homogenization, the mixed material was described as “dark stained loamy sand,” consistent with the lower percentage of silt and clay.

Discrete soil samples were also collected at the intervals of highest suspected contamination from each boring based on visual and field readings, as noted in the boring logs.

2.2 Field Investigation – Groundwater

Groundwater sampling was not completed during the treatability study. Consistent with Section 7.0 of the RAWP, groundwater samples will be collected from each of the three off-site permanent monitoring wells (MW-7, MW-10, and MW-11), installed in the adjacent sidewalks (in the western portion of the Site), will be completed during the implementation of the ISS remedial action.

2.3 Sample Analysis – Discrete Soil Samples

Baseline analysis for soil material included total and Synthetic Precipitation Leaching Procedure (SPLP) volatile organic compounds (VOCs) via EPA Method 8260/1312, total and SPLP semi-volatile organic compounds (SVOCs) via EPA Method 8270 SIM/1312, TCLP VOCs and SVOCs and total petroleum hydrocarbon (TPH) diesel range organics (DRO) and oil range organics (ORO) analysis. These results, from both July and December 2025, are presented on Table 1 and the laboratory deliverables are included in Appendix 9.

The following petroleum-related VOCs and SVOCs, which were detected during the RI above the Unrestricted Use SCO, were detected during the Treatability Study: benzene (max: 0.017 mg/kg), ethylbenzene (max: 4.8 mg/kg), xylenes (max: 0.17 mg/kg) and naphthalene (max: 282 mg/kg). With the exception of xylenes, the concentrations are on the same order of magnitude as those detected in the RI from within the treatment zone; xylenes were detected one order of magnitude lower than in the RI. One additional petroleum-related VOC, 1,2,4-trimethylbenzene, was detected above the Unrestricted Use SCO in the Treatability Study, at a maximum of 64 mg/kg. The other detected SVOCs were predominantly polyaromatic hydrocarbons (PAHs) related to the presence of fill material.

SPLP analysis indicated the following results for these compounds: benzene (max: estimated 0.23 mg/kg), ethylbenzene (max: 55 mg/kg), xylenes (max: 8.2 mg/kg), 1,2,4-trimethylbenzene (max: 39 mg/kg) and naphthalene (max: 6,300 mg/kg). This indicates that the petroleum compounds are leachable into the groundwater.

TPH analysis indicated DRO ranged from 67 to 6,560 mg/kg, with an average concentration of 1,835.4 mg/kg, and ORO ranged from 23.5 to 513 mg/kg, with an average concentration of 243.8 mg/kg.

2.4 Treatability Material

As described in the attached Treatability Testing Report completed by Lear Environmental Consulting of Sevierville, TN, the material was prepared as follows:

> The entire sample volume received from the site was composited in a 54-gallon HDPE tub and homogenized using a high torque dual shaft mixer (BN Products) to produce a composite sample (OS-1 Composite) for treatability testing. Rocks and cobbles greater than ½-inch were manually removed from the composite. Though there is a sediment/clay layer underlying the interval of gross contamination, the OS-1 Composite was prepared to represent the entire proposed ISS treatment area and volume, not concentrate solely on the clay/sediment layer.

Samples were amended using a combination of Portland Type IL cement (PC) from LaFargeHolcim of Camden, NJ, Grade 100 ground granulated blast furnace slag (GGBFS) from LaFargeHolcim of Baltimore, MD and powdered activated carbon from Calgon Corporation of Pittsburgh, PA. Portland cement, in some instances combined with GGBFS, is effective in providing high UCS characteristics and decreasing hydraulic conductivity. Activated carbon is effective in reducing the leaching of organic compounds.

Homogenized soil samples were mixed with PC, GGBFS and activated carbon at the following ratios, by weight (based on sample unit weight).

Formulation	PC	GGBFS	Activated Carbon
OS-101	6%	--	--
OS-102	8%	--	--
OS-103	3%	3%	--
OS-104	4%	4%	--
OS-105	6%	--	1%
OS-106	8%	--	1%
OS-107	3%	3%	1%
OS-108	4%	4%	1%

The above formulations were tested for hydraulic conductivity by ASTM D5084 and unconfined compressive strength (UCS) by ASTM D1633. Each composite formulation was also tested for total and SPLP VOCs and SVOCs.

Pictures of the material through the homogenization process are included in the attached report.

2.5 Sample Analysis – Composite and Mixed Samples

Grab soil samples from the homogenized material were analyzed for soil pH by EPA Method 9045C, wet bulk density by Modified ASTM D6683 and moisture by Modified ASTM D2216. Total and SPLP VOCs and SVOCs, DRO and ORO were also analyzed on grab samples from the composite. A modified ANS16.1 leachability test was also completed.

The above formulations were tested for hydraulic conductivity by ASTM D5084 and unconfined compressive strength (UCS) by ASTM D1633. Each composite formulation was also tested for total and SPLP VOCs and SVOCs.

The design goals in the Treatability Study Work Plan were a hydraulic conductivity of less than 1 x 10-6 centimeters per second (cm/sec) and a UCS of greater than 50 pounds per square inch (psi)

at the 28-day cure time. Subsequently, the geotechnical engineer for the project has determined that 100 psi UCS is required in a portion of the Site fronting Otsego Street.

All formulations met the required hydraulic conductivity. Following receipt of the chemical analysis, three formulations were tested at 56 days to confirm the UCS. Formulations OS-102, -104, -106 and -108 would meet the 100 psi UCS requirement for structural purposes. All formulations met the initial design goal of 50 psi.

The chemical testing confirmed that similar compounds were detected in the composite and formulation samples as were detected in the RI and discrete sampling. The formulations without activated carbon, showed slight increases in the SPLP and ANS methodologies.

With the addition of activated carbon, the SPLP and ANS methodologies predominantly showed lower concentrations. In the SPLP analysis, ethylbenzene was higher in OS-105 compared to OS-1 (0.000518 mg/L compared to 0.000431 mg/L) and naphthalene was higher in OS-105 (0.0236 mg/L) and OS-106 (0.0206 mg/L) compared to OS-1 (0.00945 mg/L).

Further, isopropylbenzene, n-propylbenzene, styrene and 1,2,4-trimethylbenzene were detected in all or some of the activated carbon formulations but at concentrations below the reporting limit for the OS-1 sample.

In the ANS samples, which reflect the monolith that will be created, the majority of the compounds are non detect. The formulations with activated carbon only show detections of naphthalene, which is reported in the VOC and SVOC scan. While the OS-1 SVOC scan showed that naphthalene was not detected above the reportion limit (0.001 mg/L), all activated carbon formulation results are below (max: 0.0213 mg/L) the detection reported in the VOC scan (0.0340 mg/L).

2.6 Deviations

Slight modifications were made to the mixing ratios and tests were also completed with 1% activated carbon. Hydraulic conductivity was tested at 21, not 28 days, but showed that the results were sufficient at the shorter cure time. UCS was tested at 10 days and, if not meeting the design requirement, again at 28 days (instead of 7, 14 and 28 days). Penetrometer strength readings were not specified, but were recorded at 1, 3, 5 and 7 days. Lastly, the density was tested using a different method, Modified D6683. These changes did not affect the outcome of the treatability study.

2.7 Conclusions and Recommendations

The treatability study included appropriate methodologies to test for ISS material, including homogenizing the column, as will be completed during the implementation, testing for hydraulic conductivity and compressive strength and investigating any change in the leachability of VOCs and SVOCs through comparative SPLP and ANS analysis.

The treatability study showed that all formulations meet the design goals for hydraulic conductivity and compressive strength. In addition, formulations OS-102, -104, -106 and -108 would meet the 100 psi UCS requirement for structural purposes.

The SPLP analysis showed that the formulations with activated carbon produced only slight increases in ethylbenzene (OS-105) and naphthalene (OS-105 and -106) compared to sample OS-1; neither of these concentrations increased for formulations OS-107 or OS-108. However, ANS analysis showed that ethylbenzene was not detected and naphthalene was detected at concentrations below the detection in sample OS-1. For most detected VOCs in the SPLP scan, the concentrations in formulations OS-107 and OS-108 where lower than in formulations OS-105 and OS-106; this is consistent in the ANS analysis and, in fact, no VOCs or SVOCs were detected for formulation OS-108.

Therefore, the formulation OS-108 is the proposed design mix consisting of 4% PC, 4%GGBFS and 1% activated carbon. The final design mix will be approved by NYSDEC following the proposed pilot test and prior to the implementation of the full-scale ISS remediation.

3.0 ISS DESIGN WORK PLAN

The selected cement mix design is based on ISS performance target criteria of hydraulic conductivity of less than 1 x 10-6 centimeters per second (cm/sec) and an unconfined compressive strength of greater than 100 pounds per square inch (psi) at the 28-day cure time.

3.1 Soil Excavation

To account for swell and the proposed building foundations, the top six feet of soil (approximately 5,500 cubic yards) will be removed prior to implementation of the ISS. Soil disposal approvals are included in the Site Operations Plan (SOP) approved by the Remedial Engineer and submitted to the Department. The support-of-excavation (SOE) plans, included in Appendix 3, will be approved by New York City Department of Building prior to implementation and the permit number provided to the Department prior to soil removal.

3.2 ISS Treatment Area and Depth

The target ISS area of approximately 25,000 SF was included on Figure 9 in the RAWP. This area will be treated from 6 ft bgs to a depth of 28 ft bgs, for a treatment volume of approximately 20,500 cubic yards.

3.3 ISS Pilot Test and Baseline Sampling

Prior to the implementation of the full-scale ISS treatment, a pilot test will be implemented following approval of the design mix by the Department. The pilot test will include mixing three cells, as shown on Figure 1 in Appendix 8, with the approved design mix. The cells will be mixed and tested in accordance with Sections 3.4 through 3.10.

The proposed mix is 4% Portland cement from LaFargeHolcim of Camden, NJ, 4% Grade 100 ground granulated blast furnace slag (GGBFS) from LaFargeHolcim of Baltimore, MD and 1% powdered activated carbon from Calgon Corporation of Pittsburgh, PA or approved equals provided to NYSDEC prior to implementation of the pilot test or full-scale implementation. Based on the testing results, this mix provides high UCS values needed for stabilization and building design and also sufficiently decreases the permeability of the material. Each cell will be mixed with the same design mix.

The results of the pilot test will be provided to the Department with a request to implement the full ISS program based on attainment of the performance standards or with a supplemental pilot test work plan that would include remedial actions to address any mixed cell that does not meet the performance standards.

Odor mitigation will be completed during the implementation of the pilot test consistent with

Section 6.4.13 of the RAWP.

Baseline groundwater sampling of monitoring wells, MW-ISS-01 through MW-ISS-03, as shown on Figure 9 of the RAWP, will be sampled for VOCs and SVOCs.

3.4 Soil Excavation

A minimum six-foot soil cut will be excavated within the proposed ISS area to contain the ISS spoils and increased soil volume (swell) created by the soil mixing. A baseline survey will be completed before and after the soil cut is complete.

All generated soil will be disposed off-site in accordance with Section 6.0 of the RAWP. Final disposal facilities will be presented to the Department in a Site Operations Plan (SOP).

3.5 ISS Means and Methods

The ISS will be implemented using the bucket method to mix the Portland cement into the contaminated soil column down to the terminal treatment depths required (22 feet below bottom of excavation, as shown on the cell layout figure presented as Figure 1 in Appendix 8). Cell overlap is shown on the cell layout figure.

The selected contractor to complete the full-scale ISS is Renova Environmental Company (Renova) of Ocean Township, New Jersey.

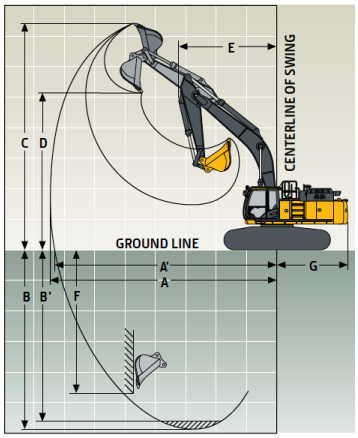
In order to facilitate the mixing, the following equipment will be mobilized:

- Scheltzke MPC Automated Batch Plant
- STS MPC 030-160D Mix Pump System
- STS 270 BBL 40-ton Silo
- Pneumatic pig for Portland cement
- 95,000 lb. Class Excavator (or equal)
- 45,000-lb Class Excavator (or equal)

The specification for the excavator is included in Appendix 5 with the pertinent section presented below. With the 12 foot, 10 inch arm length, the maximum digging depth is 27 feet, 2 inches and the maximum vertical wall (i.e., depth that the excavator can keep a straight bucket) is 22 feet, 11 inches. This is necessary to be greater than the treatment depth in order to keep the straight walls along the property line and adjoining cells once mixed.

This machine has the necessary weight, breakout force, and depth/reach capabilities to adequately perform the soil mixing. Renova will maintain an on-Site inventory of spare parts (hydraulic cylinders, hoses, ground engagement tooling, etc.) to minimize downtime.

	Operating Dimensions		
	Arm Length	*3.4 m (11 ft. 2 in.)*	*3.9 m (12 ft. 10 in.)*
	Arm Digging Force		
	SAE	219 kN (49,199 lb.)	199 kN (44,783 lb.)
	ISO	226 kN (50,801 lb.)	204 kN (45,925 lb.)
	Bucket Digging Force		
	SAE	269 kN (60,477 lb.)	269 kN (60,477 lb.)
	ISO	301 kN (67,564 lb.)	301 kN (67,564 lb.)
A	Maximum Reach	12.06 m (39 ft. 7 in.)	12.49 m (41 ft. 0 in.)
A[1]	Maximum Reach at Ground Level	11.84 m (38 ft. 10 in.)	12.28 m (40 ft. 3 in.)
B	Maximum Digging Depth	7.77 m (25 ft. 6 in.)	8.27 m (27 ft. 2 in.)
B[1]	Maximum Digging Depth at 2.44-m (8 ft. 0 in.) Flat Bottom	7.63 m (25 ft. 0 in.)	8.14 m (26 ft. 8 in.)
C	Maximum Cutting Height	11.06 m (36 ft. 3 in.)	11.16 m (36 ft. 7 in.)
D	Maximum Dumping Height	7.65 m (25 ft. 1 in.)	7.77 m (25 ft. 6 in.)
E	Minimum Swing Radius	4.84 m (15 ft. 11 in.)	4.81 m (15 ft. 9 in.)
F	Maximum Vertical Wall	6.59 m (21 ft. 7 in.)	6.98 m (22 ft. 11 in.)
G	Tail-Swing Radius	3.67 m (12 ft. 0 in.)	3.67 m (12 ft. 0 in.)



The ISS treatment cells will be geolocated using GPS equipment. Surveying will be completed to document existing grades, excavation limits, and finished grades necessary for remediation and restoration. Odor mitigation will be completed during the implementation of the ISS consistent with Section 6.4.13 of the RAWP.

Prior to mixing and in accordance with the layout of each distinct treatment cell, Renova will calculate the soil mass and reagent component addition. Batching calculations will determine the total weight for each reagent and total slurry volumes to be applied. The estimated batch quantities are included in Appendix 8. Renova will mix and batch slurry utilizing a water to reagent ratio of 0.8 or less. Renova will utilize supplied city service water taken from a metered fire hydrant.

The slurry will be produced using a Scheltzke MPC 1030 automated batch plant and will be pumped through HDPE pipes to the mixing cell using a positive displacement pump. Volumes of slurry pumped to the cell, as well as bulk bagged reagent volumes, will be recorded and documented for each treatment cell. The MPC 1030 utilizes load scales on the mixing tank for precision monitoring and feed control of the portland slurry mixture. The MPC 1030 has a primary mixing tank, blending a typical mixed batch volume of 260 gallons, and a holding/agitation tank with a volume of over 750 gallons (approximately three batches).

The delivery system on the MPC 1030 is a duplex piston pump with variable speed control that can provide flows from as little as 2 gallons per minute (GPM) to over 150 GPM and at pressures exceeding 500 PSI. Renova will utilize electronic instrumentation in the MPC 1030 to monitor flow rates and total volumes produced and applied. In addition to the electronic controls of MPC 1030, the batch plant operator will routinely check and record slurry viscosity (Marsh Funnel viscosity) and weights (standard mud balance).

Before starting work in a treatment cell, the excavator operator will create 1-2-foot soil berms as

necessary on the edges of the cell, resulting in a slight depression in the center. This will provide a controlled work area in which to apply and contain the grout mixture. ISS will be performed from the top of the pre-excavated area to the prescribed bottom, until the soil and reagents have been thoroughly mixed/homogenized and the pre-determined volume of grout has been applied.

Once mixed, the swell that is generated will remain in place. Excess swell above 3 ft bgs or above the depth required for building foundations will be excavated and relocated onsite the following morning for off-site disposal. Erosion and sediment controls will include silt fencing and a construction entrance and are detailed in a Stormwater Pollution Prevention Plan (SWPPP) approved by the New York City Department of Environmental Protection (NYCDEP). Stockpiles will be maintained and monitored per Section 6.4.2 of the RAWP.

The bucket mixing excavator will operate from the outside of the cell on a suitable platform to maintain vertical and depth control. Material and debris determined to be unsuitable for ISS effectiveness will be removed from the ISS treatment area with the excavator, stockpiled per Section 6.4.2 of the RAWP and bulked in roll off containers for off-site disposal.

Mix homogeneity is determined by the amount of time spent mixing in one area/cell. Each area will be mixed to a homogenous mass, and not to exceed three hours in accordance with the ITRC (Interstate Technology & Regulatory Council) standards.

At the end of each day or during work stoppage, slurry will be present in the equipment, piping, and hoses that will harden over time. Renova will evaluate the necessity of flushing grout from the equipment, piping, and hoses. Grout will be flushed from the system with clean water. All flushed grout and rinse water will be pumped to the treatment area and allowed to permeate into the next treatment column.

Renova will maintain Process Control (PC) throughout the ISS implementation. The Portland cement slurry volume (batching calculation) for each treatment cell/column is calculated based on the surface area, depth and overlap portions of each cell. Design batching calculations (water/reagent addition by weight) and grout volume calculations (dosing/treated area) will be summarized and maintained in an electronic Quality Control Production Log (QCPL). The QCPL will be updated daily and included in the daily report.

Cell depth will be measured by the GPS unit included in Appendix 6 and monitored by the operator within each cell. The depths will be witnessed by a representative of the Remedial Engineer and recorded. The GPS data will be downloaded and provided to the Department as documentation of the mixing depth.

Renova will perform quality control testing, to ensure that the ISS meets the remediation and structural requirements of the project. Renova will retrieve in-place treated samples with a sampling tool on the excavator, as shown in Appendix 7. One set of verification samples will be

taken for every 450 cubic yards, or daily, of production. Testing will include permeability and compressive strength (ASTM D5084 and D1633). Each sample shall consist of six – 3 inch x 6 inch cylinders and obtained at the surface, mid-point, and bottom of ISS area. Sample will be collected, capped and cured at 100% relative humidity on-site for a minimum of 72-hours. The contractor will then ship the samples to a geotechnical laboratory for analysis. One cylinder will be tested after 7 days, 14 days and 28 days of cure for unconfined compressive strength (ASTM D1633). The 7 day data will be provided to NYSDEC within 24 hours of receipt from the geotechnical laboratory. One cylinder will be tested after 28 days for hydraulic permeability (ASTM D5084). The remaining two cylinders will be stored for subsequent testing should the test results not be met. The samples will be inspected to determine if homogenous mixing has occurred. Areas not meeting the design criteria will be reworked to meet the design requirements in accordance with Section 3.11.

In addition to constant visual observation of ISS treated materials, Renova will monitor early ISS performance testing (7-day) for trends which would indicate the need to adjust the specified reagent or water ratios. Data will be provided to the Remedial Engineer on a weekly basis at a minimum. If for any reason mix the design needs to be reevaluated, it will be resubmitted for NYSDEC approval.

Renova will not use reagents if they contain frozen material and will not treat contaminated material if it contains frozen material. ISS activities will not be performed during severe rainfall events that could potentially result in excess moisture to the mixture. Renova will determine during rain events if mixing can continue without degradation of the designed mix. Renova will ensure surface runoff does not infiltrate the material being stabilized by creating 1-2 foot soil berms around the cell. Once the cell has cured, the soil berms created for the cured cell will be treated as the adjacent cell undergoes soil treatment. Cure time will depend on soil consistency and groundwater presence/elevation. The increase in volume from the previously treated and cured cell will alleviate the need to berm that side of the cell, thereby acting as a barrier for surface runoff. In the event that the increase in volume is not sufficient for this purpose, additional soil will be placed as needed to create a barrier. Silt socks may also be utilized as needed to deflect runoff.

Following completion of the mixing, the temporary sanitary services, containers, equipment, etc. will be demobilized. Items will be demobilized sequentially as they are no longer required. Any equipment requiring decontamination will be completed on the decontamination pad prior to removal. If the pad has already been removed, the equipment will be decontaminated on 6-mil polyethylene sheeting and spoils will be removed with the final loads of soil.

3.6 Obstruction Procedures

A six foot cut will be completed in advance of the ISS, which will remove the majority of any remnant building-related obstructions. Based on review of the underlying fill, which extends up to 20 ft bg, large obstructions are not expected to be encountered.

The following procedure will be followed if obstructions are identified in the ISS treatment volume.

- Renova will attempt to remove obstructions within 15 feet of the mixing elevation. Once the required equipment is in place for the removal, Renova will attempt to remove the obstruction for 30 minutes.
- Should an obstruction be encountered at a depth greater than 15 feet below the mixing elevation, the excavator will attempt to shift the obstruction to allow for mixing for a period of 30 minutes.
- Should the excavator continue to not be able to remove or shift the obstruction at depth greater than 15 feet below the mixing elevation after the 30-minute period, the NYSDEC will be notified of the terminal depth achieved for the ISS treatment cell for NYSDEC review and approval. The NYSDEC will make a determination on whether additional actions are needed.
- The NYSDEC will be immediately notified if the ISS contractor is unable to complete treatment cells to the required design depth.

3.7 Record Keeping

The on-Site Project Engineer will tabulate and provide the following information per ISS cell:

- ID (treatment cell);
- ISS cell corner point coordinates;
- Surface elevation at top of ISS;
- Total installed depth of ISS (elevation);
- Location/depth of post-mix representative sample;
- Start time and finish time;
- Quantity of grout used;
- Diagram of ISS area depicting location and overlap configuration; and,
- QC sample location and performance testing results.

Renova will submit these results to the Remedial Engineer immediately upon receipt. The cell information, as well as pictures of the ISS mixing and coring, will be provided in daily reports to NYSDEC. This field documentation will be included in the Final Engineering Report (FER).

3.8 Performance Testing

The ISS QA/QC sampling program will be conducted in accordance with the NYSDEC ISS QA/QC coring requirements, which are included in Appendix K of the RAWP. Based on the requirements of Section 3.1.1, *Coring Implementation*, a minimum of five borings will be advanced with the 25,000 square foot area. The first coring location shall be completed when the

ISS treatment project area is no more than 25 percent complete.

Core borehole locations will be biased towards areas with the greatest soil contamination and/or locations where difficulties in the ISS process were encountered. Proposed borehole locations are shown on Figure 1 of Appendix 8. Core boreholes will be placed in locations where individual treatment columns or cells overlap, to the extent possible. Core boreholes will be advanced to at least a foot below the monolith design. If coring reveals previously undocumented areas of contamination, delineation (and remediation, as necessary) of that contamination may be required outside the QA/QC program. Cores will be archived following coring activities. Cores may only be discarded upon final inspection by the Department. Following initial inspection, the Department may require cores to be retained to compare to future cores or to document issues that will need to be resolved. To allow any needed corrective actions to commence before the monolith cures to a point making corrective action difficult or impossible, core inspection by the Department will occur as soon as possible but not later than 48 hours of the core's collection. To identify potential areas of concern for the coring program, documentation on the volume/shrinkage of grout obtained during ISS installation will be reviewed. Areas where excessive grout was lost during ISS implementation will be targeted for coring.

All coring activities will be performed in accordance with the NYSDEC ISS QA/QC, which is included as Appendix K of the RAWP.

In addition, three monitoring wells, MW-ISS-01 through MW-ISS-03, as shown on Figure 9 of the RAWP will be sampled for VOCs and SVOCs, with the results compared to the baseline concentrations.

3.9 Daily Reporting

A representative of the Remedial Engineer will provide daily oversight and documentation of the ISS activities completed at the Site. Five day notice will be provided to NYSDEC prior to all QA/QC coring.

Daily reports will be submitted to the NYSDEC which include:

- the cell completed each day;
- site map updated daily to show completed cells;
- schedule and percent complete;
- modifications to the schedule;
- deviation from the plan and performance concerns identified/corrected;
- QA/QC samples collected;
- photographs of the daily activities;
- readings from the Community Air Monitoring Plan (CAMP) implementation; and,

- ISS production log including the cell location, depth, time records inclusive of mixing and removal of obstructions and the slurry mix and volume.

Daily field reports will document any public complaints received and/or odor events recorded. All mitigative actions will also be documented.

3.10 Community Air Monitoring Plan (CAMP) and Nuisance Odor Control and Suppression

The CAMP included in Appendix H of the RAWP will be implemented during all ISS activities.

Nuisance odor control will be implemented in accordance with Section 6.4.13 of the RAWP, which includes a provision for odor suppression through applying foam and/or chemical odorants. Odor suppressing foam will be on-site and available for immediate deployment during implementation of the ISS pilot test and ISS full-scale implementation.

3.11 Contingency Plan

Renova will make real time adjustments to the mix design with NYSDEC approval based on actual field conditions encountered, visual observations of mixed sample material and performance sample results.

The field testing of the early cure samples with a pocket penetrometer is a means for early monitoring that can indicate the need to adjust the ISS mix formulation (reagent additions) or water to reagent ratios. The NYSDEC will be notified in writing of any adjustments made for ISS installation. Additional QA/QC may be required based on the NYSDEC's review.

Should the QA/QC sample data not meet the NYSDEC requirements and/or coring indicates insufficient stabilization or mixing, a written evaluation of the data and recommended corrective measures will be provided to the NYSDEC for review and approval. Corrective measures may include repair, re-mixing, or isolation of the corrective measure area using jet grouting or other suitable method, or excavation and disposal of the corrective measure area.

4.0 SCHEDULE AND REPORTING

Upon approval of the In-Situ Soil Solidification Study Report, a schedule for implementation of the ISS pilot test for the Site is as follows:

Mobilization (three days)	May 11, 2026
Remove asphalt (one day)	May 14, 2026
Remove soil for pilot test locations (six days)	May 18, 2026
Begin pilot test (three days)	May 26, 2026
Begin cores (three days)	June 29, 2026

The proposed sequence for the pilot test is cell C-16, C-18 and then C-20.

Following approval of the design mix by NYSDEC, the schedule and proposed sequence will be provided for the ISS implementation. Full-scale ISS implementation will not commence without NYSDEC approval of the Pilot Test results and confirmation of the design mix.

Daily field reports as described in Section 3.9 will be provided throughout the ISS implementation (pilot test and full scale). NYSDEC will be a minimum of five-days in advance for core sample collection. The NYSDEC will be immediately notified of performance issues identified during the visual inspections of the mixed soils, field testing and confirmation soil mix sample testing to ensure modifications to the mix and/or remixing are implemented.

Documentation of the ISS implementation and the post-remedial sample results will be provided to NYSDEC in a Final Engineering Report (FER).

FIGURES

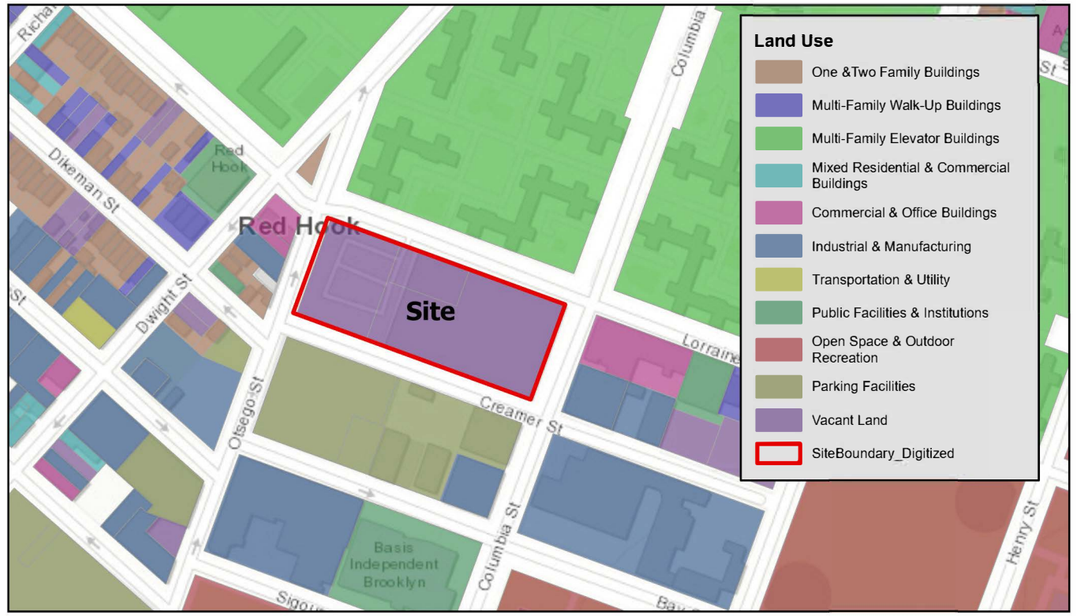
Basemap: USGS Topographic Map, 7.5 Minute Quadrangles: Brooklyn, NY; Jersey City, NJ

Site Location

0 2,000 4,000 Feet

propertyinformationportal.nyc.gov

Department of Finance Digital Tax Map



NYC OpenData, State of New Jersey, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA

Department of City Planning MapPluto 2024 v4

0 300 600 Feet

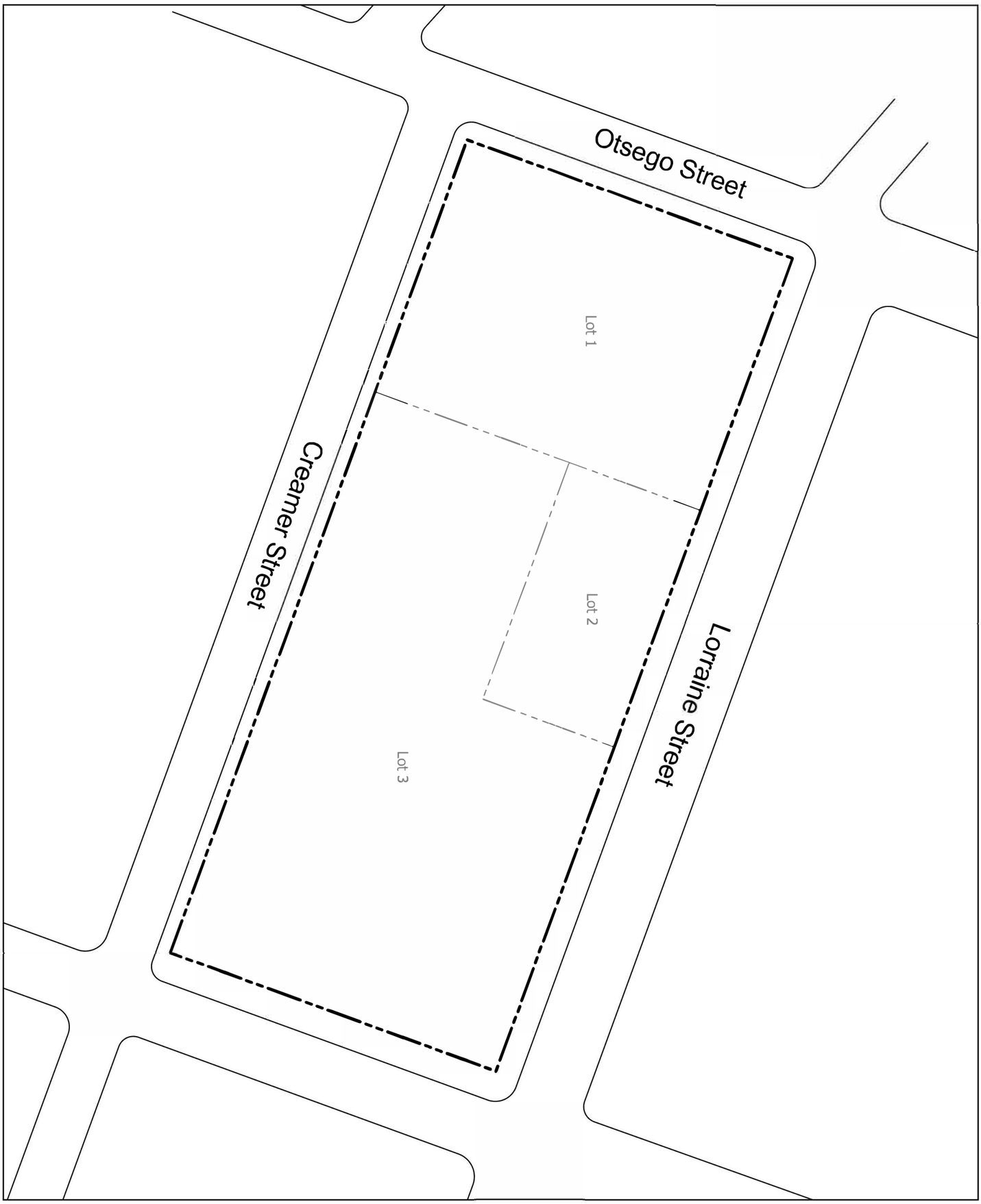
37 Otsego Street
Brooklyn, New York
Block 579, Lots 1, 2 & 3

Matthew M. Carroll, PE
1085 Sackett Avenue
Bronx, NY 10461

Drawn By	Checked By	Date	Scale
LM	AP	January 2025	As Noted

Drawing Title: Site Location Map

Drawing No.: Figure 1



Reference:
Site boundary and Tax Lot layout from propertyinformationportal.nyc.gov

Legend

Site Boundary

NYC Tax Lots

0 30 60 120 Feet

Drawing Title: Site Layout	Drawn By: LM Checked By: AP	Matthew M. Carroll, PE 1085 Sackett Avenue Bronx, NY 10461	37 Otsego Street Brooklyn, New York Block 579, Lots 1, 2 & 3
Drawing No.: Figure 2	Date: January 2025 Scale: As Noted		

Legend

- Existing Monitoring Well Location
- Proposed Soil Boring Location
- Approximate Extent of In-Situ Solidification (ISS) Area
- BCP Project Site Boundary

0 30 60 120 Feet

Reference:
Site boundary and Tax Lot layout from propertyinformationportal.nyc.gov

37 Otsego Street
Brooklyn, New York
Block 579, Lots 1, 2 & 3

TENEN ENVIRONMENTAL
Tenen Environmental, LLC
121 West 27th Street, Suite 303
New York, NY 10001
O: (646) 606-2332; F: (646) 606-2379

Drawn By	Checked By	Date	Scale
LM	MC	April 2026	As Noted

Drawing Title: ISS Treatability Study Sample Locations

Drawing No.: Figure 3

TABLE

Table 1 – Pre-ISS Soil Sample Results

Sample Name Sample ID Sampling Date Client Matrix Compound	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives 12312025		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Protection of GW 12312025		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Restricted Residential 12312025		SB-5e-25ft 25G0311-01 7/3/2025 9:21:00 AM Soil		SB-4e-25ft 25G0311-02 7/3/2025 11:20:00 AM Soil		SB-3e-28ft 25G0311-03 7/3/2025 11:45:00 AM Soil		SB-2e-28ft 25G0311-04 7/3/2025 1:10:00 PM Soil		SB-1e-15ft 25G0311-05 7/3/2025 1:35:00 PM Soil		SB-1 (13-14) 25L1381-01 12/23/2025 10:00:00 AM Soil	
							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Total Petroleum Hydrocarbons-GRO (C5-C10)																	mg/kg dry	
Dilution Factor																	100	
Total Petroleum Hydrocarbons-GRO	~		~		~		NT		NT		NT		NT		NT		131	U
VOA, 8260 MASTER	mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor							1000		500		500		1000		100		1	
1,1,1,2-Tetrachloroethane	~		~		~		NT		NT		NT		NT		NT		0.00430	U
1,1,1-Trichloroethane	0.68		0.68		100		0.00330	U	0.00220	U	0.00240	U	0.00220	U	0.00370	U	0.00430	U
1,1,2,2-Tetrachloroethane	~		~		~		NT		NT		NT		NT		NT		0.00430	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~		~		~		NT		NT		NT		NT		NT		0.00430	U
1,1,2-Trichloroethane	~		~		~		NT		NT		NT		NT		NT		0.00430	U
1,1-Dichloroethane	0.27		0.27		47		0.00330	U	0.00220	U	0.00240	U	0.00220	U	0.00370	U	0.00430	U
1,1-Dichloroethylene	0.24		0.33		0.98		0.00330	U	0.00220	U	0.00240	U	0.00220	U	0.00370	U	0.00430	U
1,1-Dichloropropylene	~		~		~		NT		NT		NT		NT		NT		0.00430	U
1,2,3-Trichlorobenzene	~		~		~		NT		NT		NT		NT		NT		0.00430	U
1,2,3-Trichloropropane	~		~		~		NT		NT		NT		NT		NT		0.00430	U
1,2,4-Trichlorobenzene	~		~		~		NT		NT		NT		NT		NT		0.00430	U
1,2,4-Trimethylbenzene	5.9		5.9		100		3.400	D	0.0470		0.160		2	D	0.0120		0.120	
1,2-Dibromo-3-chloropropane	~		~		~		NT		NT		NT		NT		NT		0.00430	U
1,2-Dibromoethane	~		~		~		NT		NT		NT		NT		NT		0.00430	U
1,2-Dichlorobenzene	1.1		1.1		100		0.00330	U	0.00220	U	0.00240	U	0.00220	U	0.00370	U	0.00430	U
1,2-Dichloroethane	0.02		0.02		5.8		0.00330	U	0.00220	U	0.00240	U	0.00220	U	0.00370	U	0.00430	U
1,2-Dichloropropane	~		~		~		NT		NT		NT		NT		NT		0.00430	U
1,3,5-Trimethylbenzene	3.1		3.1		100		0.390		0.00320	J	0.0330		0.0740		0.00370	U	0.0180	
1,3-Dichlorobenzene	2.6		2.6		38		0.00330	U	0.00220	U	0.00240	U	0.00220	U	0.00370	U	0.00430	U
1,3-Dichloropropane	~		~		~		NT		NT		NT		NT		NT		0.00430	U
1,4-Dichlorobenzene	1.8		1.8		24		0.00330	U	0.00220	U	0.00240	U	0.00220	U	0.00370	U	0.00430	U
1,4-Dioxane	0.1		0.1		5.7		0.0660	U	0.0450	U	0.0480	U	0.0440	U	0.0730	U	NT	
2,2-Dichloropropane	~		~		~		NT		NT		NT		NT		NT		0.00430	U
2-Butanone	0.10		0.10		100		0.00370	J	0.00390	J	0.00670		0.00220	U	0.0300		0.00430	U
2-Chlorotoluene	~		~		~		NT		NT		NT		NT		NT		0.00430	U
2-Hexanone	~		~		~		NT		NT		NT		NT		NT		0.00430	U
4-Chlorotoluene	~		~		~		NT		NT		NT		NT		NT		0.00430	U
4-Methyl-2-pentanone	~		~		~		NT		NT		NT		NT		NT		0.00430	U
Acetone	0.03		0.03		100		0.0200		0.0260		**0.0460**		0.0240		**0.110**		**0.0340**	
Acrolein	~		~		~		NT		NT		NT		NT		NT		0.00860	U
Acrylonitrile	~		~		~		NT		NT		NT		NT		NT		0.00430	U
Benzene	0.06		0.06		3.7		0.00330	U	0.00260	J	0.00240	U	0.00220	U	0.00370	U	0.00430	U
Bromobenzene	~		~		~		NT		NT		NT		NT		NT		0.00430	U
Bromochloromethane	~		~		~		NT		NT		NT		NT		NT		0.00430	U
Bromodichloromethane	~		~		~		NT		NT		NT		NT		NT		0.00430	U
Bromoform	~		~		~		NT		NT		NT		NT		NT		0.00430	U
Bromomethane	~		~		~		NT		NT		NT		NT		NT		0.00430	U
Carbon disulfide	~		~		~		NT		NT		NT		NT		NT		0.00840	J
Carbon tetrachloride	0.76		0.76		7.1		0.00330	U	0.00220	U	0.00240	U	0.00220	U	0.00370	U	0.00430	U
Chlorobenzene	4.5		4.5		100		0.00330	U	0.00220	U	0.00240	U	0.00220	U	0.00370	U	0.00430	U
Chloroethane	~		~		~		NT		NT		NT		NT		NT		0.00430	U
Chloroform	0.37		0.37		24		0.00330	U	0.00220	U	0.00240	U	0.00220	U	0.00370	U	0.00430	U
Chloromethane	~		~		~		NT		NT		NT		NT		NT		0.00430	U
cis-1,2-Dichloroethylene	0.19		0.19		41		0.00330	U	0.00220	U	0.00240	U	0.00220	U	0.00370	U	0.00430	U
cis-1,3-Dichloropropylene	~		~		~		NT		NT		NT		NT		NT		0.00430	U
Cyclohexane	~		~		~		NT		NT		NT		NT		NT		0.00430	U
Dibromochloromethane	~		~		~		NT		NT		NT		NT		NT		0.00430	U
Dibromomethane	~		~		~		NT		NT		NT		NT		NT		0.00430	U
Dichlorodifluoromethane	~		~		~		NT		NT		NT		NT		NT		0.00430	U
Ethyl Benzene	1		1		76		**1.700**	D	0.0630		0.0720		0.330		0.00370	U	0.0850	
Hexachlorobutadiene	~		~		~		NT		NT		NT		NT		NT		0.00430	U
Isopropylbenzene	~		~		~		NT		NT		NT		NT		NT		0.110	
Methyl acetate	~		~		~		NT		NT		NT		NT		NT		0.00430	U
Methyl tert-butyl ether (MTBE)	0.10		0.1		100		0.00330	U	0.00220	U	0.00240	U	0.00220	U	0.00370	U	0.00430	U
Methylcyclohexane	~		~		~		NT		NT		NT		NT		NT		0.00430	U
Methylene chloride	0.05		0.05		81		0.00660	U	0.00450	U	0.00480	U	0.00440	U	0.0120	J	0.00860	U
Naphthalene	12		12		100		**140**	D	**82**	D	**57**	D	**230**	D	1.400	D	NT	
n-Butylbenzene	18		18		100		0.420		0.00220	U	0.0480		0.0410		0.00950		0.00740	J
n-Propylbenzene	5		5		100		2.400	D	0.0260		0.350		0.270		0.00900		0.0880	
o-Xylene	~		~		~		0.0490		0.00560		0.00570		0.0160		0.00370	U	0.00460	J
p- & m- Xylenes	~		~		~		0.0500		0.0120		0.00480	U	0.0110		0.00730	U	0.00860	U
p-Isopropyltoluene	~		~		~		NT		NT		NT		NT		NT		0.0330	
sec-Butylbenzene	25		25		100		0.0600		0.00220	U	0.0210		0.0110		0.00690	J	0.00430	U
Styrene	~		~		~		NT		NT		NT		NT		NT		0.00430	U
tert-Butyl alcohol (TBA)	~		~		~		NT		NT		NT		NT		NT		0.0220	U
tert-Butylbenzene	11		11		100		0.00330	U	0.00220	U	0.00240	U	0.00220	U	0.00370	U	0.00430	U
Tetrachloroethylene	1.3		1.3		18		0.00330	U	0.00220	U	0.00240	U	0.00220	U	0.00370	U	0.00430	U
Toluene	0.7		0.7		100		0.00330	U	0.00220	U	0.00240	U	0.00220	U	0.00370	U	0.00430	U
trans-1,2-Dichloroethylene	0.19		0.19		100		0.00330	U	0.00220	U	0.00240	U	0.00220	U	0.00370	U	0.00430	U
trans-1,3-Dichloropropylene	~		~		~		NT		NT		NT		NT		NT		0.00430	U
Trichloroethylene	0.47		0.47		6.4		0.00330	U	0.00220	U	0.00240	U	0.00220	U	0.00370	U	0.00430	U
Trichlorofluoromethane	~		~		~		NT		NT		NT		NT		NT		0.00430	U
Vinyl acetate	~		~		~		NT		NT		NT		NT		NT		0.00430	U
Vinyl Chloride	0.03		0.03		0.48		0.00330	U	0.00220	U	0.00240	U	0.00220	U	0.00370	U	0.00430	U
Xylenes, Total	0.26		1.2		100		0.0990		0.0170		0.00890	J	0.0280		0.0110	U	0.0130	U
VOA, SPLP LOW MASTER	mg/Kg		mg/Kg		mg/Kg		ug/L		ug/L		ug/L		ug/L		ug/L			
Dilution Factor							25		25		25		200		25			
1,1,1,2-Tetrachloroethane	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
1,1,1-Trichloroethane	0.68		0.68		100		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
1,1,2,2-Tetrachloroethane	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
1,1,2-Trichloroethane	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
1,1-Dichloroethane	0.27		0.27		47		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
1,1-Dichloroethylene	0.24		0.33		0.98		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
1,1-Dichloropropylene	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
1,2,3-Trichlorobenzene	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
1,2,3-Trichloropropane	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
1,2,4,5-Tetramethylbenzene	~		~		~		5.7		3.4		11		12		1.2		NT	
1,2,4-Trichlorobenzene	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
1,2,4-Trimethylbenzene	5.9		5.9		100		18		13		14		39		0.56		NT	
1,2-Dibromo-3-chloropropane	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
1,2-Dibromoethane	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
1,2-Dichlorobenzene	1.1		1.1		100		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
1,2-Dichloroethane	0.02		0.02		5.8		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
1,2-Dichloropropane	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
1,3,5-Trimethylbenzene	3.1		3.1		100		3.6		1.6		2.8		9.8		0.2	U	NT	
1,3-Dichlorobenzene	2.6		2.6		38		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
1,3-Dichloropropane	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
1,4-Dichlorobenzene	1.8		1.8		24		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
1,4-Dioxane	0.1		0.1		5.7		40	U	40	U	40	U	40	U	40	U	NT	
2,2-Dichloropropane	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
2-Butanone	0.10		0.10		100		0.41	J	1.5		0.73		0.55		1.2		NT	
2-Chlorotoluene	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
2-Hexanone	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
4-Chlorotoluene	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
4-Methyl-2-pentanone	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
Acetone	0.03		0.03		100		3		6.4		4.8		3.7		6.3		NT	
Acrolein	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
Acrylonitrile	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
Benzene	0.06		0.06		3.7		0.2	U	0.3	J	0.2	U	0.23	J	0.2	U	NT	
Bromobenzene	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
Bromochloromethane	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
Bromodichloromethane	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
Bromoform	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
Bromomethane	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
Carbon disulfide	~		~		~		0.61		0.2	J	1.5		1.4		0.28	J	NT	
Carbon tetrachloride	0.76		0.76		7.1		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
Chlorobenzene	4.5		4.5		100		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
Chloroethane	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
Chloroform	0.37		0.37		24		0.55		0.49	J	0.51		0.53		0.47	J	NT	
Chloromethane	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
cis-1,2-Dichloroethylene	0.19		0.19		41		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
cis-1,3-Dichloropropylene	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
Cyclohexane	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
Dibromochloromethane	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
Dibromomethane	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
Dichlorodifluoromethane	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	
Diisopropyl ether (DIPE)	~		~		~		0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NT	
Ethyl Benzene	1		1		76		16		17		12		55		0.84		NT	
Ethyl tert-butyl ether (ETBE)	~		~		~		0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NT	
Hexachlorobutadiene	~		~		~		0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NT	

| | | |

Sample Name Sample ID Sampling Date Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives 12312025	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Protection of GW 12312025	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential 12312025	SB-2 (26-27) 25L1381-02 12/23/2025 12:55:00 PM Soil		SB-3 (27-28) 25L1381-03 12/23/2025 1:30:00 PM Soil		SB-4 (23-24) 25L1381-04 12/23/2025 2:00:00 PM Soil		SB-5 (26-27) 25L1381-05 12/23/2025 3:45:00 PM Soil	
Compound				Result	Q	Result	Q	Result	Q	Result	Q
Total Petroleum Hydrocarbons-GRO (C5-C10)				mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry	
Dilution Factor				100		100		100		100	
Total Petroleum Hydrocarbons-GRO	~	~	~	87.2	U	1080	D	362	D	84.3	U
VOA, 8260 MASTER	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg	
Dilution Factor				1		500		100		1	
1,1,1,2-Tetrachloroethane	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
1,1,1-Trichloroethane	0.68	0.68	100	0.00300	U	0.00340	U	0.00500	U	0.00270	U
1,1,2,2-Tetrachloroethane	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
1,1,2-Trichloroethane	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
1,1-Dichloroethane	0.27	0.27	47	0.00300	U	0.00340	U	0.00500	U	0.00270	U
1,1-Dichloroethylene	0.24	0.33	0.98	0.00300	U	0.00340	U	0.00500	U	0.00270	U
1,1-Dichloropropylene	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
1,2,3-Trichlorobenzene	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00380	J
1,2,3-Trichloropropane	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
1,2,4-Trichlorobenzene	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
1,2,4-Trimethylbenzene	5.9	5.9	100	0.0410		**64**	D	**12**	D	0.00270	U
1,2-Dibromo-3-chloropropane	~	~	~	0.00300	U	0.00340	U	0.0110		0.00270	U
1,2-Dibromoethane	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
1,2-Dichlorobenzene	1.1	1.1	100	0.00300	U	0.00340	U	0.00500	U	0.00270	U
1,2-Dichloroethane	0.02	0.02	5.8	0.00300	U	0.00340	U	0.00500	U	0.00270	U
1,2-Dichloropropane	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
1,3,5-Trimethylbenzene	3.1	3.1	100	0.00910		0.130		0.130		0.00270	U
1,3-Dichlorobenzene	2.6	2.6	38	0.00300	U	0.00340	U	0.00500	U	0.00270	U
1,3-Dichloropropane	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
1,4-Dichlorobenzene	1.8	1.8	24	0.00300	U	0.00340	U	0.00500	U	0.00270	U
1,4-Dioxane	0.1	0.1	5.7	NT		NT		NT		NT	
2,2-Dichloropropane	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
2-Butanone	0.10	0.10	100	0.00300	U	0.00340	U	0.00500	U	0.00270	U
2-Chlorotoluene	~	~	~	0.00300	U	0.00340	U	0.0310		0.00270	U
2-Hexanone	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
4-Chlorotoluene	~	~	~	0.00300	U	0.00340	U	0.0380		0.00270	U
4-Methyl-2-pentanone	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Acetone	0.03	0.03	100	0.0100	J	0.0300		**0.0470**		0.0190	
Acrolein	~	~	~	0.00600	U	0.00680	U	0.0100	U	0.00540	U
Acrylonitrile	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Benzene	0.06	0.06	3.7	0.00300	U	0.00340	U	0.0170		0.00270	U
Bromobenzene	~	~	~	0.00300	U	0.00340	U	0.0360		0.00270	U
Bromochloromethane	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Bromodichloromethane	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Bromoform	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Bromomethane	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Carbon disulfide	~	~	~	0.00680		0.00700		0.00860	J	0.00320	J
Carbon tetrachloride	0.76	0.76	7.1	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Chlorobenzene	4.5	4.5	100	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Chloroethane	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Chloroform	0.37	0.37	24	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Chloromethane	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
cis-1,2-Dichloroethylene	0.19	0.19	41	0.00300	U	0.00340	U	0.00500	U	0.00270	U
cis-1,3-Dichloropropylene	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Cyclohexane	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Dibromochloromethane	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Dibromomethane	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Dichlorodifluoromethane	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Ethyl Benzene	1	1	76	0.0250		0.200		**4.800**	D	0.00270	U
Hexachlorobutadiene	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Isopropylbenzene	~	~	~	0.0130		0.120		0.280		0.00270	U
Methyl acetate	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Methyl tert-butyl ether (MTBE)	0.10	0.1	100	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Methylcyclohexane	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Methylene chloride	0.05	0.05	81	0.00600	U	0.00680	U	0.0100	U	0.00540	U
Naphthalene	12	12	100	NT		NT		NT		NT	
n-Butylbenzene	18	18	100	0.00300	U	0.100		0.0650		0.00270	U
n-Propylbenzene	5	5	100	0.0130		0.260		0.350		0.00270	U
o-Xylene	~	~	~	0.00320	J	0.0470		0.110		0.00270	U
p- & m- Xylenes	~	~	~	0.00600	U	0.0570		0.0640		0.00540	U
p-Isopropyltoluene	~	~	~	0.0430		0.0960		0.120		0.00270	U
sec-Butylbenzene	25	25	100	0.00300	U	0.0120		0.610		0.00270	U
Styrene	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
tert-Butyl alcohol (TBA)	~	~	~	0.0150	U	0.0170	U	0.0250	U	0.0130	U
tert-Butylbenzene	11	11	100	0.00520	J	0.00340	U	0.120		0.00270	U
Tetrachloroethylene	1.3	1.3	18	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Toluene	0.7	0.7	100	0.00300	U	0.00340	U	0.00500	U	0.00270	U
trans-1,2-Dichloroethylene	0.19	0.19	100	0.00300	U	0.00340	U	0.00500	U	0.00270	U
trans-1,3-Dichloropropylene	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Trichloroethylene	0.47	0.47	6.4	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Trichlorofluoromethane	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Vinyl acetate	~	~	~	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Vinyl Chloride	0.03	0.03	0.48	0.00300	U	0.00340	U	0.00500	U	0.00270	U
Xylenes, Total	0.26	1.2	100	0.00890	U	0.100		0.180		0.00810	U
VOA, SPLP LOW MASTER	mg/Kg	mg/Kg	mg/Kg								
Dilution Factor											
1,1,1,2-Tetrachloroethane	~	~	~	NT		NT		NT		NT	
1,1,1-Trichloroethane	0.68	0.68	100	NT		NT		NT		NT	
1,1,2,2-Tetrachloroethane	~	~	~	NT		NT		NT		NT	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	~	~	NT		NT		NT		NT	
1,1,2-Trichloroethane	~	~	~	NT		NT		NT		NT	
1,1-Dichloroethane	0.27	0.27	47	NT		NT		NT		NT	
1,1-Dichloroethylene	0.24	0.33	0.98	NT		NT		NT		NT	
1,1-Dichloropropylene	~	~	~	NT		NT		NT		NT	
1,2,3-Trichlorobenzene	~	~	~	NT		NT		NT		NT	
1,2,3-Trichloropropane	~	~	~	NT		NT		NT		NT	
1,2,4,5-Tetramethylbenzene	~	~	~	NT		NT		NT		NT	
1,2,4-Trichlorobenzene	~	~	~	NT		NT		NT		NT	
1,2,4-Trimethylbenzene	5.9	5.9	100	NT		NT		NT		NT	
1,2-Dibromo-3-chloropropane	~	~	~	NT		NT		NT		NT	
1,2-Dibromoethane	~	~	~	NT		NT		NT		NT	
1,2-Dichlorobenzene	1.1	1.1	100	NT		NT		NT		NT	
1,2-Dichloroethane	0.02	0.02	5.8	NT		NT		NT		NT	
1,2-Dichloropropane	~	~	~	NT		NT		NT		NT	
1,3,5-Trimethylbenzene	3.1	3.1	100	NT		NT		NT		NT	
1,3-Dichlorobenzene	2.6	2.6	38	NT		NT		NT		NT	
1,3-Dichloropropane	~	~	~	NT		NT		NT		NT	
1,4-Dichlorobenzene	1.8	1.8	24	NT		NT		NT		NT	
1,4-Dioxane	0.1	0.1	5.7	NT		NT		NT		NT	
2,2-Dichloropropane	~	~	~	NT		NT		NT		NT	
2-Butanone	0.10	0.10	100	NT		NT		NT		NT	
2-Chlorotoluene	~	~	~	NT		NT		NT		NT	
2-Hexanone	~	~	~	NT		NT		NT		NT	
4-Chlorotoluene	~	~	~	NT		NT		NT		NT	
4-Methyl-2-pentanone	~	~	~	NT		NT		NT		NT	
Acetone	0.03	0.03	100	NT		NT		NT		NT	
Acrolein	~	~	~	NT		NT		NT		NT	
Acrylonitrile	~	~	~	NT		NT		NT		NT	
Benzene	0.06	0.06	3.7	NT		NT		NT		NT	
Bromobenzene	~	~	~	NT		NT		NT		NT	
Bromochloromethane	~	~	~	NT		NT		NT		NT	
Bromodichloromethane	~	~	~	NT		NT		NT		NT	
Bromoform	~	~	~	NT		NT		NT		NT	
Bromomethane	~	~	~	NT		NT		NT		NT	
Carbon disulfide	~	~	~	NT		NT		NT		NT	
Carbon tetrachloride	0.76	0.76	7.1	NT		NT		NT		NT	
Chlorobenzene	4.5	4.5	100	NT		NT		NT		NT	
Chloroethane	~	~	~	NT		NT		NT		NT	
Chloroform	0.37	0.37	24	NT		NT		NT		NT	
Chloromethane	~	~	~	NT		NT		NT		NT	
cis-1,2-Dichloroethylene	0.19	0.19	41	NT		NT		NT		NT	
cis-1,3-Dichloropropylene	~	~	~	NT		NT		NT		NT	
Cyclohexane	~	~	~	NT		NT		NT		NT	
Dibromochloromethane	~	~	~	NT		NT		NT		NT	
Dibromomethane	~	~	~	NT		NT		NT		NT	
Dichlorodifluoromethane	~	~	~	NT		NT		NT		NT	
Diisopropyl ether (DIPE)	~	~	~	NT		NT		NT		NT	
Ethyl Benzene	1	1	76	NT		NT		NT		NT	
Ethyl tert-butyl ether (ETBE)	~	~	~	NT		NT		NT		NT	
Hexachlorobutadiene	~	~	~	NT		NT		NT		NT	

Iodomethane	~	~	~	NT		NT		NT		NT					
Isopropylbenzene	~	~	~	NT		NT		NT		NT					
Methyl acetate	~	~	~	NT		NT		NT		NT					
Methyl Methacrylate	~	~	~	NT		NT		NT		NT					
Methyl tert-butyl ether (MTBE)	0.10	0.1	100	NT		NT		NT		NT					
Methylcyclohexane	~	~	~	NT		NT		NT		NT					
Methylene chloride	0.05	0.05	81	NT		NT		NT		NT					
Naphthalene	12	12	100	NT		NT		NT		NT					
n-Butylbenzene	18	18	100	NT		NT		NT		NT					
n-Propylbenzene	5	5	100	NT		NT		NT		NT					
o-Xylene	~	~	~	NT		NT		NT		NT					
p- & m- Xylenes	~	~	~	NT		NT		NT		NT					
p-Diethylbenzene	~	~	~	NT		NT		NT		NT					
p-Ethyltoluene	~	~	~	NT		NT		NT		NT					
p-Isopropyltoluene	~	~	~	NT		NT		NT		NT					
sec-Butylbenzene	25	25	100	NT		NT		NT		NT					
Styrene	~	~	~	NT		NT		NT		NT					
tert-Amyl alcohol (TAA)	~	~	~	NT		NT		NT		NT					
tert-Amyl methyl ether (TAME)	~	~	~	NT		NT		NT		NT					
tert-Butyl alcohol (TBA)	~	~	~	NT		NT		NT		NT					
tert-Butylbenzene	11	11	100	NT		NT		NT		NT					
Tetrachloroethylene	1.3	1.3	18	NT		NT		NT		NT					
Tetrahydrofuran	~	~	~	NT		NT		NT		NT					
Toluene	0.7	0.7	100	NT		NT		NT		NT					
trans-1,2-Dichloroethylene	0.19	0.19	100	NT		NT		NT		NT					
trans-1,3-Dichloropropylene	~	~	~	NT		NT		NT		NT					
trans-1,4-dichloro-2-butene	~	~	~	NT		NT		NT		NT					
Trichloroethylene	0.47	0.47	6.4	NT		NT		NT		NT					
Trichlorofluoromethane	~	~	~	NT		NT		NT		NT					
Vinyl acetate	~	~	~	NT		NT		NT		NT					
Vinyl Chloride	0.03	0.03	0.48	NT		NT		NT		NT					
Xylenes, Total	0.26	1.2	100	NT		NT		NT		NT					
SVOA, 8270 MASTER	mg/Kg	mg/Kg	mg/Kg	mg/Kg		mg/Kg		mg/Kg		mg/Kg					
Dilution Factor				2		20		200		2					
1,1-Biphenyl	~	~	~	0.0575	U	0.0672	U	0.835	U	0.109	U				
1,2,4,5-Tetrachlorobenzene	~	~	~	0.115	U	0.134	U	0.167	U	0.218	U				
2,3,4,6-Tetrachlorophenol	~	~	~	0.115	U	0.134	U	0.167	U	0.218	U				
2,4,5-Trichlorophenol	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
2,4,6-Trichlorophenol	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
2,4-Dichlorophenol	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
2,4-Dimethylphenol	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
2,4-Dinitrophenol	~	~	~	0.115	U	0.134	U	0.167	U	0.218	U				
2,4-Dinitrotoluene	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
2,6-Dinitrotoluene	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
2-Chloronaphthalene	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
2-Chlorophenol	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
2-Methylnaphthalene	~	~	~	2.310	D	0.0672	U	0.0835	U	0.109	U				
2-Methylphenol	0.33	0.33	100	0.0575	U	0.0672	U	0.0835	U	0.109	U				
2-Nitroaniline	~	~	~	0.115	U	0.134	U	0.167	U	0.218	U				
2-Nitrophenol	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
3- & 4-Methylphenols	0.33	0.33	100	0.0575	U	0.0672	U	0.0835	U	0.109	U				
3,3-Dichlorobenzidine	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
3-Nitroaniline	~	~	~	0.115	U	0.134	U	0.167	U	0.218	U				
4,6-Dinitro-2-methylphenol	~	~	~	0.115	U	0.134	U	0.167	U	0.218	U				
4-Bromophenyl phenyl ether	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
4-Chloro-3-methylphenol	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
4-Chloroaniline	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
4-Chlorophenyl phenyl ether	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
4-Nitroaniline	~	~	~	0.115	U	0.134	U	0.167	U	0.218	U				
4-Nitrophenol	~	~	~	0.115	U	0.134	U	0.167	U	0.218	U				
Acenaphthene	20	98	100	0.455	D	7.860	D	**20.100**	D	0.109	U				
Acenaphthylene	100	365	100	0.0575	U	0.418	D	0.673	D	0.109	U				
Acetophenone	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
Anthracene	100	1,000	100	0.343	D	4	D	11	D	0.109	U				
Atrazine	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
Benzaldehyde	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
Benzo(a)anthracene	1	1	1.4	0.0871	JD	**1.050**	D	**1.560**	D	0.109	U				
Benzo(a)pyrene	1	22	1	0.0575	U	0.524	D	0.633	D	0.109	U				
Benzo(b)fluoranthene	1	2.1	1.4	0.0575	U	0.262	D	0.405	D	0.109	U				
Benzo(g,h,i)perylene	0.64	1,000	4.9	0.0575	U	0.154	D	0.223	D	0.109	U				
Benzo(k)fluoranthene	0.8	2	4.9	0.0575	U	0.283	D	0.456	D	0.109	U				
Benzyl butyl phthalate	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
Bis(2-chloroethoxy)methane	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
Bis(2-chloroethyl)ether	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
Bis(2-chloroisopropyl)ether	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
Bis(2-ethylhexyl)phthalate	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
Caprolactam	~	~	~	0.115	U	0.134	U	0.167	U	0.218	U				
Carbazole	~	~	~	0.0575	U	0.0985	JD	0.184	D	0.109	U				
Chrysene	1	1	4.9	0.0835	JD	**1.050**	D	**1.520**	D	0.109	U				
Dibenzo(a,h)anthracene	0.33	1,000	0.33	0.0575	U	0.0672	U	0.0835	U	0.109	U				
Dibenzofuran	2.1	110	18	0.101	JD	0.0672	U	0.0835	U	0.109	U				
Diethyl phthalate	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
Dimethyl phthalate	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
Di-n-butyl phthalate	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
Di-n-octyl phthalate	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
Fluoranthene	85	1,000	100	0.218	D	2.570	D	6.280	D	0.109	U				
Fluorene	30	386	100	0.453	D	6.870	D	18.700	D	0.109	U				
Hexachlorobenzene	0.33	3.2	0.33	0.0575	U	0.0672	U	0.0835	U	0.109	U				
Hexachlorobutadiene	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
Hexachlorocyclopentadiene	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
Hexachloroethane	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
Indeno(1,2,3-cd)pyrene	0.5	6.6	1.4	0.0575	U	0.168	D	0.237	D	0.109	U				
Isophorone	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
Naphthalene	12	12	100	3.130	D	0.152	D	**100**	D	0.109	U				
Nitrobenzene	0.08	0.08	1.8	0.0575	U	0.0672	U	**0.0835**	U	**0.109**	U				
N-nitroso-di-n-propylamine	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
N-Nitrosodiphenylamine	~	~	~	0.0575	U	0.0672	U	0.0835	U	0.109	U				
Pentachlorophenol	0.8	0.8	1.3	0.0575	U	0.0672	U	0.0835	U	0.109	U				
Phenanthrene	1.1	1,000	4.9	**1.290**	D	**14.400**	D	**40.300**	D	0.109	U				
Phenol	0.33	0.33	100	0.0575	U	0.0672	U	0.0835	U	0.109	U				
Pyrene	64	1,000	100	0.351	D	4.260	D	9.370	D	0.109	U				
SVOA, SPLP LOW MASTER	mg/Kg	mg/Kg	mg/Kg												
Dilution Factor															
2-Methylphenol	0.33	0.33	100	NT		NT		NT		NT					
3- & 4-Methylphenols	0.33	0.33	100	NT		NT		NT		NT					
Phenol	0.33	0.33	100	NT		NT		NT		NT					
SVOA, SPLP SIM MASTER	mg/Kg	mg/Kg	mg/Kg												
Dilution Factor															
Acenaphthene	20	98	100	NT		NT		NT		NT					
Acenaphthylene	100	365	100	NT		NT		NT		NT					
Anthracene	100	1,000	100	NT		NT		NT		NT					
Benzo(a)anthracene	1	1	1.4	NT		NT		NT		NT					
Benzo(a)pyrene	1	22	1	NT		NT		NT		NT					
Benzo(b)fluoranthene	1	2.1	1.4	NT		NT		NT		NT					
Benzo(g,h,i)perylene	0.64	1,000	4.9	NT		NT		NT		NT					
Benzo(k)fluoranthene	0.8	2	4.9	NT		NT		NT		NT					
Chrysene	1	1	4.9	NT		NT		NT		NT					
Dibenzo(a,h)anthracene	0.33	1,000	0.33	NT		NT		NT		NT					
Fluoranthene	85	1,000	100	NT		NT		NT		NT					
Fluorene	30	386	100	NT		NT		NT		NT					
Hexachlorobenzene	0.33	3.2	0.33	NT		NT		NT		NT					
Indeno(1,2,3-cd)pyrene	0.5	6.6	1.4	NT		NT		NT		NT					
Naphthalene	12	12	100	NT		NT		NT		NT					
Pentachlorophenol	0.8	0.8	1.3	NT		NT		NT		NT					
Phenanthrene	1.1	1,000	4.9	NT		NT		NT		NT					
Pyrene	64	1,000	100	NT		NT		NT		NT					
Total Petroleum Hydrocarbons-DRO (C10-C28)				mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry					
Dilution Factor				1		1		1		1					
Total Petroleum Hydrocarbons-DRO	~	~	~	184		1040		2150		76					
Total Petroleum Hydrocarbons-ORO (C20-C36)				mg/kg dry		mg/kg dry		mg/kg dry		mg/kg dry					
Dilution Factor				1		1		1		1					
Total Petroleum Hydrocarbons-DRO	~	~	~	NT		NT		NT		NT					
Total Petroleum Hydrocarbons-ORO	~	~	~	34.6		228		420		23.5					
Total Solids				%		%		%		%					
Dilution Factor				1		1		1		1					
% Solids	~	~	~	72.5		62		49.9		76.4					

NOTES:

Any Regulatory Exceedences are color coded by Regulation

Q is the Qualifier Column with definitions as follows:

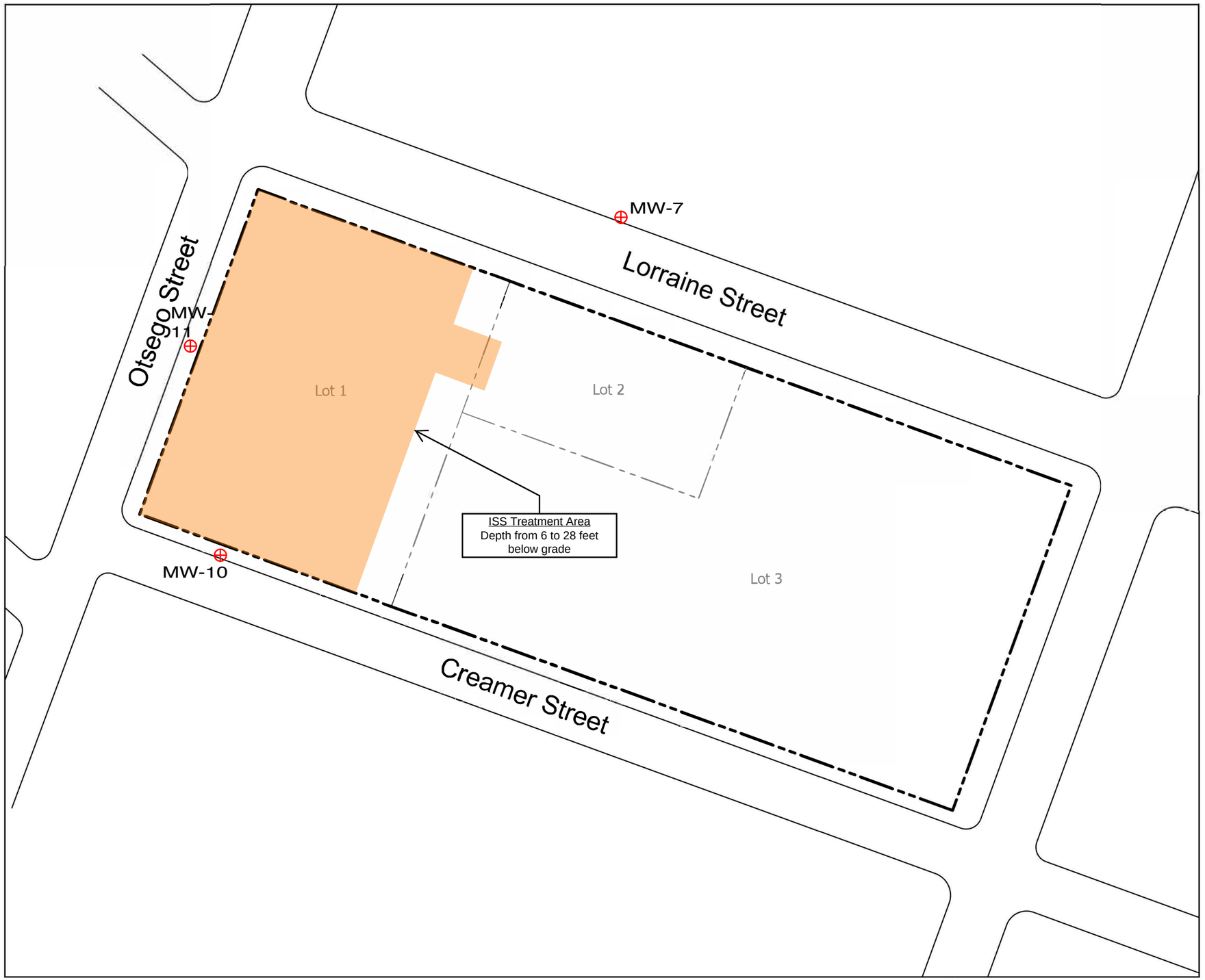
D=result is from an analysis that required a dilution

J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U=analyte not detected at or above the level indicated

APPENDIX 1

ISS Treatment Area and Proposed Off-site Monitoring Well Locations



Reference:
Site boundary and Tax Lot layout from propertyinformationportal.nyc.gov

Legend

- NYC Tax Lots
- Site Boundary
- ISS Treatment Area
- Monitoring Well Location

0 30 60 120 Feet

STATE OF NEW YORK
MATTHEW M. CARROLL
091629
LICENSED PROFESSIONAL ENGINEER

37 Otsego Street
Brooklyn, New York
Block 579, Lots 1, 2 & 3

Matthew M. Carroll, PE
1085 Sackett Avenue
Bronx, NY 10461

Drawn By	Checked By	Date	Scale
LM	MC	03/11/2026	As Noted

Drawing Title: ISS Treatment Area and Off-Site Monitoring Well Locations

Drawing No.: Figure 1

APPENDIX 2

Treatability Testing Report for the 37 Otsego Street Site, Brooklyn, New York

LEC

TREATABILITY TESTING REPORT FOR THE 37 OTSEGO STREET SITE, BROOKLYN, NEW YORK- REVISED

SAMPLES

Two 5-gallon buckets of sample material were received at Lear Environmental Consulting's laboratory in Sevierville, TN on 12/26/25. This material represented the entire area and depth of the proposed ISS treatment volume (approximately 20,500 cubic yards) and was collected from the entire 22 foot treatment interval (6 to 28 feet bgs).

Figure 1. Treatability Sample Material

Clods of clay were included in the sample material, indicating that the sediment/clay layer underlying the interval of petroleum hydrocarbon contamination was part of the collected sample material. Minimal liquid was present in the sample material. The material in this bucket appeared to be very similar to the other sample material received for an earlier treatability study for the site, with clods of clay intermixed in coarser material and petroleum hydrocarbon odor.

Figure 2. Compositing Sample

The entire sample volume received from the site was composited in a 54-gallon HDPE tub and homogenized using a high torque dual shaft mixer (BN Products) to produce a composite sample (OS-1 Composite) for treatability testing. Rocks and cobbles greater than ½-inch were manually removed from the composite. Though there is a sediment/clay layer underlying the interval of gross contamination, the OS-1 Composite was prepared to represent the entire proposed ISS treatment area and volume, not concentrate solely on the clay/sediment layer. The homogenized composite sample was returned to the two 5-gallon buckets for the rest of the treatability testing.

CHARACTERIZATION

The homogenized composite sample was a dark stained loamy sand/loamy sand soil with a petroleum hydrocarbon odor. Grab samples of the composite soil was analyzed for total VOCs, SVOCs, and petroleum hydrocarbons, SPLP VOCs and SVOCs, pH, percent solids finer than 200 mesh, solids content, and bulk density. The composite soil was also to a modified ANS16.1 leach test where the monolith molded sample was suspended in water at a V/A (volume/surface area) of 10 cm for 5 days. The analytical testing was conducted at Pace National Laboratories' Mt. Juliet, TN facility, a NYDEC/ELAP-certified laboratory. The characterization results are summarized in Tables 1 and 2.

Table 1. Characterization Results for the OS-1 Composite Sample

Parameter	Methodology	Result
		OS Composite
Solids Content (% dry weight basis)	Modified ASTM D2216	67.9
Wet Bulk Density (g/mL)	Modified ASTM D6683	1.76
pH	SW-846 Method 9045	6.16
Passing 200 mesh (%)	ASTM D1140	17.6%

Table 2. Analytical Characterization Results (Total and SPLP) for the OS Composite Sample

Parameter	Total	SPLP	Parameter	Total	SPLP
	(mg/kg)	(mg/L)		(mg/kg)	(mg/L)
Analyte	Result	Result	Analyte	Result	Result
C10-C28 DIESEL RANGE	126	na	ANTHRACENE	1.77	0.00346
C28-C40 OIL RANGE	51.5	na	BENZO(A)ANTHRACENE	0.257	<0.00100
BENZENE	0.00230	<0.00100	BENZO(B)FLUORANTHENE	0.151	<0.00100
SEC-BUTYLBENZENE	0.0310	<0.00100	BENZO(K)FLUORANTHENE	0.160	<0.00100
CHLOROBENZENE	<0.00250	<0.00100	BENZO(G,H,I)PERYLENE	0.0839	<0.00100
ETHYLBENZENE	0.140	0.000431	BENZO(A)PYRENE	0.0547	<0.00100
ISOPROPYLBENZENE	0.162	<0.00100	CHRYSENE	0.208	0.000722
P-ISOPROPYLTOLUENE	0.280	0.00218	DIBENZ(A,H)ANTHRACENE	0.0207	<0.00100
4-METHYL-2-PENTANONE (MIBK)	0.0280	<0.0200	FLUORANTHENE	0.709	0.00117
N-PROPYLBENZENE	0.268	<0.00100	FLUORENE	1.54	0.0155
STYRENE	<0.0125	<0.00100	INDENO(1,2,3-CD)PYRENE	0.0763	<0.00100
TOLUENE	0.00636	<0.00100	NAPHTHALENE	6.01	0.00945
1,2,4-TRIMETHYLBENZENE	0.524	<0.00200	N-NITROSODIPHENYLAMINE	na	0.00213
1,2,3-TRIMETHYLBENZENE	0.468	0.00676	PHENANTHRENE	3.51	0.00751
1,3,5-TRIMETHYLBENZENE	0.203	0.00320	PYRENE	0.818	0.00165
XYLENES, TOTAL	0.100	0.000579	1-METHYLNAPHTHALENE	6.71	na
ACENAPHTHENE	1.13	0.0297	2-METHYLNAPHTHALENE	7.11	na

Note: Only analytes detected in the total or SPLP analyses are included
na = not analyzed

REAGENTS

Portland Type IL (LaFargeHolcim, Camden, NJ), and Grade 100 ground granulated blast furnace slag (LaFargeHolcim, Baltimore, MD) were used for the treatability testing. Portland cement alone and in combination with ground granulated blast furnace slag (GGBFS) has been shown effective for developing high unconfined compressive strength and low hydraulic conductivity on soils contaminated with tarry or oily wastes. Powdered activated carbon (Calgon Corporation, Pittsburgh, PA) was also used in select formulations to reduce the leaching of organic contaminants.

FORMULATION DEVELOPMENT

3,500 g aliquots of the homogenized composite sample were treated using the reagents and reagent combinations (mix ratio = [(weight reagent)/(weight waste)]) in Table 3. Figure 3 shows an aliquot of the OS Composite material; note the small clay clods included in the aliquot. The reagents were mixed with water (at a water/reagent ratio (by weight) of 1.0) to produce a slurry, which was mixed into the 3.5-kg of composite sample material using a planetary mixer until visibly homogeneous (Figure 4).

Figure 3. Aliquot of the OS-1 Composite

Figure 4. Homogenized Formulation

The treated material produced for each formulation was compacted into a 3-inch by 6-inch right cylinder mold, five 2-inch x 4-inch right cylinder molds and a 16 oz plastic cup. Each formulation was tested for pocket penetrometer strength at 1, 3, 5, and 7 days of curing. The formulations were tested for unconfined compressive strength at 14 and 28 days (28 day testing only if the 14 day UCS was less than 50 psi) and permeability testing at 21 days of curing. Samples of all formulations were sent for SPLP VOCs and SVOCs testing at 14 days of curing. After 28 days of curing, 2-inch by 4-inch molds from all formulations were subjected to a modified ANS16.1 leach test where the monolith sample was suspended in water at a V/A (volume/surface area) of 10 cm for 5 days. The ANS16.1 leachates were sent for VOCs and SVOCs analysis. The formulation testing results are summarized in Tables 3 through 5.

Table 3. Formulations for OS-1 Composite

Formulation	Portland cement	GGBFS	Activated Carbon	Pocket Penetrometer Strength (tsf)				UCS (psi)		HC (cm/s)
	Mix Ratio			Day 1	Day 3	Day 5	Day 7	Day 14	Day 28	Day 21
OS-101	0.06	--	--	4.0	>4.5	>4.5	>4.5	43	64	5.1e-07
OS-102	0.08	--	--	4.5	>4.5	>4.5	>4.5	49	99	3.6e-07
OS-103	0.03	0.03	--	3.5	>4.5	>4.5	>4.5	36	58	4.0e-07
OS-104	0.04	0.04	--	4.0	>4.5	>4.5	>4.5	66	129[A]	2.0e-07
OS-105	0.06	--	0.01	3.75	>4.5	>4.5	>4.5	33	62	1.0e-08
OS-106	0.08	--	0.01	4.0	>4.5	>4.5	>4.5	54	106[A]	8.0e-07
OS-107	0.03	0.03	0.01	3.5	>4.5	>4.5	>4.5	34	62	5.0e-07
OS-108	0.04	0.04	0.01	3.75	>4.5	>4.5	>4.5	72	144[A]	1.6e-07

Note: Mix Ratio = [(weight reagent)/(weight soil)]
[A] 56 day UCS

Table 4. SPLP Results for the OS-1 Composite Formulations

Sample	OS-1 Composite	OS-101	OS-102	OS-103	OS-104	OS-105	OS-106	OS-107	OS-108
Analyte	SPLP Result (mg/L)								
BENZENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
SEC-BUTYLBENZENE	<0.00100	0.000617	0.000528	0.000611	0.000760	<0.00100	<0.00100	<0.00100	<0.00100
CHLOROBENZENE	<0.00100	<0.00100	0.000440	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
ETHYLBENZENE	0.000431	0.0121	0.0136	0.0119	0.0125	0.000518	0.000373	<0.00100	0.000269
ISOPROPYLBENZENE	<0.00100	0.00992	0.0101	0.00817	0.00952	0.000236	0.000178	0.000161	0.000129
P-ISOPROPYLTOLUENE	0.00218	0.00606	0.00555	0.00578	0.00672	<0.00100	<0.00100	<0.00100	<0.00100
4-METHYL-2-PENTANONE (MIBK)	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
METHYL TERT-BUTYL ETHER	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
N-PROPYLBENZENE	<0.00100	0.0129	0.0132	0.0121	0.0135	0.000320	0.000269	<0.00100	<0.00100
STYRENE	<0.00100	0.000877	0.00522	0.000739	0.000488	<0.00100	0.000454	0.000402	<0.00100
TOLUENE	<0.00100	0.000531	0.000372	0.00413	0.000575	<0.00100	<0.00100	<0.00100	<0.00100
1,2,4-TRIMETHYLBENZENE	<0.00200	0.0341	0.0347	0.0424	0.0408	0.00118	0.00106	0.000880	0.000757
1,2,3-TRIMETHYLBENZENE	0.00676	0.0237	0.0247	0.0247	0.0280	0.000817	0.000663	0.000487	0.000415
1,3,5-TRIMETHYLBENZENE	0.00320	0.00733	0.00732	0.0100	0.00844	0.000274	<0.00100	<0.00100	<0.00100
XYLENES, TOTAL	0.000579	0.00888	0.00914	0.0289	0.00735	0.000481	0.000519	0.000409	0.000450
ACENAPHTHENE	0.0297	0.0242	0.0256	0.0275	0.0253	0.00182	0.00130	0.000755	0.000587
ANTHRACENE	0.00346	0.00252	0.00280	0.00232	0.00269	0.000210	<0.00100	<0.00100	<0.00100
BENZO(A)ANTHRACENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
BENZO(B)FLUORANTHENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
BENZO(K)FLUORANTHENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
BENZO(G,H,I)PERYLENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
BENZO(A)PYRENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
CHRYSENE	0.000722	0.000364	0.000296	<0.00100	0.000303	<0.00100	<0.00100	<0.00100	0.000522
DIBENZ(A,H)ANTHRACENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
FLUORANTHENE	0.00117	0.000673	0.000790	0.000712	0.000670	<0.00100	<0.00100	<0.00100	<0.00100
FLUORENE	0.0155	0.0120	0.0126	0.0137	0.0122	0.000962	0.000666	0.000360	0.000280
INDENO(1,2,3-CD)PYRENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
NAPHTHALENE	0.00945	0.275	0.264	0.280	0.353	0.0236	0.0206	0.00807	0.00823
N-NITROSODIPHENYLAMINE	0.00213	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
PHENANTHRENE	0.00751	0.0127	0.0130	0.0130	0.0126	0.000878	0.000630	0.000328	0.000294
PYRENE	0.00165	0.000992	0.000903	0.000786	0.000890	<0.00100	<0.00100	<0.00100	<0.00100

Note: Only analytes detected in the total or SPLP analyses are included

Table 5.
Modified ANS 16.1 Results for the OS-1 Composite Formulations

Sample	OS-1 Composite	OS-101	OS-102	OS-103	OS-104	OS-105	OS-106	OS-107	OS-108
Analyte	Modified ANS Leachate Result (mg/L)								
BENZENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
SEC-BUTYLBENZENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
CHLOROBENZENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
ETHYLBENZENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
ISOPROPYLBENZENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
P-ISOPROPYLTOLUENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
4-METHYL-2-PENTANONE (MIBK)	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
METHYL TERT-BUTYL ETHER	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
NAPHTHALENE	0.0340	0.145	0.169	0.139	0.104	0.00794	0.0268	<0.00500	<0.00500
N-PROPYLBENZENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
STYRENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
TOLUENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,2,4-TRIMETHYLBENZENE	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200	<0.00200
1,2,3-TRIMETHYLBENZENE	<0.00100	0.00125	0.00114	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
1,3,5-TRIMETHYLBENZENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
XYLENES, TOTAL	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300	<0.00300
ACENAPHTHENE	<0.00100	0.00400	0.00418	0.00324	0.00250	<0.00100	<0.00100	<0.00100	<0.00100
ANTHRACENE	<0.00100	0.000373	0.000314	0.000261	0.000249	<0.00100	<0.00100	<0.00100	<0.00100
BENZO(A)ANTHRACENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
BENZO(B)FLUORANTHENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
BENZO(K)FLUORANTHENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
BENZO(G,H,I)PERYLENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
BENZO(A)PYRENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
CHRYSENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
DIBENZ(A,H)ANTHRACENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
FLUORANTHENE	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
FLUORENE	<0.00100	0.00214	0.00222	0.00174	0.00139	<0.00100	<0.00100	<0.00100	<0.00100
INDENO(1,2,3-CD)PYRENE	<0.0100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100
NAPHTHALENE	<0.00100	0.0500	0.0623	0.0474	0.0400	0.00213	0.0213	0.00316	<0.00100
N-NITROSODIPHENYLAMINE	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
PHENANTHRENE	<0.00100	0.00168	0.00173	0.00143	0.00121	<0.00100	<0.00100	<0.00100	<0.00100
PYRENE	0.00114	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100	<0.00100

Note: Only analytes detected in the total or SPLP analyses are included

DISCUSSION

The SPLP assesses leachability on a sample that has been size-reduced to less than 3/8-inch. The size-reduced aliquot is then tumbled for 18 hours in a synthetic precipitation leachate at a 20:1 liquid/solid ratio, allowing intimate contact between the particle surfaces and the leachate. The procedure is considered to represent a “worst case” leaching scenario, especially of ISS-treated material as it is often monolith in nature.

The SPLP results for the formulations (Table 4) showed slight increases in the ethylbenzene, isopropyl benzene, p-isopropyl toluene, n-propyl benzene, 1,2,4-trimethylbenzene, 1,2,3-trimethylbenzene, 1,3,5-trimethylebenzene, xylene, and naphthalene concentrations in the SPLP leachate for Formulations OS-101 through OS-104, which did not contain activated carbon, as compared to the OS-1 Composite. These slight increases are common in stabilization treatment of petroleum hydrocarbon-impacted soils and may attributed to the effect

of the alkalinity of the cementitious matrix on the petroleum hydrocarbons (e.g., saponification) which may release contaminants bound/sorbed within the petroleum hydrocarbons. The addition of activated carbon to Formulations OS-105 through OS-108 typically resulted in SPLP leachate concentrations below that of the OS-1 Composite.

The ANS 16.1 leaching procedure is a static leaching test where a monolithic or molded sample is suspended in distilled, deionized water at a liquid:surface area ratio (L:S) of 10:1. In the ANS 16.1 leaching procedure, only the surface of a monolithic sample or the soil aggregate surfaces to a molded sample are exposed to the leachate, similar to groundwater interacting for an ISS monolith or a saturate soil. The ANS 16.1 leaching procedure has the leachate switched out for fresh leachate after various time periods. For this study, a modified ANS 16.1 leaching procedure where the sample was left suspended in the same leachate for 5 days was utilized.

The modified ANS results for the formulations (Table 5) showed slight increases in the naphthalene, 1,2,3-trimethylbenzene, acenaphthene, anthracene, fluorene, and phenanthrene concentrations in the leachate for Formulations OS-101 through OS-104, which did not contain activated carbon, as compared to the OS-1 Composite. These slight increases are common in stabilization treatment of petroleum hydrocarbon-impacted soils and may attributed to the effect of the alkalinity of the cementitious matrix on the petroleum hydrocarbons (e.g., saponification) which may release contaminants bound/sorbed within the petroleum hydrocarbons. The addition of activated carbon to Formulations OS-105 through OS-108 typically resulted in ANS leachate concentrations below that of the OS-1 Composite.

CONCLUSIONS

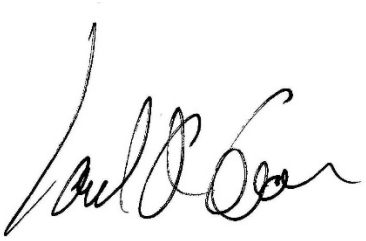
The OS-1 Composite sample, representing the entire area and depth of the proposed ISS treatment volume, had 67.9% solids (on a wet weight basis) and a wet density of 1.49 tons/cubic yard. The composite material was a moist, loamy sand/sandy loam material with a slight petroleum odor. The composite sample had relatively low concentration of diesel- and lube-range petroleum hydrocarbons and polyaromatic hydrocarbons (PAHs), with no significant SPLP=leachable concentrations of the VOCs and SVOCs.

Based on the quick development of the penetrometer strength and UCS values, the petroleum hydrocarbons in the OS composite sample appeared to have little adverse effect on the setting of the cementitious additives.

Based on the results in Tables 3 through 7, a mix design of at least 6% by weight Portland cement (Formulation OS-101 above) would be recommended to produce a treated material with greater than 50 psi unconfined strength and near $1x10^{-6}$ cm/s hydraulic conductivity (Interstate Technology & Regulatory Council, ”Development of Performance Standards for Solidification/Stabilization”). A 1:1 weight ratio of Portland cement and GGBFS could be utilized in place of Portland cement alone, should Portland cement supplies become limited due to supply chain issues.

To minimize contaminant leachability and to produce a treated material with greater than 100 psi unconfined strength, changing to a mix design of at least 8% by weight Portland cement and adding 1% by weight activated carbon (Formulation OS-106) would be recommended.

If you have any questions and/or concerns about this treatability testing report, please feel free to contact me at paulrlear@gmail.com or at 865-919-5205.



Paul R Lear, Ph.D.

ANALYTICAL REPORT

January 19, 2026

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Lear Environmental Consulting

Sample Delivery Group:	L1934239
Samples Received:	01/09/2026
Project Number:	
Description:	Ostego Street Treatability

Report To:

Paul Lear
532 Trails End Lane
Sevierville, TN 37876

Entire Report Reviewed By:

Kelly Mercer
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

TABLE OF CONTENTS

Cp: Cover Page 1

Tc: Table of Contents 2

Ss: Sample Summary 3

Cn: Case Narrative 5

Sr: Sample Results 6

OS-101 L1934239-01 6

OS-102 L1934239-02 9

OS-103 L1934239-03 12

OS-104 L1934239-04 15

OS-105 L1934239-05 18

OS-106 L1934239-06 21

OS-107 L1934239-07 24

OS-108 L1934239-08 27

OS-1 COMP L1934239-09 30

OS-1 COMP L1934239-10 32

Qc: Quality Control Summary 35

Volatile Organic Compounds (GC/MS) by Method 8260D 35

Semi-Volatile Organic Compounds (GC) by Method 8015 47

Semi Volatile Organic Compounds (GC/MS) by Method 8270E 48

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM 52

Gl: Glossary of Terms 54

Al: Accreditations & Locations 55

Sc: Sample Chain of Custody 56

OS-101 L1934239-01

Collected by: Paul R. Lear | Collected date/time: 01/08/26 06:10 | Received date/time: 01/09/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 1312	WG2672550	1	01/13/26 11:03	01/13/26 11:03	PNK	Mt. Juliet, TN
Preparation by Method 1312	WG2672637	1	01/10/26 17:51	01/10/26 17:51	PNK	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2674981	1	01/14/26 23:19	01/14/26 23:19	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2675692	100	01/16/26 00:18	01/16/26 00:18	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2673616	1	01/13/26 08:11	01/13/26 21:59	KB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2673616	10	01/13/26 08:11	01/14/26 13:51	VDR	Mt. Juliet, TN

OS-102 L1934239-02

Collected by: Paul R. Lear | Collected date/time: 01/08/26 06:13 | Received date/time: 01/09/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 1312	WG2672550	1	01/13/26 11:03	01/13/26 11:03	PNK	Mt. Juliet, TN
Preparation by Method 1312	WG2672637	1	01/10/26 17:51	01/10/26 17:51	PNK	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2674981	1	01/14/26 23:40	01/14/26 23:40	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2675692	100	01/16/26 00:38	01/16/26 00:38	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2673616	1	01/13/26 08:11	01/13/26 22:21	KB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2673616	10	01/13/26 08:11	01/14/26 14:13	VDR	Mt. Juliet, TN

OS-103 L1934239-03

Collected by: Paul R. Lear | Collected date/time: 01/08/26 06:15 | Received date/time: 01/09/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 1312	WG2672550	1	01/13/26 11:03	01/13/26 11:03	PNK	Mt. Juliet, TN
Preparation by Method 1312	WG2672637	1	01/10/26 17:51	01/10/26 17:51	PNK	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2674981	1	01/15/26 00:01	01/15/26 00:01	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2675692	100	01/16/26 00:59	01/16/26 00:59	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2673616	1	01/13/26 08:11	01/13/26 22:43	KB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2673616	10	01/13/26 08:11	01/14/26 14:35	VDR	Mt. Juliet, TN

OS-104 L1934239-04

Collected by: Paul R. Lear | Collected date/time: 01/08/26 06:17 | Received date/time: 01/09/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 1312	WG2672550	1	01/13/26 11:03	01/13/26 11:03	PNK	Mt. Juliet, TN
Preparation by Method 1312	WG2672637	1	01/10/26 17:51	01/10/26 17:51	PNK	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2674981	1	01/15/26 00:22	01/15/26 00:22	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2675692	100	01/16/26 01:19	01/16/26 01:19	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2673616	1	01/13/26 08:11	01/13/26 23:04	KB	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2673616	10	01/13/26 08:11	01/14/26 14:57	VDR	Mt. Juliet, TN

OS-105 L1934239-05

Collected by: Paul R. Lear | Collected date/time: 01/08/26 06:20 | Received date/time: 01/09/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 1312	WG2672550	1	01/13/26 11:03	01/13/26 11:03	PNK	Mt. Juliet, TN
Preparation by Method 1312	WG2672637	1	01/10/26 17:51	01/10/26 17:51	PNK	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2674981	1	01/15/26 00:43	01/15/26 00:43	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2675692	1	01/15/26 22:35	01/15/26 22:35	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2673616	1	01/13/26 08:11	01/13/26 23:26	KB	Mt. Juliet, TN

OS-106 L1934239-06

Collected by: Paul R. Lear | Collected date/time: 01/08/26 06:24 | Received date/time: 01/09/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 1312	WG2672550	1	01/13/26 11:03	01/13/26 11:03	PNK	Mt. Juliet, TN
Preparation by Method 1312	WG2672637	1	01/10/26 17:51	01/10/26 17:51	PNK	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2674981	1	01/15/26 01:04	01/15/26 01:04	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2675692	1	01/15/26 22:55	01/15/26 22:55	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2673616	1	01/13/26 08:11	01/13/26 23:48	KB	Mt. Juliet, TN

OS-107 L1934239-07

Collected by: Paul R. Lear | Collected date/time: 01/08/26 06:26 | Received date/time: 01/09/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 1312	WG2672550	1	01/13/26 11:03	01/13/26 11:03	PNK	Mt. Juliet, TN
Preparation by Method 1312	WG2672637	1	01/10/26 17:51	01/10/26 17:51	PNK	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2674981	1	01/15/26 01:25	01/15/26 01:25	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2675692	1	01/15/26 23:16	01/15/26 23:16	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2673616	1	01/13/26 08:11	01/14/26 00:09	KB	Mt. Juliet, TN

OS-108 L1934239-08

Collected by: Paul R. Lear | Collected date/time: 01/08/26 06:30 | Received date/time: 01/09/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 1312	WG2672550	1	01/13/26 11:03	01/13/26 11:03	PNK	Mt. Juliet, TN
Preparation by Method 1312	WG2672637	1	01/10/26 17:51	01/10/26 17:51	PNK	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2674981	1	01/15/26 01:46	01/15/26 01:46	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2675692	1	01/15/26 23:36	01/15/26 23:36	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2673616	1	01/13/26 08:11	01/13/26 21:16	KB	Mt. Juliet, TN

OS-1 COMP L1934239-09

Collected by: Paul R. Lear | Collected date/time: 01/08/26 06:45 | Received date/time: 01/09/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2673003	1	01/08/26 06:45	01/11/26 17:24	DWR	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2676271	40	01/08/26 06:45	01/16/26 23:30	JAH	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG2672859	2	01/12/26 20:26	01/13/26 12:28	GTW	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2672869	1	01/12/26 07:13	01/12/26 19:46	JRM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM	WG2672869	10	01/12/26 07:13	01/13/26 02:23	MGP	Mt. Juliet, TN

OS-1 COMP L1934239-10

Collected by: Paul R. Lear | Collected date/time: 01/08/26 06:45 | Received date/time: 01/09/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 1312	WG2672550	1	01/13/26 11:03	01/13/26 11:03	PNK	Mt. Juliet, TN
Preparation by Method 1312	WG2672637	1	01/10/26 17:51	01/10/26 17:51	PNK	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2674981	1	01/15/26 02:07	01/15/26 02:07	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2675692	1	01/15/26 23:57	01/15/26 23:57	DWR	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2673616	1	01/13/26 08:11	01/13/26 21:38	KB	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Kelly Mercer
Project Manager

Sample Delivery Group (SDG) Narrative

Analyzed from headspace vial.

Lab Sample ID	Project Sample ID	Method
L1934239-01	OS-101	8260D
L1934239-02	OS-102	8260D
L1934239-03	OS-103	8260D
L1934239-04	OS-104	8260D
L1934239-05	OS-105	8260D
L1934239-06	OS-106	8260D
L1934239-07	OS-107	8260D
L1934239-08	OS-108	8260D
L1934239-10	OS-1 COMP	8260D

Preparation by Method 1312

Analyte	Result	Qualifier	Prep date / time	Batch
SPLP Extraction	-		1/10/2026 5:51:29 PM	WG2672637
SPLP ZHE Extraction	-		1/13/2026 11:03:38 AM	WG2672550
Final pH	12.23		1/10/2026 5:51:29 PM	WG2672637

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	01/14/2026 23:19	WG2674981
Acrolein	ND		0.0500	1	01/14/2026 23:19	WG2674981
Acrylonitrile	ND		0.0100	1	01/14/2026 23:19	WG2674981
Benzene	ND		0.00100	1	01/14/2026 23:19	WG2674981
Bromobenzene	ND		0.00100	1	01/14/2026 23:19	WG2674981
Bromodichloromethane	ND		0.00100	1	01/14/2026 23:19	WG2674981
Bromoform	ND		0.00100	1	01/14/2026 23:19	WG2674981
Bromomethane	ND	C3	0.00500	1	01/14/2026 23:19	WG2674981
n-Butylbenzene	ND		0.00100	1	01/14/2026 23:19	WG2674981
sec-Butylbenzene	ND		0.00100	1	01/14/2026 23:19	WG2674981
tert-Butylbenzene	ND		0.00100	1	01/14/2026 23:19	WG2674981
Carbon tetrachloride	ND		0.00100	1	01/14/2026 23:19	WG2674981
Chlorobenzene	ND		0.00100	1	01/14/2026 23:19	WG2674981
Chlorodibromomethane	ND		0.00100	1	01/14/2026 23:19	WG2674981
Chloroethane	ND		0.00500	1	01/14/2026 23:19	WG2674981
Chloroform	ND		0.00500	1	01/14/2026 23:19	WG2674981
Chloromethane	ND	C3	0.00500	1	01/14/2026 23:19	WG2674981
2-Chlorotoluene	ND		0.00100	1	01/14/2026 23:19	WG2674981
4-Chlorotoluene	ND		0.00100	1	01/14/2026 23:19	WG2674981
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	01/14/2026 23:19	WG2674981
1,2-Dibromoethane	ND		0.00100	1	01/14/2026 23:19	WG2674981
Dibromomethane	ND		0.00100	1	01/14/2026 23:19	WG2674981
1,2-Dichlorobenzene	ND		0.00100	1	01/14/2026 23:19	WG2674981
1,3-Dichlorobenzene	ND		0.00100	1	01/14/2026 23:19	WG2674981
1,4-Dichlorobenzene	ND		0.00100	1	01/14/2026 23:19	WG2674981
Dichlorodifluoromethane	ND		0.00500	1	01/14/2026 23:19	WG2674981
1,1-Dichloroethane	ND		0.00100	1	01/14/2026 23:19	WG2674981
1,2-Dichloroethane	ND		0.00100	1	01/14/2026 23:19	WG2674981
1,1-Dichloroethene	ND		0.00100	1	01/14/2026 23:19	WG2674981
cis-1,2-Dichloroethene	ND		0.00100	1	01/14/2026 23:19	WG2674981
trans-1,2-Dichloroethene	ND		0.00100	1	01/14/2026 23:19	WG2674981
1,2-Dichloropropane	ND		0.00100	1	01/14/2026 23:19	WG2674981
1,1-Dichloropropene	ND		0.00100	1	01/14/2026 23:19	WG2674981
1,3-Dichloropropane	ND		0.00100	1	01/14/2026 23:19	WG2674981
cis-1,3-Dichloropropene	ND		0.00100	1	01/14/2026 23:19	WG2674981
trans-1,3-Dichloropropene	ND		0.00100	1	01/14/2026 23:19	WG2674981
2,2-Dichloropropane	ND		0.00100	1	01/14/2026 23:19	WG2674981
Di-isopropyl ether	ND		0.00100	1	01/14/2026 23:19	WG2674981
Ethylbenzene	0.0121		0.00100	1	01/14/2026 23:19	WG2674981
Hexachloro-1,3-butadiene	ND		0.00200	1	01/14/2026 23:19	WG2674981
Isopropylbenzene	0.00992		0.00100	1	01/14/2026 23:19	WG2674981
p-Isopropyltoluene	0.00606		0.00100	1	01/14/2026 23:19	WG2674981
2-Butanone (MEK)	ND		0.0200	1	01/14/2026 23:19	WG2674981
Methylene Chloride	ND		0.00500	1	01/14/2026 23:19	WG2674981
4-Methyl-2-pentanone (MIBK)	ND		0.0200	1	01/14/2026 23:19	WG2674981
Methyl tert-butyl ether	ND		0.00100	1	01/14/2026 23:19	WG2674981
Naphthalene	1.32		0.500	100	01/16/2026 00:18	WG2675692
n-Propylbenzene	0.0129		0.00100	1	01/14/2026 23:19	WG2674981

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Styrene	ND		0.00100	1	01/14/2026 23:19	WG2674981
1,1,1,2-Tetrachloroethane	ND		0.00100	1	01/14/2026 23:19	WG2674981
1,1,2,2-Tetrachloroethane	ND		0.00100	1	01/14/2026 23:19	WG2674981
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	01/14/2026 23:19	WG2674981
Tetrachloroethene	ND		0.00100	1	01/14/2026 23:19	WG2674981
Toluene	ND		0.00100	1	01/14/2026 23:19	WG2674981
1,2,3-Trichlorobenzene	ND		0.00100	1	01/14/2026 23:19	WG2674981
1,2,4-Trichlorobenzene	ND		0.00200	1	01/14/2026 23:19	WG2674981
1,1,1-Trichloroethane	ND		0.00100	1	01/14/2026 23:19	WG2674981
1,1,2-Trichloroethane	ND		0.00100	1	01/14/2026 23:19	WG2674981
Trichloroethene	ND		0.00100	1	01/14/2026 23:19	WG2674981
Trichlorofluoromethane	ND		0.00500	1	01/14/2026 23:19	WG2674981
1,2,3-Trichloropropane	ND		0.00250	1	01/14/2026 23:19	WG2674981
1,2,4-Trimethylbenzene	0.0341		0.00200	1	01/14/2026 23:19	WG2674981
1,2,3-Trimethylbenzene	0.0237		0.00100	1	01/14/2026 23:19	WG2674981
1,3,5-Trimethylbenzene	0.00733		0.00100	1	01/14/2026 23:19	WG2674981
Vinyl chloride	ND		0.00100	1	01/14/2026 23:19	WG2674981
Xylenes, Total	0.00888		0.00300	1	01/14/2026 23:19	WG2674981
(S) Toluene-d8	*95.1*		*80.0-120*		*01/14/2026 23:19*	WG2674981
(S) Toluene-d8	*97.4*		*80.0-120*		*01/16/2026 00:18*	WG2675692
(S) 4-Bromofluorobenzene	*100*		*77.0-126*		*01/14/2026 23:19*	WG2674981
(S) 4-Bromofluorobenzene	*98.7*		*77.0-126*		*01/16/2026 00:18*	WG2675692
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*01/14/2026 23:19*	WG2674981
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*01/16/2026 00:18*	WG2675692

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	0.0242		0.00100	1	01/13/2026 21:59	WG2673616
Acenaphthylene	ND		0.00100	1	01/13/2026 21:59	WG2673616
Anthracene	0.00252		0.00100	1	01/13/2026 21:59	WG2673616
Benzidine	ND	C3 J4	0.0200	1	01/13/2026 21:59	WG2673616
Benzo(a)anthracene	ND		0.00100	1	01/13/2026 21:59	WG2673616
Benzo(b)fluoranthene	ND		0.00100	1	01/13/2026 21:59	WG2673616
Benzo(k)fluoranthene	ND		0.00100	1	01/13/2026 21:59	WG2673616
Benzo(g,h,i)perylene	ND		0.00100	1	01/13/2026 21:59	WG2673616
Benzo(a)pyrene	ND		0.00100	1	01/13/2026 21:59	WG2673616
Bis(2-chlorethoxy)methane	ND		0.0100	1	01/13/2026 21:59	WG2673616
Bis(2-chloroethyl)ether	ND		0.0100	1	01/13/2026 21:59	WG2673616
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	01/13/2026 21:59	WG2673616
4-Bromophenyl-phenylether	ND		0.0100	1	01/13/2026 21:59	WG2673616
2-Chloronaphthalene	ND		0.00100	1	01/13/2026 21:59	WG2673616
4-Chlorophenyl-phenylether	ND		0.0100	1	01/13/2026 21:59	WG2673616
Chrysene	ND		0.00100	1	01/13/2026 21:59	WG2673616
Dibenz(a,h)anthracene	ND		0.00100	1	01/13/2026 21:59	WG2673616
1,2-Dichlorobenzene	ND		0.0100	1	01/13/2026 21:59	WG2673616
1,3-Dichlorobenzene	ND		0.0100	1	01/13/2026 21:59	WG2673616
1,4-Dichlorobenzene	ND		0.0100	1	01/13/2026 21:59	WG2673616
3,3-Dichlorobenzidine	ND		0.0100	1	01/13/2026 21:59	WG2673616
2,4-Dinitrotoluene	ND		0.0100	1	01/13/2026 21:59	WG2673616
2,6-Dinitrotoluene	ND		0.0100	1	01/13/2026 21:59	WG2673616
Fluoranthene	ND		0.00100	1	01/13/2026 21:59	WG2673616
Fluorene	0.0120		0.00100	1	01/13/2026 21:59	WG2673616
Hexachlorobenzene	ND		0.00100	1	01/13/2026 21:59	WG2673616
Hexachloro-1,3-butadiene	ND		0.0100	1	01/13/2026 21:59	WG2673616
Hexachlorocyclopentadiene	ND		0.0100	1	01/13/2026 21:59	WG2673616

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hexachloroethane	0.0416		0.0100	1	01/13/2026 21:59	WG2673616
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	01/13/2026 21:59	WG2673616
Isophorone	ND		0.0100	1	01/13/2026 21:59	WG2673616
Naphthalene	0.275		0.0100	10	01/14/2026 13:51	WG2673616
Nitrobenzene	ND		0.0100	1	01/13/2026 21:59	WG2673616
n-Nitrosodimethylamine	ND		0.0100	1	01/13/2026 21:59	WG2673616
n-Nitrosodiphenylamine	ND		0.0100	1	01/13/2026 21:59	WG2673616
n-Nitrosodi-n-propylamine	ND		0.0100	1	01/13/2026 21:59	WG2673616
Phenanthrene	0.0127		0.00100	1	01/13/2026 21:59	WG2673616
Benzylbutyl phthalate	ND		0.00300	1	01/13/2026 21:59	WG2673616
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	01/13/2026 21:59	WG2673616
Di-n-butyl phthalate	ND		0.00300	1	01/13/2026 21:59	WG2673616
Diethyl phthalate	ND		0.00300	1	01/13/2026 21:59	WG2673616
Dimethyl phthalate	ND		0.00300	1	01/13/2026 21:59	WG2673616
Di-n-octyl phthalate	ND		0.00300	1	01/13/2026 21:59	WG2673616
Pyrene	ND		0.00100	1	01/13/2026 21:59	WG2673616
1,2,4-Trichlorobenzene	ND		0.0100	1	01/13/2026 21:59	WG2673616
4-Chloro-3-methylphenol	ND		0.0100	1	01/13/2026 21:59	WG2673616
2-Chlorophenol	ND		0.0100	1	01/13/2026 21:59	WG2673616
2,4-Dichlorophenol	ND		0.0100	1	01/13/2026 21:59	WG2673616
2,4-Dimethylphenol	ND		0.0100	1	01/13/2026 21:59	WG2673616
4,6-Dinitro-2-methylphenol	ND		0.0100	1	01/13/2026 21:59	WG2673616
2,4-Dinitrophenol	ND		0.0100	1	01/13/2026 21:59	WG2673616
2-Nitrophenol	ND		0.0100	1	01/13/2026 21:59	WG2673616
4-Nitrophenol	ND		0.0100	1	01/13/2026 21:59	WG2673616
Pentachlorophenol	ND	C3	0.0100	1	01/13/2026 21:59	WG2673616
Phenol	ND		0.0100	1	01/13/2026 21:59	WG2673616
2,4,6-Trichlorophenol	ND		0.0100	1	01/13/2026 21:59	WG2673616
(S) 2-Fluorophenol	*50.0*		*10.0-120*		*01/14/2026 13:51*	WG2673616
(S) 2-Fluorophenol	*53.0*		*10.0-120*		*01/13/2026 21:59*	WG2673616
(S) Phenol-d5	*37.0*		*10.0-120*		*01/13/2026 21:59*	WG2673616
(S) Phenol-d5	*36.2*		*10.0-120*		*01/14/2026 13:51*	WG2673616
(S) Nitrobenzene-d5	*67.2*		*10.0-127*		*01/14/2026 13:51*	WG2673616
(S) Nitrobenzene-d5	*75.7*		*10.0-127*		*01/13/2026 21:59*	WG2673616
(S) 2-Fluorobiphenyl	*67.8*		*10.0-130*		*01/14/2026 13:51*	WG2673616
(S) 2-Fluorobiphenyl	*70.6*		*10.0-130*		*01/13/2026 21:59*	WG2673616
(S) 2,4,6-Tribromophenol	*95.0*		*10.0-155*		*01/13/2026 21:59*	WG2673616
(S) 2,4,6-Tribromophenol	*52.5*		*10.0-155*		*01/14/2026 13:51*	WG2673616
(S) p-Terphenyl-d14	*80.6*		*10.0-128*		*01/14/2026 13:51*	WG2673616
(S) p-Terphenyl-d14	*104*		*10.0-128*		*01/13/2026 21:59*	WG2673616

Preparation by Method 1312

Analyte	Result	Qualifier	Prep date / time	Batch
SPLP Extraction	-		1/10/2026 5:51:29 PM	WG2672637
SPLP ZHE Extraction	-		1/13/2026 11:03:38 AM	WG2672550
Final pH	12.36		1/10/2026 5:51:29 PM	WG2672637

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	01/14/2026 23:40	WG2674981
Acrolein	ND		0.0500	1	01/14/2026 23:40	WG2674981
Acrylonitrile	ND		0.0100	1	01/14/2026 23:40	WG2674981
Benzene	ND		0.00100	1	01/14/2026 23:40	WG2674981
Bromobenzene	ND		0.00100	1	01/14/2026 23:40	WG2674981
Bromodichloromethane	ND		0.00100	1	01/14/2026 23:40	WG2674981
Bromoform	ND		0.00100	1	01/14/2026 23:40	WG2674981
Bromomethane	ND	C3	0.00500	1	01/14/2026 23:40	WG2674981
n-Butylbenzene	ND		0.00100	1	01/14/2026 23:40	WG2674981
sec-Butylbenzene	ND		0.00100	1	01/14/2026 23:40	WG2674981
tert-Butylbenzene	ND		0.00100	1	01/14/2026 23:40	WG2674981
Carbon tetrachloride	ND		0.00100	1	01/14/2026 23:40	WG2674981
Chlorobenzene	ND		0.00100	1	01/14/2026 23:40	WG2674981
Chlorodibromomethane	ND		0.00100	1	01/14/2026 23:40	WG2674981
Chloroethane	ND		0.00500	1	01/14/2026 23:40	WG2674981
Chloroform	ND		0.00500	1	01/14/2026 23:40	WG2674981
Chloromethane	ND	C3	0.00500	1	01/14/2026 23:40	WG2674981
2-Chlorotoluene	ND		0.00100	1	01/14/2026 23:40	WG2674981
4-Chlorotoluene	ND		0.00100	1	01/14/2026 23:40	WG2674981
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	01/14/2026 23:40	WG2674981
1,2-Dibromoethane	ND		0.00100	1	01/14/2026 23:40	WG2674981
Dibromomethane	ND		0.00100	1	01/14/2026 23:40	WG2674981
1,2-Dichlorobenzene	ND		0.00100	1	01/14/2026 23:40	WG2674981
1,3-Dichlorobenzene	ND		0.00100	1	01/14/2026 23:40	WG2674981
1,4-Dichlorobenzene	ND		0.00100	1	01/14/2026 23:40	WG2674981
Dichlorodifluoromethane	ND		0.00500	1	01/14/2026 23:40	WG2674981
1,1-Dichloroethane	ND		0.00100	1	01/14/2026 23:40	WG2674981
1,2-Dichloroethane	ND		0.00100	1	01/14/2026 23:40	WG2674981
1,1-Dichloroethene	ND		0.00100	1	01/14/2026 23:40	WG2674981
cis-1,2-Dichloroethene	ND		0.00100	1	01/14/2026 23:40	WG2674981
trans-1,2-Dichloroethene	ND		0.00100	1	01/14/2026 23:40	WG2674981
1,2-Dichloropropane	ND		0.00100	1	01/14/2026 23:40	WG2674981
1,1-Dichloropropene	ND		0.00100	1	01/14/2026 23:40	WG2674981
1,3-Dichloropropane	ND		0.00100	1	01/14/2026 23:40	WG2674981
cis-1,3-Dichloropropene	ND		0.00100	1	01/14/2026 23:40	WG2674981
trans-1,3-Dichloropropene	ND		0.00100	1	01/14/2026 23:40	WG2674981
2,2-Dichloropropane	ND		0.00100	1	01/14/2026 23:40	WG2674981
Di-isopropyl ether	ND		0.00100	1	01/14/2026 23:40	WG2674981
Ethylbenzene	0.0136		0.00100	1	01/14/2026 23:40	WG2674981
Hexachloro-1,3-butadiene	ND		0.00200	1	01/14/2026 23:40	WG2674981
Isopropylbenzene	0.0101		0.00100	1	01/14/2026 23:40	WG2674981
p-Isopropyltoluene	0.00555		0.00100	1	01/14/2026 23:40	WG2674981
2-Butanone (MEK)	ND		0.0200	1	01/14/2026 23:40	WG2674981
Methylene Chloride	ND		0.00500	1	01/14/2026 23:40	WG2674981
4-Methyl-2-pentanone (MIBK)	ND		0.0200	1	01/14/2026 23:40	WG2674981
Methyl tert-butyl ether	ND		0.00100	1	01/14/2026 23:40	WG2674981
Naphthalene	1.32		0.500	100	01/16/2026 00:38	WG2675692
n-Propylbenzene	0.0132		0.00100	1	01/14/2026 23:40	WG2674981

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Styrene	0.00522		0.00100	1	01/14/2026 23:40	WG2674981
1,1,1,2-Tetrachloroethane	ND		0.00100	1	01/14/2026 23:40	WG2674981
1,1,2,2-Tetrachloroethane	ND		0.00100	1	01/14/2026 23:40	WG2674981
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	01/14/2026 23:40	WG2674981
Tetrachloroethene	ND		0.00100	1	01/14/2026 23:40	WG2674981
Toluene	ND		0.00100	1	01/14/2026 23:40	WG2674981
1,2,3-Trichlorobenzene	ND		0.00100	1	01/14/2026 23:40	WG2674981
1,2,4-Trichlorobenzene	ND		0.00200	1	01/14/2026 23:40	WG2674981
1,1,1-Trichloroethane	ND		0.00100	1	01/14/2026 23:40	WG2674981
1,1,2-Trichloroethane	ND		0.00100	1	01/14/2026 23:40	WG2674981
Trichloroethene	ND		0.00100	1	01/14/2026 23:40	WG2674981
Trichlorofluoromethane	ND		0.00500	1	01/14/2026 23:40	WG2674981
1,2,3-Trichloropropane	ND		0.00250	1	01/14/2026 23:40	WG2674981
1,2,4-Trimethylbenzene	0.0347		0.00200	1	01/14/2026 23:40	WG2674981
1,2,3-Trimethylbenzene	0.0247		0.00100	1	01/14/2026 23:40	WG2674981
1,3,5-Trimethylbenzene	0.00732		0.00100	1	01/14/2026 23:40	WG2674981
Vinyl chloride	ND		0.00100	1	01/14/2026 23:40	WG2674981
Xylenes, Total	0.00914		0.00300	1	01/14/2026 23:40	WG2674981
(S) Toluene-d8	*96.2*		*80.0-120*		*01/14/2026 23:40*	WG2674981
(S) Toluene-d8	*97.8*		*80.0-120*		*01/16/2026 00:38*	WG2675692
(S) 4-Bromofluorobenzene	*102*		*77.0-126*		*01/14/2026 23:40*	WG2674981
(S) 4-Bromofluorobenzene	*100*		*77.0-126*		*01/16/2026 00:38*	WG2675692
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*01/14/2026 23:40*	WG2674981
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*01/16/2026 00:38*	WG2675692

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	0.0256		0.00100	1	01/13/2026 22:21	WG2673616
Acenaphthylene	ND		0.00100	1	01/13/2026 22:21	WG2673616
Anthracene	0.00280		0.00100	1	01/13/2026 22:21	WG2673616
Benzidine	ND	C3 J4	0.0200	1	01/13/2026 22:21	WG2673616
Benzo(a)anthracene	ND		0.00100	1	01/13/2026 22:21	WG2673616
Benzo(b)fluoranthene	ND		0.00100	1	01/13/2026 22:21	WG2673616
Benzo(k)fluoranthene	ND		0.00100	1	01/13/2026 22:21	WG2673616
Benzo(g,h,i)perylene	ND		0.00100	1	01/13/2026 22:21	WG2673616
Benzo(a)pyrene	ND		0.00100	1	01/13/2026 22:21	WG2673616
Bis(2-chlorethoxy)methane	ND		0.0100	1	01/13/2026 22:21	WG2673616
Bis(2-chloroethyl)ether	ND		0.0100	1	01/13/2026 22:21	WG2673616
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	01/13/2026 22:21	WG2673616
4-Bromophenyl-phenylether	ND		0.0100	1	01/13/2026 22:21	WG2673616
2-Chloronaphthalene	ND		0.00100	1	01/13/2026 22:21	WG2673616
4-Chlorophenyl-phenylether	ND		0.0100	1	01/13/2026 22:21	WG2673616
Chrysene	ND		0.00100	1	01/13/2026 22:21	WG2673616
Dibenz(a,h)anthracene	ND		0.00100	1	01/13/2026 22:21	WG2673616
1,2-Dichlorobenzene	ND		0.0100	1	01/13/2026 22:21	WG2673616
1,3-Dichlorobenzene	ND		0.0100	1	01/13/2026 22:21	WG2673616
1,4-Dichlorobenzene	ND		0.0100	1	01/13/2026 22:21	WG2673616
3,3-Dichlorobenzidine	ND		0.0100	1	01/13/2026 22:21	WG2673616
2,4-Dinitrotoluene	ND		0.0100	1	01/13/2026 22:21	WG2673616
2,6-Dinitrotoluene	ND		0.0100	1	01/13/2026 22:21	WG2673616
Fluoranthene	ND		0.00100	1	01/13/2026 22:21	WG2673616
Fluorene	0.0126		0.00100	1	01/13/2026 22:21	WG2673616
Hexachlorobenzene	ND		0.00100	1	01/13/2026 22:21	WG2673616
Hexachloro-1,3-butadiene	ND		0.0100	1	01/13/2026 22:21	WG2673616
Hexachlorocyclopentadiene	ND		0.0100	1	01/13/2026 22:21	WG2673616

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hexachloroethane	ND		0.0100	1	01/13/2026 22:21	WG2673616
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	01/13/2026 22:21	WG2673616
Isophorone	ND		0.0100	1	01/13/2026 22:21	WG2673616
Naphthalene	0.264		0.0100	10	01/14/2026 14:13	WG2673616
Nitrobenzene	ND		0.0100	1	01/13/2026 22:21	WG2673616
n-Nitrosodimethylamine	ND		0.0100	1	01/13/2026 22:21	WG2673616
n-Nitrosodiphenylamine	ND		0.0100	1	01/13/2026 22:21	WG2673616
n-Nitrosodi-n-propylamine	ND		0.0100	1	01/13/2026 22:21	WG2673616
Phenanthrene	0.0130		0.00100	1	01/13/2026 22:21	WG2673616
Benzylbutyl phthalate	ND		0.00300	1	01/13/2026 22:21	WG2673616
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	01/13/2026 22:21	WG2673616
Di-n-butyl phthalate	ND		0.00300	1	01/13/2026 22:21	WG2673616
Diethyl phthalate	ND		0.00300	1	01/13/2026 22:21	WG2673616
Dimethyl phthalate	ND		0.00300	1	01/13/2026 22:21	WG2673616
Di-n-octyl phthalate	ND		0.00300	1	01/13/2026 22:21	WG2673616
Pyrene	ND		0.00100	1	01/13/2026 22:21	WG2673616
1,2,4-Trichlorobenzene	ND		0.0100	1	01/13/2026 22:21	WG2673616
4-Chloro-3-methylphenol	ND		0.0100	1	01/13/2026 22:21	WG2673616
2-Chlorophenol	ND		0.0100	1	01/13/2026 22:21	WG2673616
2,4-Dichlorophenol	ND		0.0100	1	01/13/2026 22:21	WG2673616
2,4-Dimethylphenol	ND		0.0100	1	01/13/2026 22:21	WG2673616
4,6-Dinitro-2-methylphenol	ND		0.0100	1	01/13/2026 22:21	WG2673616
2,4-Dinitrophenol	ND		0.0100	1	01/13/2026 22:21	WG2673616
2-Nitrophenol	ND		0.0100	1	01/13/2026 22:21	WG2673616
4-Nitrophenol	ND		0.0100	1	01/13/2026 22:21	WG2673616
Pentachlorophenol	ND	C3	0.0100	1	01/13/2026 22:21	WG2673616
Phenol	ND		0.0100	1	01/13/2026 22:21	WG2673616
2,4,6-Trichlorophenol	ND		0.0100	1	01/13/2026 22:21	WG2673616
(S) 2-Fluorophenol	*45.4*		*10.0-120*		*01/14/2026 14:13*	WG2673616
(S) 2-Fluorophenol	*55.5*		*10.0-120*		*01/13/2026 22:21*	WG2673616
(S) Phenol-d5	*39.5*		*10.0-120*		*01/13/2026 22:21*	WG2673616
(S) Phenol-d5	*32.0*		*10.0-120*		*01/14/2026 14:13*	WG2673616
(S) Nitrobenzene-d5	*62.9*		*10.0-127*		*01/14/2026 14:13*	WG2673616
(S) Nitrobenzene-d5	*82.9*		*10.0-127*		*01/13/2026 22:21*	WG2673616
(S) 2-Fluorobiphenyl	*74.0*		*10.0-130*		*01/13/2026 22:21*	WG2673616
(S) 2-Fluorobiphenyl	*61.6*		*10.0-130*		*01/14/2026 14:13*	WG2673616
(S) 2,4,6-Tribromophenol	*54.5*		*10.0-155*		*01/14/2026 14:13*	WG2673616
(S) 2,4,6-Tribromophenol	*96.0*		*10.0-155*		*01/13/2026 22:21*	WG2673616
(S) p-Terphenyl-d14	*82.3*		*10.0-128*		*01/14/2026 14:13*	WG2673616
(S) p-Terphenyl-d14	*96.9*		*10.0-128*		*01/13/2026 22:21*	WG2673616

Preparation by Method 1312

Analyte	Result	Qualifier	Prep date / time	Batch
SPLP Extraction	-		1/10/2026 5:51:29 PM	WG2672637
SPLP ZHE Extraction	-		1/13/2026 11:03:38 AM	WG2672550
Final pH	11.99		1/10/2026 5:51:29 PM	WG2672637

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	01/15/2026 00:01	WG2674981
Acrolein	ND		0.0500	1	01/15/2026 00:01	WG2674981
Acrylonitrile	ND		0.0100	1	01/15/2026 00:01	WG2674981
Benzene	ND		0.00100	1	01/15/2026 00:01	WG2674981
Bromobenzene	ND		0.00100	1	01/15/2026 00:01	WG2674981
Bromodichloromethane	ND		0.00100	1	01/15/2026 00:01	WG2674981
Bromoform	ND		0.00100	1	01/15/2026 00:01	WG2674981
Bromomethane	ND	C3	0.00500	1	01/15/2026 00:01	WG2674981
n-Butylbenzene	ND		0.00100	1	01/15/2026 00:01	WG2674981
sec-Butylbenzene	ND		0.00100	1	01/15/2026 00:01	WG2674981
tert-Butylbenzene	ND		0.00100	1	01/15/2026 00:01	WG2674981
Carbon tetrachloride	ND		0.00100	1	01/15/2026 00:01	WG2674981
Chlorobenzene	ND		0.00100	1	01/15/2026 00:01	WG2674981
Chlorodibromomethane	ND		0.00100	1	01/15/2026 00:01	WG2674981
Chloroethane	ND		0.00500	1	01/15/2026 00:01	WG2674981
Chloroform	ND		0.00500	1	01/15/2026 00:01	WG2674981
Chloromethane	ND	C3	0.00500	1	01/15/2026 00:01	WG2674981
2-Chlorotoluene	ND		0.00100	1	01/15/2026 00:01	WG2674981
4-Chlorotoluene	ND		0.00100	1	01/15/2026 00:01	WG2674981
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	01/15/2026 00:01	WG2674981
1,2-Dibromoethane	ND		0.00100	1	01/15/2026 00:01	WG2674981
Dibromomethane	ND		0.00100	1	01/15/2026 00:01	WG2674981
1,2-Dichlorobenzene	ND		0.00100	1	01/15/2026 00:01	WG2674981
1,3-Dichlorobenzene	ND		0.00100	1	01/15/2026 00:01	WG2674981
1,4-Dichlorobenzene	ND		0.00100	1	01/15/2026 00:01	WG2674981
Dichlorodifluoromethane	ND		0.00500	1	01/15/2026 00:01	WG2674981
1,1-Dichloroethane	ND		0.00100	1	01/15/2026 00:01	WG2674981
1,2-Dichloroethane	ND		0.00100	1	01/15/2026 00:01	WG2674981
1,1-Dichloroethene	ND		0.00100	1	01/15/2026 00:01	WG2674981
cis-1,2-Dichloroethene	ND		0.00100	1	01/15/2026 00:01	WG2674981
trans-1,2-Dichloroethene	ND		0.00100	1	01/15/2026 00:01	WG2674981
1,2-Dichloropropane	ND		0.00100	1	01/15/2026 00:01	WG2674981
1,1-Dichloropropene	ND		0.00100	1	01/15/2026 00:01	WG2674981
1,3-Dichloropropane	ND		0.00100	1	01/15/2026 00:01	WG2674981
cis-1,3-Dichloropropene	ND		0.00100	1	01/15/2026 00:01	WG2674981
trans-1,3-Dichloropropene	ND		0.00100	1	01/15/2026 00:01	WG2674981
2,2-Dichloropropane	ND		0.00100	1	01/15/2026 00:01	WG2674981
Di-isopropyl ether	ND		0.00100	1	01/15/2026 00:01	WG2674981
Ethylbenzene	0.0119		0.00100	1	01/15/2026 00:01	WG2674981
Hexachloro-1,3-butadiene	ND		0.00200	1	01/15/2026 00:01	WG2674981
Isopropylbenzene	0.00817		0.00100	1	01/15/2026 00:01	WG2674981
p-Isopropyltoluene	0.00578		0.00100	1	01/15/2026 00:01	WG2674981
2-Butanone (MEK)	ND		0.0200	1	01/15/2026 00:01	WG2674981
Methylene Chloride	ND		0.00500	1	01/15/2026 00:01	WG2674981
4-Methyl-2-pentanone (MIBK)	ND		0.0200	1	01/15/2026 00:01	WG2674981
Methyl tert-butyl ether	ND		0.00100	1	01/15/2026 00:01	WG2674981
Naphthalene	1.31		0.500	100	01/16/2026 00:59	WG2675692
n-Propylbenzene	0.0121		0.00100	1	01/15/2026 00:01	WG2674981

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Styrene	ND		0.00100	1	01/15/2026 00:01	WG2674981
1,1,1,2-Tetrachloroethane	ND		0.00100	1	01/15/2026 00:01	WG2674981
1,1,2,2-Tetrachloroethane	ND		0.00100	1	01/15/2026 00:01	WG2674981
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	01/15/2026 00:01	WG2674981
Tetrachloroethene	ND		0.00100	1	01/15/2026 00:01	WG2674981
Toluene	0.00413		0.00100	1	01/15/2026 00:01	WG2674981
1,2,3-Trichlorobenzene	ND		0.00100	1	01/15/2026 00:01	WG2674981
1,2,4-Trichlorobenzene	ND		0.00200	1	01/15/2026 00:01	WG2674981
1,1,1-Trichloroethane	ND		0.00100	1	01/15/2026 00:01	WG2674981
1,1,2-Trichloroethane	ND		0.00100	1	01/15/2026 00:01	WG2674981
Trichloroethene	ND		0.00100	1	01/15/2026 00:01	WG2674981
Trichlorofluoromethane	ND		0.00500	1	01/15/2026 00:01	WG2674981
1,2,3-Trichloropropane	ND		0.00250	1	01/15/2026 00:01	WG2674981
1,2,4-Trimethylbenzene	0.0424		0.00200	1	01/15/2026 00:01	WG2674981
1,2,3-Trimethylbenzene	0.0247		0.00100	1	01/15/2026 00:01	WG2674981
1,3,5-Trimethylbenzene	0.0100		0.00100	1	01/15/2026 00:01	WG2674981
Vinyl chloride	ND		0.00100	1	01/15/2026 00:01	WG2674981
Xylenes, Total	0.0289		0.00300	1	01/15/2026 00:01	WG2674981
(S) Toluene-d8	*95.3*		*80.0-120*		*01/15/2026 00:01*	WG2674981
(S) Toluene-d8	*97.6*		*80.0-120*		*01/16/2026 00:59*	WG2675692
(S) 4-Bromofluorobenzene	*100*		*77.0-126*		*01/15/2026 00:01*	WG2674981
(S) 4-Bromofluorobenzene	*99.3*		*77.0-126*		*01/16/2026 00:59*	WG2675692
(S) 1,2-Dichloroethane-d4	*102*		*70.0-130*		*01/15/2026 00:01*	WG2674981
(S) 1,2-Dichloroethane-d4	*109*		*70.0-130*		*01/16/2026 00:59*	WG2675692

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	0.0275		0.00100	1	01/13/2026 22:43	WG2673616
Acenaphthylene	ND		0.00100	1	01/13/2026 22:43	WG2673616
Anthracene	0.00232		0.00100	1	01/13/2026 22:43	WG2673616
Benzidine	ND	C3 J4	0.0200	1	01/13/2026 22:43	WG2673616
Benzo(a)anthracene	ND		0.00100	1	01/13/2026 22:43	WG2673616
Benzo(b)fluoranthene	ND		0.00100	1	01/13/2026 22:43	WG2673616
Benzo(k)fluoranthene	ND		0.00100	1	01/13/2026 22:43	WG2673616
Benzo(g,h,i)perylene	ND		0.00100	1	01/13/2026 22:43	WG2673616
Benzo(a)pyrene	ND		0.00100	1	01/13/2026 22:43	WG2673616
Bis(2-chlorethoxy)methane	ND		0.0100	1	01/13/2026 22:43	WG2673616
Bis(2-chloroethyl)ether	ND		0.0100	1	01/13/2026 22:43	WG2673616
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	01/13/2026 22:43	WG2673616
4-Bromophenyl-phenylether	ND		0.0100	1	01/13/2026 22:43	WG2673616
2-Chloronaphthalene	ND		0.00100	1	01/13/2026 22:43	WG2673616
4-Chlorophenyl-phenylether	ND		0.0100	1	01/13/2026 22:43	WG2673616
Chrysene	ND		0.00100	1	01/13/2026 22:43	WG2673616
Dibenz(a,h)anthracene	ND		0.00100	1	01/13/2026 22:43	WG2673616
1,2-Dichlorobenzene	ND		0.0100	1	01/13/2026 22:43	WG2673616
1,3-Dichlorobenzene	ND		0.0100	1	01/13/2026 22:43	WG2673616
1,4-Dichlorobenzene	ND		0.0100	1	01/13/2026 22:43	WG2673616
3,3-Dichlorobenzidine	ND		0.0100	1	01/13/2026 22:43	WG2673616
2,4-Dinitrotoluene	ND		0.0100	1	01/13/2026 22:43	WG2673616
2,6-Dinitrotoluene	ND		0.0100	1	01/13/2026 22:43	WG2673616
Fluoranthene	ND		0.00100	1	01/13/2026 22:43	WG2673616
Fluorene	0.0137		0.00100	1	01/13/2026 22:43	WG2673616
Hexachlorobenzene	ND		0.00100	1	01/13/2026 22:43	WG2673616
Hexachloro-1,3-butadiene	ND		0.0100	1	01/13/2026 22:43	WG2673616
Hexachlorocyclopentadiene	ND		0.0100	1	01/13/2026 22:43	WG2673616

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hexachloroethane	ND		0.0100	1	01/13/2026 22:43	WG2673616
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	01/13/2026 22:43	WG2673616
Isophorone	ND		0.0100	1	01/13/2026 22:43	WG2673616
Naphthalene	0.280		0.0100	10	01/14/2026 14:35	WG2673616
Nitrobenzene	ND		0.0100	1	01/13/2026 22:43	WG2673616
n-Nitrosodimethylamine	ND		0.0100	1	01/13/2026 22:43	WG2673616
n-Nitrosodiphenylamine	ND		0.0100	1	01/13/2026 22:43	WG2673616
n-Nitrosodi-n-propylamine	ND		0.0100	1	01/13/2026 22:43	WG2673616
Phenanthrene	0.0130		0.00100	1	01/13/2026 22:43	WG2673616
Benzylbutyl phthalate	ND		0.00300	1	01/13/2026 22:43	WG2673616
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	01/13/2026 22:43	WG2673616
Di-n-butyl phthalate	ND		0.00300	1	01/13/2026 22:43	WG2673616
Diethyl phthalate	ND		0.00300	1	01/13/2026 22:43	WG2673616
Dimethyl phthalate	ND		0.00300	1	01/13/2026 22:43	WG2673616
Di-n-octyl phthalate	ND		0.00300	1	01/13/2026 22:43	WG2673616
Pyrene	ND		0.00100	1	01/13/2026 22:43	WG2673616
1,2,4-Trichlorobenzene	ND		0.0100	1	01/13/2026 22:43	WG2673616
4-Chloro-3-methylphenol	ND		0.0100	1	01/13/2026 22:43	WG2673616
2-Chlorophenol	ND		0.0100	1	01/13/2026 22:43	WG2673616
2,4-Dichlorophenol	ND		0.0100	1	01/13/2026 22:43	WG2673616
2,4-Dimethylphenol	ND		0.0100	1	01/13/2026 22:43	WG2673616
4,6-Dinitro-2-methylphenol	ND		0.0100	1	01/13/2026 22:43	WG2673616
2,4-Dinitrophenol	ND		0.0100	1	01/13/2026 22:43	WG2673616
2-Nitrophenol	ND		0.0100	1	01/13/2026 22:43	WG2673616
4-Nitrophenol	ND		0.0100	1	01/13/2026 22:43	WG2673616
Pentachlorophenol	ND	C3	0.0100	1	01/13/2026 22:43	WG2673616
Phenol	ND		0.0100	1	01/13/2026 22:43	WG2673616
2,4,6-Trichlorophenol	ND		0.0100	1	01/13/2026 22:43	WG2673616
(S) 2-Fluorophenol	*46.1*		*10.0-120*		*01/14/2026 14:35*	WG2673616
(S) 2-Fluorophenol	*52.5*		*10.0-120*		*01/13/2026 22:43*	WG2673616
(S) Phenol-d5	*30.9*		*10.0-120*		*01/14/2026 14:35*	WG2673616
(S) Phenol-d5	*35.9*		*10.0-120*		*01/13/2026 22:43*	WG2673616
(S) Nitrobenzene-d5	*80.9*		*10.0-127*		*01/13/2026 22:43*	WG2673616
(S) Nitrobenzene-d5	*68.1*		*10.0-127*		*01/14/2026 14:35*	WG2673616
(S) 2-Fluorobiphenyl	*71.6*		*10.0-130*		*01/14/2026 14:35*	WG2673616
(S) 2-Fluorobiphenyl	*77.7*		*10.0-130*		*01/13/2026 22:43*	WG2673616
(S) 2,4,6-Tribromophenol	*50.5*		*10.0-155*		*01/14/2026 14:35*	WG2673616
(S) 2,4,6-Tribromophenol	*93.0*		*10.0-155*		*01/13/2026 22:43*	WG2673616
(S) p-Terphenyl-d14	*89.2*		*10.0-128*		*01/13/2026 22:43*	WG2673616
(S) p-Terphenyl-d14	*73.5*		*10.0-128*		*01/14/2026 14:35*	WG2673616

Preparation by Method 1312

Analyte	Result	Qualifier	Prep date / time	Batch
SPLP Extraction	-		1/10/2026 5:51:29 PM	WG2672637
SPLP ZHE Extraction	-		1/13/2026 11:03:38 AM	WG2672550
Final pH	12.15		1/10/2026 5:51:29 PM	WG2672637

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	01/15/2026 00:22	WG2674981
Acrolein	ND		0.0500	1	01/15/2026 00:22	WG2674981
Acrylonitrile	ND		0.0100	1	01/15/2026 00:22	WG2674981
Benzene	ND		0.00100	1	01/15/2026 00:22	WG2674981
Bromobenzene	ND		0.00100	1	01/15/2026 00:22	WG2674981
Bromodichloromethane	ND		0.00100	1	01/15/2026 00:22	WG2674981
Bromoform	ND		0.00100	1	01/15/2026 00:22	WG2674981
Bromomethane	ND	C3	0.00500	1	01/15/2026 00:22	WG2674981
n-Butylbenzene	ND		0.00100	1	01/15/2026 00:22	WG2674981
sec-Butylbenzene	ND		0.00100	1	01/15/2026 00:22	WG2674981
tert-Butylbenzene	ND		0.00100	1	01/15/2026 00:22	WG2674981
Carbon tetrachloride	ND		0.00100	1	01/15/2026 00:22	WG2674981
Chlorobenzene	ND		0.00100	1	01/15/2026 00:22	WG2674981
Chlorodibromomethane	ND		0.00100	1	01/15/2026 00:22	WG2674981
Chloroethane	ND		0.00500	1	01/15/2026 00:22	WG2674981
Chloroform	ND		0.00500	1	01/15/2026 00:22	WG2674981
Chloromethane	ND	C3	0.00500	1	01/15/2026 00:22	WG2674981
2-Chlorotoluene	ND		0.00100	1	01/15/2026 00:22	WG2674981
4-Chlorotoluene	ND		0.00100	1	01/15/2026 00:22	WG2674981
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	01/15/2026 00:22	WG2674981
1,2-Dibromoethane	ND		0.00100	1	01/15/2026 00:22	WG2674981
Dibromomethane	ND		0.00100	1	01/15/2026 00:22	WG2674981
1,2-Dichlorobenzene	ND		0.00100	1	01/15/2026 00:22	WG2674981
1,3-Dichlorobenzene	ND		0.00100	1	01/15/2026 00:22	WG2674981
1,4-Dichlorobenzene	ND		0.00100	1	01/15/2026 00:22	WG2674981
Dichlorodifluoromethane	ND		0.00500	1	01/15/2026 00:22	WG2674981
1,1-Dichloroethane	ND		0.00100	1	01/15/2026 00:22	WG2674981
1,2-Dichloroethane	ND		0.00100	1	01/15/2026 00:22	WG2674981
1,1-Dichloroethene	ND		0.00100	1	01/15/2026 00:22	WG2674981
cis-1,2-Dichloroethene	ND		0.00100	1	01/15/2026 00:22	WG2674981
trans-1,2-Dichloroethene	ND		0.00100	1	01/15/2026 00:22	WG2674981
1,2-Dichloropropane	ND		0.00100	1	01/15/2026 00:22	WG2674981
1,1-Dichloropropene	ND		0.00100	1	01/15/2026 00:22	WG2674981
1,3-Dichloropropane	ND		0.00100	1	01/15/2026 00:22	WG2674981
cis-1,3-Dichloropropene	ND		0.00100	1	01/15/2026 00:22	WG2674981
trans-1,3-Dichloropropene	ND		0.00100	1	01/15/2026 00:22	WG2674981
2,2-Dichloropropane	ND		0.00100	1	01/15/2026 00:22	WG2674981
Di-isopropyl ether	ND		0.00100	1	01/15/2026 00:22	WG2674981
Ethylbenzene	0.0125		0.00100	1	01/15/2026 00:22	WG2674981
Hexachloro-1,3-butadiene	ND		0.00200	1	01/15/2026 00:22	WG2674981
Isopropylbenzene	0.00952		0.00100	1	01/15/2026 00:22	WG2674981
p-Isopropyltoluene	0.00672		0.00100	1	01/15/2026 00:22	WG2674981
2-Butanone (MEK)	ND		0.0200	1	01/15/2026 00:22	WG2674981
Methylene Chloride	ND		0.00500	1	01/15/2026 00:22	WG2674981
4-Methyl-2-pentanone (MIBK)	ND		0.0200	1	01/15/2026 00:22	WG2674981
Methyl tert-butyl ether	ND		0.00100	1	01/15/2026 00:22	WG2674981
Naphthalene	1.66		0.500	100	01/16/2026 01:19	WG2675692
n-Propylbenzene	0.0135		0.00100	1	01/15/2026 00:22	WG2674981

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Styrene	ND		0.00100	1	01/15/2026 00:22	WG2674981
1,1,1,2-Tetrachloroethane	ND		0.00100	1	01/15/2026 00:22	WG2674981
1,1,2,2-Tetrachloroethane	ND		0.00100	1	01/15/2026 00:22	WG2674981
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	01/15/2026 00:22	WG2674981
Tetrachloroethene	ND		0.00100	1	01/15/2026 00:22	WG2674981
Toluene	ND		0.00100	1	01/15/2026 00:22	WG2674981
1,2,3-Trichlorobenzene	ND		0.00100	1	01/15/2026 00:22	WG2674981
1,2,4-Trichlorobenzene	ND		0.00200	1	01/15/2026 00:22	WG2674981
1,1,1-Trichloroethane	ND		0.00100	1	01/15/2026 00:22	WG2674981
1,1,2-Trichloroethane	ND		0.00100	1	01/15/2026 00:22	WG2674981
Trichloroethene	ND		0.00100	1	01/15/2026 00:22	WG2674981
Trichlorofluoromethane	ND		0.00500	1	01/15/2026 00:22	WG2674981
1,2,3-Trichloropropane	ND		0.00250	1	01/15/2026 00:22	WG2674981
1,2,4-Trimethylbenzene	0.0408		0.00200	1	01/15/2026 00:22	WG2674981
1,2,3-Trimethylbenzene	0.0280		0.00100	1	01/15/2026 00:22	WG2674981
1,3,5-Trimethylbenzene	0.00844		0.00100	1	01/15/2026 00:22	WG2674981
Vinyl chloride	ND		0.00100	1	01/15/2026 00:22	WG2674981
Xylenes, Total	0.00735		0.00300	1	01/15/2026 00:22	WG2674981
(S) Toluene-d8	*95.3*		*80.0-120*		*01/15/2026 00:22*	WG2674981
(S) Toluene-d8	*98.3*		*80.0-120*		*01/16/2026 01:19*	WG2675692
(S) 4-Bromofluorobenzene	*102*		*77.0-126*		*01/15/2026 00:22*	WG2674981
(S) 4-Bromofluorobenzene	*99.4*		*77.0-126*		*01/16/2026 01:19*	WG2675692
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*01/15/2026 00:22*	WG2674981
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*01/16/2026 01:19*	WG2675692

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	0.0253		0.00100	1	01/13/2026 23:04	WG2673616
Acenaphthylene	ND		0.00100	1	01/13/2026 23:04	WG2673616
Anthracene	0.00269		0.00100	1	01/13/2026 23:04	WG2673616
Benzidine	ND	C3 J4	0.0200	1	01/13/2026 23:04	WG2673616
Benzo(a)anthracene	ND		0.00100	1	01/13/2026 23:04	WG2673616
Benzo(b)fluoranthene	ND		0.00100	1	01/13/2026 23:04	WG2673616
Benzo(k)fluoranthene	ND		0.00100	1	01/13/2026 23:04	WG2673616
Benzo(g,h,i)perylene	ND		0.00100	1	01/13/2026 23:04	WG2673616
Benzo(a)pyrene	ND		0.00100	1	01/13/2026 23:04	WG2673616
Bis(2-chlorethoxy)methane	ND		0.0100	1	01/13/2026 23:04	WG2673616
Bis(2-chloroethyl)ether	ND		0.0100	1	01/13/2026 23:04	WG2673616
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	01/13/2026 23:04	WG2673616
4-Bromophenyl-phenylether	ND		0.0100	1	01/13/2026 23:04	WG2673616
2-Chloronaphthalene	ND		0.00100	1	01/13/2026 23:04	WG2673616
4-Chlorophenyl-phenylether	ND		0.0100	1	01/13/2026 23:04	WG2673616
Chrysene	ND		0.00100	1	01/13/2026 23:04	WG2673616
Dibenz(a,h)anthracene	ND		0.00100	1	01/13/2026 23:04	WG2673616
1,2-Dichlorobenzene	ND		0.0100	1	01/13/2026 23:04	WG2673616
1,3-Dichlorobenzene	ND		0.0100	1	01/13/2026 23:04	WG2673616
1,4-Dichlorobenzene	ND		0.0100	1	01/13/2026 23:04	WG2673616
3,3-Dichlorobenzidine	ND		0.0100	1	01/13/2026 23:04	WG2673616
2,4-Dinitrotoluene	ND		0.0100	1	01/13/2026 23:04	WG2673616
2,6-Dinitrotoluene	ND		0.0100	1	01/13/2026 23:04	WG2673616
Fluoranthene	ND		0.00100	1	01/13/2026 23:04	WG2673616
Fluorene	0.0122		0.00100	1	01/13/2026 23:04	WG2673616
Hexachlorobenzene	ND		0.00100	1	01/13/2026 23:04	WG2673616
Hexachloro-1,3-butadiene	ND		0.0100	1	01/13/2026 23:04	WG2673616
Hexachlorocyclopentadiene	ND		0.0100	1	01/13/2026 23:04	WG2673616

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hexachloroethane	ND		0.0100	1	01/13/2026 23:04	WG2673616
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	01/13/2026 23:04	WG2673616
Isophorone	ND		0.0100	1	01/13/2026 23:04	WG2673616
Naphthalene	0.353		0.0100	10	01/14/2026 14:57	WG2673616
Nitrobenzene	ND		0.0100	1	01/13/2026 23:04	WG2673616
n-Nitrosodimethylamine	ND		0.0100	1	01/13/2026 23:04	WG2673616
n-Nitrosodiphenylamine	ND		0.0100	1	01/13/2026 23:04	WG2673616
n-Nitrosodi-n-propylamine	ND		0.0100	1	01/13/2026 23:04	WG2673616
Phenanthrene	0.0126		0.00100	1	01/13/2026 23:04	WG2673616
Benzylbutyl phthalate	ND		0.00300	1	01/13/2026 23:04	WG2673616
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	01/13/2026 23:04	WG2673616
Di-n-butyl phthalate	ND		0.00300	1	01/13/2026 23:04	WG2673616
Diethyl phthalate	ND		0.00300	1	01/13/2026 23:04	WG2673616
Dimethyl phthalate	ND		0.00300	1	01/13/2026 23:04	WG2673616
Di-n-octyl phthalate	ND		0.00300	1	01/13/2026 23:04	WG2673616
Pyrene	ND		0.00100	1	01/13/2026 23:04	WG2673616
1,2,4-Trichlorobenzene	ND		0.0100	1	01/13/2026 23:04	WG2673616
4-Chloro-3-methylphenol	ND		0.0100	1	01/13/2026 23:04	WG2673616
2-Chlorophenol	ND		0.0100	1	01/13/2026 23:04	WG2673616
2,4-Dichlorophenol	ND		0.0100	1	01/13/2026 23:04	WG2673616
2,4-Dimethylphenol	ND		0.0100	1	01/13/2026 23:04	WG2673616
4,6-Dinitro-2-methylphenol	ND		0.0100	1	01/13/2026 23:04	WG2673616
2,4-Dinitrophenol	ND		0.0100	1	01/13/2026 23:04	WG2673616
2-Nitrophenol	ND		0.0100	1	01/13/2026 23:04	WG2673616
4-Nitrophenol	ND		0.0100	1	01/13/2026 23:04	WG2673616
Pentachlorophenol	ND	C3	0.0100	1	01/13/2026 23:04	WG2673616
Phenol	ND		0.0100	1	01/13/2026 23:04	WG2673616
2,4,6-Trichlorophenol	ND		0.0100	1	01/13/2026 23:04	WG2673616
(S) 2-Fluorophenol	*57.5*		*10.0-120*		*01/14/2026 14:57*	WG2673616
(S) 2-Fluorophenol	*55.5*		*10.0-120*		*01/13/2026 23:04*	WG2673616
(S) Phenol-d5	*36.0*		*10.0-120*		*01/14/2026 14:57*	WG2673616
(S) Phenol-d5	*38.3*		*10.0-120*		*01/13/2026 23:04*	WG2673616
(S) Nitrobenzene-d5	*73.1*		*10.0-127*		*01/14/2026 14:57*	WG2673616
(S) Nitrobenzene-d5	*81.9*		*10.0-127*		*01/13/2026 23:04*	WG2673616
(S) 2-Fluorobiphenyl	*78.7*		*10.0-130*		*01/13/2026 23:04*	WG2673616
(S) 2-Fluorobiphenyl	*72.4*		*10.0-130*		*01/14/2026 14:57*	WG2673616
(S) 2,4,6-Tribromophenol	*61.5*		*10.0-155*		*01/14/2026 14:57*	WG2673616
(S) 2,4,6-Tribromophenol	*98.5*		*10.0-155*		*01/13/2026 23:04*	WG2673616
(S) p-Terphenyl-d14	*101*		*10.0-128*		*01/13/2026 23:04*	WG2673616
(S) p-Terphenyl-d14	*91.4*		*10.0-128*		*01/14/2026 14:57*	WG2673616

Preparation by Method 1312

Analyte	Result	Qualifier	Prep date / time	Batch
SPLP Extraction	-		1/10/2026 5:51:29 PM	WG2672637
SPLP ZHE Extraction	-		1/13/2026 11:03:38 AM	WG2672550
Final pH	12.30		1/10/2026 5:51:29 PM	WG2672637

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	01/15/2026 00:43	WG2674981
Acrolein	ND		0.0500	1	01/15/2026 00:43	WG2674981
Acrylonitrile	ND		0.0100	1	01/15/2026 00:43	WG2674981
Benzene	ND		0.00100	1	01/15/2026 00:43	WG2674981
Bromobenzene	ND		0.00100	1	01/15/2026 00:43	WG2674981
Bromodichloromethane	ND		0.00100	1	01/15/2026 00:43	WG2674981
Bromoform	ND		0.00100	1	01/15/2026 00:43	WG2674981
Bromomethane	ND	C3	0.00500	1	01/15/2026 00:43	WG2674981
n-Butylbenzene	ND		0.00100	1	01/15/2026 00:43	WG2674981
sec-Butylbenzene	ND		0.00100	1	01/15/2026 00:43	WG2674981
tert-Butylbenzene	ND		0.00100	1	01/15/2026 00:43	WG2674981
Carbon tetrachloride	ND		0.00100	1	01/15/2026 00:43	WG2674981
Chlorobenzene	ND		0.00100	1	01/15/2026 00:43	WG2674981
Chlorodibromomethane	ND		0.00100	1	01/15/2026 00:43	WG2674981
Chloroethane	ND		0.00500	1	01/15/2026 00:43	WG2674981
Chloroform	ND		0.00500	1	01/15/2026 00:43	WG2674981
Chloromethane	ND	C3	0.00500	1	01/15/2026 00:43	WG2674981
2-Chlorotoluene	ND		0.00100	1	01/15/2026 00:43	WG2674981
4-Chlorotoluene	ND		0.00100	1	01/15/2026 00:43	WG2674981
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	01/15/2026 00:43	WG2674981
1,2-Dibromoethane	ND		0.00100	1	01/15/2026 00:43	WG2674981
Dibromomethane	ND		0.00100	1	01/15/2026 00:43	WG2674981
1,2-Dichlorobenzene	ND		0.00100	1	01/15/2026 00:43	WG2674981
1,3-Dichlorobenzene	ND		0.00100	1	01/15/2026 00:43	WG2674981
1,4-Dichlorobenzene	ND		0.00100	1	01/15/2026 00:43	WG2674981
Dichlorodifluoromethane	ND		0.00500	1	01/15/2026 00:43	WG2674981
1,1-Dichloroethane	ND		0.00100	1	01/15/2026 00:43	WG2674981
1,2-Dichloroethane	ND		0.00100	1	01/15/2026 00:43	WG2674981
1,1-Dichloroethene	ND		0.00100	1	01/15/2026 00:43	WG2674981
cis-1,2-Dichloroethene	ND		0.00100	1	01/15/2026 00:43	WG2674981
trans-1,2-Dichloroethene	ND		0.00100	1	01/15/2026 00:43	WG2674981
1,2-Dichloropropane	ND		0.00100	1	01/15/2026 00:43	WG2674981
1,1-Dichloropropene	ND		0.00100	1	01/15/2026 00:43	WG2674981
1,3-Dichloropropane	ND		0.00100	1	01/15/2026 00:43	WG2674981
cis-1,3-Dichloropropene	ND		0.00100	1	01/15/2026 00:43	WG2674981
trans-1,3-Dichloropropene	ND		0.00100	1	01/15/2026 00:43	WG2674981
2,2-Dichloropropane	ND		0.00100	1	01/15/2026 00:43	WG2674981
Di-isopropyl ether	ND		0.00100	1	01/15/2026 00:43	WG2674981
Ethylbenzene	ND		0.00100	1	01/15/2026 00:43	WG2674981
Hexachloro-1,3-butadiene	ND		0.00200	1	01/15/2026 00:43	WG2674981
Isopropylbenzene	ND		0.00100	1	01/15/2026 00:43	WG2674981
p-Isopropyltoluene	ND		0.00100	1	01/15/2026 00:43	WG2674981
2-Butanone (MEK)	ND		0.0200	1	01/15/2026 00:43	WG2674981
Methylene Chloride	ND		0.00500	1	01/15/2026 00:43	WG2674981
4-Methyl-2-pentanone (MIBK)	ND		0.0200	1	01/15/2026 00:43	WG2674981
Methyl tert-butyl ether	ND		0.00100	1	01/15/2026 00:43	WG2674981
Naphthalene	0.00695		0.00500	1	01/15/2026 22:35	WG2675692
n-Propylbenzene	ND		0.00100	1	01/15/2026 00:43	WG2674981

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Styrene	ND		0.00100	1	01/15/2026 00:43	WG2674981
1,1,1,2-Tetrachloroethane	ND		0.00100	1	01/15/2026 00:43	WG2674981
1,1,2,2-Tetrachloroethane	ND		0.00100	1	01/15/2026 00:43	WG2674981
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	01/15/2026 00:43	WG2674981
Tetrachloroethene	ND		0.00100	1	01/15/2026 00:43	WG2674981
Toluene	ND		0.00100	1	01/15/2026 00:43	WG2674981
1,2,3-Trichlorobenzene	ND		0.00100	1	01/15/2026 00:43	WG2674981
1,2,4-Trichlorobenzene	ND		0.00200	1	01/15/2026 00:43	WG2674981
1,1,1-Trichloroethane	ND		0.00100	1	01/15/2026 00:43	WG2674981
1,1,2-Trichloroethane	ND		0.00100	1	01/15/2026 00:43	WG2674981
Trichloroethene	ND		0.00100	1	01/15/2026 00:43	WG2674981
Trichlorofluoromethane	ND		0.00500	1	01/15/2026 00:43	WG2674981
1,2,3-Trichloropropane	ND		0.00250	1	01/15/2026 00:43	WG2674981
1,2,4-Trimethylbenzene	ND		0.00200	1	01/15/2026 00:43	WG2674981
1,2,3-Trimethylbenzene	ND		0.00100	1	01/15/2026 00:43	WG2674981
1,3,5-Trimethylbenzene	ND		0.00100	1	01/15/2026 00:43	WG2674981
Vinyl chloride	ND		0.00100	1	01/15/2026 00:43	WG2674981
Xylenes, Total	ND		0.00300	1	01/15/2026 00:43	WG2674981
(S) Toluene-d8	*97.0*		*80.0-120*		*01/15/2026 00:43*	WG2674981
(S) Toluene-d8	*98.7*		*80.0-120*		*01/15/2026 22:35*	WG2675692
(S) 4-Bromofluorobenzene	*96.8*		*77.0-126*		*01/15/2026 00:43*	WG2674981
(S) 4-Bromofluorobenzene	*98.8*		*77.0-126*		*01/15/2026 22:35*	WG2675692
(S) 1,2-Dichloroethane-d4	*100*		*70.0-130*		*01/15/2026 00:43*	WG2674981
(S) 1,2-Dichloroethane-d4	*107*		*70.0-130*		*01/15/2026 22:35*	WG2675692

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	0.00182		0.00100	1	01/13/2026 23:26	WG2673616
Acenaphthylene	ND		0.00100	1	01/13/2026 23:26	WG2673616
Anthracene	ND		0.00100	1	01/13/2026 23:26	WG2673616
Benzidine	ND	C3 J4	0.0200	1	01/13/2026 23:26	WG2673616
Benzo(a)anthracene	ND		0.00100	1	01/13/2026 23:26	WG2673616
Benzo(b)fluoranthene	ND		0.00100	1	01/13/2026 23:26	WG2673616
Benzo(k)fluoranthene	ND		0.00100	1	01/13/2026 23:26	WG2673616
Benzo(g,h,i)perylene	ND		0.00100	1	01/13/2026 23:26	WG2673616
Benzo(a)pyrene	ND		0.00100	1	01/13/2026 23:26	WG2673616
Bis(2-chlorethoxy)methane	ND		0.0100	1	01/13/2026 23:26	WG2673616
Bis(2-chloroethyl)ether	ND		0.0100	1	01/13/2026 23:26	WG2673616
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	01/13/2026 23:26	WG2673616
4-Bromophenyl-phenylether	ND		0.0100	1	01/13/2026 23:26	WG2673616
2-Chloronaphthalene	ND		0.00100	1	01/13/2026 23:26	WG2673616
4-Chlorophenyl-phenylether	ND		0.0100	1	01/13/2026 23:26	WG2673616
Chrysene	ND		0.00100	1	01/13/2026 23:26	WG2673616
Dibenz(a,h)anthracene	ND		0.00100	1	01/13/2026 23:26	WG2673616
1,2-Dichlorobenzene	ND		0.0100	1	01/13/2026 23:26	WG2673616
1,3-Dichlorobenzene	ND		0.0100	1	01/13/2026 23:26	WG2673616
1,4-Dichlorobenzene	ND		0.0100	1	01/13/2026 23:26	WG2673616
3,3-Dichlorobenzidine	ND		0.0100	1	01/13/2026 23:26	WG2673616
2,4-Dinitrotoluene	ND		0.0100	1	01/13/2026 23:26	WG2673616
2,6-Dinitrotoluene	ND		0.0100	1	01/13/2026 23:26	WG2673616
Fluoranthene	ND		0.00100	1	01/13/2026 23:26	WG2673616
Fluorene	ND		0.00100	1	01/13/2026 23:26	WG2673616
Hexachlorobenzene	ND		0.00100	1	01/13/2026 23:26	WG2673616
Hexachloro-1,3-butadiene	ND		0.0100	1	01/13/2026 23:26	WG2673616
Hexachlorocyclopentadiene	ND		0.0100	1	01/13/2026 23:26	WG2673616

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hexachloroethane	ND		0.0100	1	01/13/2026 23:26	WG2673616
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	01/13/2026 23:26	WG2673616
Isophorone	ND		0.0100	1	01/13/2026 23:26	WG2673616
Naphthalene	0.0236		0.00100	1	01/13/2026 23:26	WG2673616
Nitrobenzene	ND		0.0100	1	01/13/2026 23:26	WG2673616
n-Nitrosodimethylamine	ND		0.0100	1	01/13/2026 23:26	WG2673616
n-Nitrosodiphenylamine	ND		0.0100	1	01/13/2026 23:26	WG2673616
n-Nitrosodi-n-propylamine	ND		0.0100	1	01/13/2026 23:26	WG2673616
Phenanthrene	ND		0.00100	1	01/13/2026 23:26	WG2673616
Benzylbutyl phthalate	ND		0.00300	1	01/13/2026 23:26	WG2673616
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	01/13/2026 23:26	WG2673616
Di-n-butyl phthalate	ND		0.00300	1	01/13/2026 23:26	WG2673616
Diethyl phthalate	ND		0.00300	1	01/13/2026 23:26	WG2673616
Dimethyl phthalate	ND		0.00300	1	01/13/2026 23:26	WG2673616
Di-n-octyl phthalate	ND		0.00300	1	01/13/2026 23:26	WG2673616
Pyrene	ND		0.00100	1	01/13/2026 23:26	WG2673616
1,2,4-Trichlorobenzene	ND		0.0100	1	01/13/2026 23:26	WG2673616
4-Chloro-3-methylphenol	ND		0.0100	1	01/13/2026 23:26	WG2673616
2-Chlorophenol	ND		0.0100	1	01/13/2026 23:26	WG2673616
2,4-Dichlorophenol	ND		0.0100	1	01/13/2026 23:26	WG2673616
2,4-Dimethylphenol	ND		0.0100	1	01/13/2026 23:26	WG2673616
4,6-Dinitro-2-methylphenol	ND		0.0100	1	01/13/2026 23:26	WG2673616
2,4-Dinitrophenol	ND		0.0100	1	01/13/2026 23:26	WG2673616
2-Nitrophenol	ND		0.0100	1	01/13/2026 23:26	WG2673616
4-Nitrophenol	ND		0.0100	1	01/13/2026 23:26	WG2673616
Pentachlorophenol	ND	C3	0.0100	1	01/13/2026 23:26	WG2673616
Phenol	ND		0.0100	1	01/13/2026 23:26	WG2673616
2,4,6-Trichlorophenol	ND		0.0100	1	01/13/2026 23:26	WG2673616
(S) 2-Fluorophenol	*53.5*		*10.0-120*		*01/13/2026 23:26*	WG2673616
(S) Phenol-d5	*38.7*		*10.0-120*		*01/13/2026 23:26*	WG2673616
(S) Nitrobenzene-d5	*75.2*		*10.0-127*		*01/13/2026 23:26*	WG2673616
(S) 2-Fluorobiphenyl	*70.2*		*10.0-130*		*01/13/2026 23:26*	WG2673616
(S) 2,4,6-Tribromophenol	*87.0*		*10.0-155*		*01/13/2026 23:26*	WG2673616
(S) p-Terphenyl-d14	*90.2*		*10.0-128*		*01/13/2026 23:26*	WG2673616

Preparation by Method 1312

Analyte	Result	Qualifier	Prep date / time	Batch
SPLP Extraction	-		1/10/2026 5:51:29 PM	WG2672637
SPLP ZHE Extraction	-		1/13/2026 11:03:38 AM	WG2672550
Final pH	12.51		1/10/2026 5:51:29 PM	WG2672637

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	01/15/2026 01:04	WG2674981
Acrolein	ND		0.0500	1	01/15/2026 01:04	WG2674981
Acrylonitrile	ND		0.0100	1	01/15/2026 01:04	WG2674981
Benzene	ND		0.00100	1	01/15/2026 01:04	WG2674981
Bromobenzene	ND		0.00100	1	01/15/2026 01:04	WG2674981
Bromodichloromethane	ND		0.00100	1	01/15/2026 01:04	WG2674981
Bromoform	ND		0.00100	1	01/15/2026 01:04	WG2674981
Bromomethane	ND	C3	0.00500	1	01/15/2026 01:04	WG2674981
n-Butylbenzene	ND		0.00100	1	01/15/2026 01:04	WG2674981
sec-Butylbenzene	ND		0.00100	1	01/15/2026 01:04	WG2674981
tert-Butylbenzene	ND		0.00100	1	01/15/2026 01:04	WG2674981
Carbon tetrachloride	ND		0.00100	1	01/15/2026 01:04	WG2674981
Chlorobenzene	ND		0.00100	1	01/15/2026 01:04	WG2674981
Chlorodibromomethane	ND		0.00100	1	01/15/2026 01:04	WG2674981
Chloroethane	ND		0.00500	1	01/15/2026 01:04	WG2674981
Chloroform	ND		0.00500	1	01/15/2026 01:04	WG2674981
Chloromethane	ND	C3	0.00500	1	01/15/2026 01:04	WG2674981
2-Chlorotoluene	ND		0.00100	1	01/15/2026 01:04	WG2674981
4-Chlorotoluene	ND		0.00100	1	01/15/2026 01:04	WG2674981
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	01/15/2026 01:04	WG2674981
1,2-Dibromoethane	ND		0.00100	1	01/15/2026 01:04	WG2674981
Dibromomethane	ND		0.00100	1	01/15/2026 01:04	WG2674981
1,2-Dichlorobenzene	ND		0.00100	1	01/15/2026 01:04	WG2674981
1,3-Dichlorobenzene	ND		0.00100	1	01/15/2026 01:04	WG2674981
1,4-Dichlorobenzene	ND		0.00100	1	01/15/2026 01:04	WG2674981
Dichlorodifluoromethane	ND		0.00500	1	01/15/2026 01:04	WG2674981
1,1-Dichloroethane	ND		0.00100	1	01/15/2026 01:04	WG2674981
1,2-Dichloroethane	ND		0.00100	1	01/15/2026 01:04	WG2674981
1,1-Dichloroethene	ND		0.00100	1	01/15/2026 01:04	WG2674981
cis-1,2-Dichloroethene	ND		0.00100	1	01/15/2026 01:04	WG2674981
trans-1,2-Dichloroethene	ND		0.00100	1	01/15/2026 01:04	WG2674981
1,2-Dichloropropane	ND		0.00100	1	01/15/2026 01:04	WG2674981
1,1-Dichloropropene	ND		0.00100	1	01/15/2026 01:04	WG2674981
1,3-Dichloropropane	ND		0.00100	1	01/15/2026 01:04	WG2674981
cis-1,3-Dichloropropene	ND		0.00100	1	01/15/2026 01:04	WG2674981
trans-1,3-Dichloropropene	ND		0.00100	1	01/15/2026 01:04	WG2674981
2,2-Dichloropropane	ND		0.00100	1	01/15/2026 01:04	WG2674981
Di-isopropyl ether	ND		0.00100	1	01/15/2026 01:04	WG2674981
Ethylbenzene	ND		0.00100	1	01/15/2026 01:04	WG2674981
Hexachloro-1,3-butadiene	ND		0.00200	1	01/15/2026 01:04	WG2674981
Isopropylbenzene	ND		0.00100	1	01/15/2026 01:04	WG2674981
p-Isopropyltoluene	ND		0.00100	1	01/15/2026 01:04	WG2674981
2-Butanone (MEK)	ND		0.0200	1	01/15/2026 01:04	WG2674981
Methylene Chloride	ND		0.00500	1	01/15/2026 01:04	WG2674981
4-Methyl-2-pentanone (MIBK)	ND		0.0200	1	01/15/2026 01:04	WG2674981
Methyl tert-butyl ether	ND		0.00100	1	01/15/2026 01:04	WG2674981
Naphthalene	0.0162		0.00500	1	01/15/2026 22:55	WG2675692
n-Propylbenzene	ND		0.00100	1	01/15/2026 01:04	WG2674981

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Styrene	ND		0.00100	1	01/15/2026 01:04	WG2674981
1,1,1,2-Tetrachloroethane	ND		0.00100	1	01/15/2026 01:04	WG2674981
1,1,2,2-Tetrachloroethane	ND		0.00100	1	01/15/2026 01:04	WG2674981
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	01/15/2026 01:04	WG2674981
Tetrachloroethene	ND		0.00100	1	01/15/2026 01:04	WG2674981
Toluene	ND		0.00100	1	01/15/2026 01:04	WG2674981
1,2,3-Trichlorobenzene	ND		0.00100	1	01/15/2026 01:04	WG2674981
1,2,4-Trichlorobenzene	ND		0.00200	1	01/15/2026 01:04	WG2674981
1,1,1-Trichloroethane	ND		0.00100	1	01/15/2026 01:04	WG2674981
1,1,2-Trichloroethane	ND		0.00100	1	01/15/2026 01:04	WG2674981
Trichloroethene	ND		0.00100	1	01/15/2026 01:04	WG2674981
Trichlorofluoromethane	ND		0.00500	1	01/15/2026 01:04	WG2674981
1,2,3-Trichloropropane	ND		0.00250	1	01/15/2026 01:04	WG2674981
1,2,4-Trimethylbenzene	ND		0.00200	1	01/15/2026 01:04	WG2674981
1,2,3-Trimethylbenzene	ND		0.00100	1	01/15/2026 01:04	WG2674981
1,3,5-Trimethylbenzene	ND		0.00100	1	01/15/2026 01:04	WG2674981
Vinyl chloride	ND		0.00100	1	01/15/2026 01:04	WG2674981
Xylenes, Total	ND		0.00300	1	01/15/2026 01:04	WG2674981
(S) Toluene-d8	*98.6*		*80.0-120*		*01/15/2026 01:04*	WG2674981
(S) Toluene-d8	*98.3*		*80.0-120*		*01/15/2026 22:55*	WG2675692
(S) 4-Bromofluorobenzene	*93.6*		*77.0-126*		*01/15/2026 01:04*	WG2674981
(S) 4-Bromofluorobenzene	*99.0*		*77.0-126*		*01/15/2026 22:55*	WG2675692
(S) 1,2-Dichloroethane-d4	*99.1*		*70.0-130*		*01/15/2026 01:04*	WG2674981
(S) 1,2-Dichloroethane-d4	*107*		*70.0-130*		*01/15/2026 22:55*	WG2675692

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	0.00130		0.00100	1	01/13/2026 23:48	WG2673616
Acenaphthylene	ND		0.00100	1	01/13/2026 23:48	WG2673616
Anthracene	ND		0.00100	1	01/13/2026 23:48	WG2673616
Benzidine	ND	C3 J4	0.0200	1	01/13/2026 23:48	WG2673616
Benzo(a)anthracene	ND		0.00100	1	01/13/2026 23:48	WG2673616
Benzo(b)fluoranthene	ND		0.00100	1	01/13/2026 23:48	WG2673616
Benzo(k)fluoranthene	ND		0.00100	1	01/13/2026 23:48	WG2673616
Benzo(g,h,i)perylene	ND		0.00100	1	01/13/2026 23:48	WG2673616
Benzo(a)pyrene	ND		0.00100	1	01/13/2026 23:48	WG2673616
Bis(2-chlorethoxy)methane	ND		0.0100	1	01/13/2026 23:48	WG2673616
Bis(2-chloroethyl)ether	ND		0.0100	1	01/13/2026 23:48	WG2673616
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	01/13/2026 23:48	WG2673616
4-Bromophenyl-phenylether	ND		0.0100	1	01/13/2026 23:48	WG2673616
2-Chloronaphthalene	ND		0.00100	1	01/13/2026 23:48	WG2673616
4-Chlorophenyl-phenylether	ND		0.0100	1	01/13/2026 23:48	WG2673616
Chrysene	ND		0.00100	1	01/13/2026 23:48	WG2673616
Dibenz(a,h)anthracene	ND		0.00100	1	01/13/2026 23:48	WG2673616
1,2-Dichlorobenzene	ND		0.0100	1	01/13/2026 23:48	WG2673616
1,3-Dichlorobenzene	ND		0.0100	1	01/13/2026 23:48	WG2673616
1,4-Dichlorobenzene	ND		0.0100	1	01/13/2026 23:48	WG2673616
3,3-Dichlorobenzidine	ND		0.0100	1	01/13/2026 23:48	WG2673616
2,4-Dinitrotoluene	ND		0.0100	1	01/13/2026 23:48	WG2673616
2,6-Dinitrotoluene	ND		0.0100	1	01/13/2026 23:48	WG2673616
Fluoranthene	ND		0.00100	1	01/13/2026 23:48	WG2673616
Fluorene	ND		0.00100	1	01/13/2026 23:48	WG2673616
Hexachlorobenzene	ND		0.00100	1	01/13/2026 23:48	WG2673616
Hexachloro-1,3-butadiene	ND		0.0100	1	01/13/2026 23:48	WG2673616
Hexachlorocyclopentadiene	ND		0.0100	1	01/13/2026 23:48	WG2673616

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hexachloroethane	ND		0.0100	1	01/13/2026 23:48	WG2673616
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	01/13/2026 23:48	WG2673616
Isophorone	ND		0.0100	1	01/13/2026 23:48	WG2673616
Naphthalene	0.0206		0.00100	1	01/13/2026 23:48	WG2673616
Nitrobenzene	ND		0.0100	1	01/13/2026 23:48	WG2673616
n-Nitrosodimethylamine	ND		0.0100	1	01/13/2026 23:48	WG2673616
n-Nitrosodiphenylamine	ND		0.0100	1	01/13/2026 23:48	WG2673616
n-Nitrosodi-n-propylamine	ND		0.0100	1	01/13/2026 23:48	WG2673616
Phenanthrene	ND		0.00100	1	01/13/2026 23:48	WG2673616
Benzylbutyl phthalate	ND		0.00300	1	01/13/2026 23:48	WG2673616
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	01/13/2026 23:48	WG2673616
Di-n-butyl phthalate	ND		0.00300	1	01/13/2026 23:48	WG2673616
Diethyl phthalate	ND		0.00300	1	01/13/2026 23:48	WG2673616
Dimethyl phthalate	ND		0.00300	1	01/13/2026 23:48	WG2673616
Di-n-octyl phthalate	ND		0.00300	1	01/13/2026 23:48	WG2673616
Pyrene	ND		0.00100	1	01/13/2026 23:48	WG2673616
1,2,4-Trichlorobenzene	ND		0.0100	1	01/13/2026 23:48	WG2673616
4-Chloro-3-methylphenol	ND		0.0100	1	01/13/2026 23:48	WG2673616
2-Chlorophenol	ND		0.0100	1	01/13/2026 23:48	WG2673616
2,4-Dichlorophenol	ND		0.0100	1	01/13/2026 23:48	WG2673616
2,4-Dimethylphenol	ND		0.0100	1	01/13/2026 23:48	WG2673616
4,6-Dinitro-2-methylphenol	ND		0.0100	1	01/13/2026 23:48	WG2673616
2,4-Dinitrophenol	ND		0.0100	1	01/13/2026 23:48	WG2673616
2-Nitrophenol	ND		0.0100	1	01/13/2026 23:48	WG2673616
4-Nitrophenol	ND		0.0100	1	01/13/2026 23:48	WG2673616
Pentachlorophenol	ND	C3	0.0100	1	01/13/2026 23:48	WG2673616
Phenol	ND		0.0100	1	01/13/2026 23:48	WG2673616
2,4,6-Trichlorophenol	ND		0.0100	1	01/13/2026 23:48	WG2673616
(S) 2-Fluorophenol	*51.5*		*10.0-120*		*01/13/2026 23:48*	WG2673616
(S) Phenol-d5	*34.7*		*10.0-120*		*01/13/2026 23:48*	WG2673616
(S) Nitrobenzene-d5	*79.6*		*10.0-127*		*01/13/2026 23:48*	WG2673616
(S) 2-Fluorobiphenyl	*74.6*		*10.0-130*		*01/13/2026 23:48*	WG2673616
(S) 2,4,6-Tribromophenol	*87.0*		*10.0-155*		*01/13/2026 23:48*	WG2673616
(S) p-Terphenyl-d14	*89.3*		*10.0-128*		*01/13/2026 23:48*	WG2673616

Preparation by Method 1312

Analyte	Result	Qualifier	Prep date / time	Batch
SPLP Extraction	-		1/10/2026 5:51:29 PM	WG2672637
SPLP ZHE Extraction	-		1/13/2026 11:03:38 AM	WG2672550
Final pH	12.16		1/10/2026 5:51:29 PM	WG2672637

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	01/15/2026 01:25	WG2674981
Acrolein	ND		0.0500	1	01/15/2026 01:25	WG2674981
Acrylonitrile	ND		0.0100	1	01/15/2026 01:25	WG2674981
Benzene	ND		0.00100	1	01/15/2026 01:25	WG2674981
Bromobenzene	ND		0.00100	1	01/15/2026 01:25	WG2674981
Bromodichloromethane	ND		0.00100	1	01/15/2026 01:25	WG2674981
Bromoform	ND		0.00100	1	01/15/2026 01:25	WG2674981
Bromomethane	ND	C3	0.00500	1	01/15/2026 01:25	WG2674981
n-Butylbenzene	ND		0.00100	1	01/15/2026 01:25	WG2674981
sec-Butylbenzene	ND		0.00100	1	01/15/2026 01:25	WG2674981
tert-Butylbenzene	ND		0.00100	1	01/15/2026 01:25	WG2674981
Carbon tetrachloride	ND		0.00100	1	01/15/2026 01:25	WG2674981
Chlorobenzene	ND		0.00100	1	01/15/2026 01:25	WG2674981
Chlorodibromomethane	ND		0.00100	1	01/15/2026 01:25	WG2674981
Chloroethane	ND		0.00500	1	01/15/2026 01:25	WG2674981
Chloroform	ND		0.00500	1	01/15/2026 01:25	WG2674981
Chloromethane	ND	C3	0.00500	1	01/15/2026 01:25	WG2674981
2-Chlorotoluene	ND		0.00100	1	01/15/2026 01:25	WG2674981
4-Chlorotoluene	ND		0.00100	1	01/15/2026 01:25	WG2674981
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	01/15/2026 01:25	WG2674981
1,2-Dibromoethane	ND		0.00100	1	01/15/2026 01:25	WG2674981
Dibromomethane	ND		0.00100	1	01/15/2026 01:25	WG2674981
1,2-Dichlorobenzene	ND		0.00100	1	01/15/2026 01:25	WG2674981
1,3-Dichlorobenzene	ND		0.00100	1	01/15/2026 01:25	WG2674981
1,4-Dichlorobenzene	ND		0.00100	1	01/15/2026 01:25	WG2674981
Dichlorodifluoromethane	ND		0.00500	1	01/15/2026 01:25	WG2674981
1,1-Dichloroethane	ND		0.00100	1	01/15/2026 01:25	WG2674981
1,2-Dichloroethane	ND		0.00100	1	01/15/2026 01:25	WG2674981
1,1-Dichloroethene	ND		0.00100	1	01/15/2026 01:25	WG2674981
cis-1,2-Dichloroethene	ND		0.00100	1	01/15/2026 01:25	WG2674981
trans-1,2-Dichloroethene	ND		0.00100	1	01/15/2026 01:25	WG2674981
1,2-Dichloropropane	ND		0.00100	1	01/15/2026 01:25	WG2674981
1,1-Dichloropropene	ND		0.00100	1	01/15/2026 01:25	WG2674981
1,3-Dichloropropane	ND		0.00100	1	01/15/2026 01:25	WG2674981
cis-1,3-Dichloropropene	ND		0.00100	1	01/15/2026 01:25	WG2674981
trans-1,3-Dichloropropene	ND		0.00100	1	01/15/2026 01:25	WG2674981
2,2-Dichloropropane	ND		0.00100	1	01/15/2026 01:25	WG2674981
Di-isopropyl ether	ND		0.00100	1	01/15/2026 01:25	WG2674981
Ethylbenzene	ND		0.00100	1	01/15/2026 01:25	WG2674981
Hexachloro-1,3-butadiene	ND		0.00200	1	01/15/2026 01:25	WG2674981
Isopropylbenzene	ND		0.00100	1	01/15/2026 01:25	WG2674981
p-Isopropyltoluene	ND		0.00100	1	01/15/2026 01:25	WG2674981
2-Butanone (MEK)	ND		0.0200	1	01/15/2026 01:25	WG2674981
Methylene Chloride	ND		0.00500	1	01/15/2026 01:25	WG2674981
4-Methyl-2-pentanone (MIBK)	ND		0.0200	1	01/15/2026 01:25	WG2674981
Methyl tert-butyl ether	ND		0.00100	1	01/15/2026 01:25	WG2674981
Naphthalene	0.0162		0.00500	1	01/15/2026 23:16	WG2675692
n-Propylbenzene	ND		0.00100	1	01/15/2026 01:25	WG2674981

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Styrene	ND		0.00100	1	01/15/2026 01:25	WG2674981
1,1,1,2-Tetrachloroethane	ND		0.00100	1	01/15/2026 01:25	WG2674981
1,1,2,2-Tetrachloroethane	ND		0.00100	1	01/15/2026 01:25	WG2674981
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	01/15/2026 01:25	WG2674981
Tetrachloroethene	ND		0.00100	1	01/15/2026 01:25	WG2674981
Toluene	ND		0.00100	1	01/15/2026 01:25	WG2674981
1,2,3-Trichlorobenzene	ND		0.00100	1	01/15/2026 01:25	WG2674981
1,2,4-Trichlorobenzene	ND		0.00200	1	01/15/2026 01:25	WG2674981
1,1,1-Trichloroethane	ND		0.00100	1	01/15/2026 01:25	WG2674981
1,1,2-Trichloroethane	ND		0.00100	1	01/15/2026 01:25	WG2674981
Trichloroethene	ND		0.00100	1	01/15/2026 01:25	WG2674981
Trichlorofluoromethane	ND		0.00500	1	01/15/2026 01:25	WG2674981
1,2,3-Trichloropropane	ND		0.00250	1	01/15/2026 01:25	WG2674981
1,2,4-Trimethylbenzene	ND		0.00200	1	01/15/2026 01:25	WG2674981
1,2,3-Trimethylbenzene	ND		0.00100	1	01/15/2026 01:25	WG2674981
1,3,5-Trimethylbenzene	ND		0.00100	1	01/15/2026 01:25	WG2674981
Vinyl chloride	ND		0.00100	1	01/15/2026 01:25	WG2674981
Xylenes, Total	ND		0.00300	1	01/15/2026 01:25	WG2674981
(S) Toluene-d8	*101*		*80.0-120*		*01/15/2026 01:25*	WG2674981
(S) Toluene-d8	*98.3*		*80.0-120*		*01/15/2026 23:16*	WG2675692
(S) 4-Bromofluorobenzene	*95.7*		*77.0-126*		*01/15/2026 01:25*	WG2674981
(S) 4-Bromofluorobenzene	*99.7*		*77.0-126*		*01/15/2026 23:16*	WG2675692
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*01/15/2026 01:25*	WG2674981
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*01/15/2026 23:16*	WG2675692

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.00100	1	01/14/2026 00:09	WG2673616
Acenaphthylene	ND		0.00100	1	01/14/2026 00:09	WG2673616
Anthracene	ND		0.00100	1	01/14/2026 00:09	WG2673616
Benzidine	ND	C3 J4	0.0200	1	01/14/2026 00:09	WG2673616
Benzo(a)anthracene	ND		0.00100	1	01/14/2026 00:09	WG2673616
Benzo(b)fluoranthene	ND		0.00100	1	01/14/2026 00:09	WG2673616
Benzo(k)fluoranthene	ND		0.00100	1	01/14/2026 00:09	WG2673616
Benzo(g,h,i)perylene	ND		0.00100	1	01/14/2026 00:09	WG2673616
Benzo(a)pyrene	ND		0.00100	1	01/14/2026 00:09	WG2673616
Bis(2-chlorethoxy)methane	ND		0.0100	1	01/14/2026 00:09	WG2673616
Bis(2-chloroethyl)ether	ND		0.0100	1	01/14/2026 00:09	WG2673616
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	01/14/2026 00:09	WG2673616
4-Bromophenyl-phenylether	ND		0.0100	1	01/14/2026 00:09	WG2673616
2-Chloronaphthalene	ND		0.00100	1	01/14/2026 00:09	WG2673616
4-Chlorophenyl-phenylether	ND		0.0100	1	01/14/2026 00:09	WG2673616
Chrysene	ND		0.00100	1	01/14/2026 00:09	WG2673616
Dibenz(a,h)anthracene	ND		0.00100	1	01/14/2026 00:09	WG2673616
1,2-Dichlorobenzene	ND		0.0100	1	01/14/2026 00:09	WG2673616
1,3-Dichlorobenzene	ND		0.0100	1	01/14/2026 00:09	WG2673616
1,4-Dichlorobenzene	ND		0.0100	1	01/14/2026 00:09	WG2673616
3,3-Dichlorobenzidine	ND		0.0100	1	01/14/2026 00:09	WG2673616
2,4-Dinitrotoluene	ND		0.0100	1	01/14/2026 00:09	WG2673616
2,6-Dinitrotoluene	ND		0.0100	1	01/14/2026 00:09	WG2673616
Fluoranthene	ND		0.00100	1	01/14/2026 00:09	WG2673616
Fluorene	ND		0.00100	1	01/14/2026 00:09	WG2673616
Hexachlorobenzene	ND		0.00100	1	01/14/2026 00:09	WG2673616
Hexachloro-1,3-butadiene	ND		0.0100	1	01/14/2026 00:09	WG2673616
Hexachlorocyclopentadiene	ND		0.0100	1	01/14/2026 00:09	WG2673616

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hexachloroethane	ND		0.0100	1	01/14/2026 00:09	WG2673616
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	01/14/2026 00:09	WG2673616
Isophorone	ND		0.0100	1	01/14/2026 00:09	WG2673616
Naphthalene	0.00807		0.00100	1	01/14/2026 00:09	WG2673616
Nitrobenzene	ND		0.0100	1	01/14/2026 00:09	WG2673616
n-Nitrosodimethylamine	ND		0.0100	1	01/14/2026 00:09	WG2673616
n-Nitrosodiphenylamine	ND		0.0100	1	01/14/2026 00:09	WG2673616
n-Nitrosodi-n-propylamine	ND		0.0100	1	01/14/2026 00:09	WG2673616
Phenanthrene	ND		0.00100	1	01/14/2026 00:09	WG2673616
Benzylbutyl phthalate	ND		0.00300	1	01/14/2026 00:09	WG2673616
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	01/14/2026 00:09	WG2673616
Di-n-butyl phthalate	ND		0.00300	1	01/14/2026 00:09	WG2673616
Diethyl phthalate	ND		0.00300	1	01/14/2026 00:09	WG2673616
Dimethyl phthalate	ND		0.00300	1	01/14/2026 00:09	WG2673616
Di-n-octyl phthalate	ND		0.00300	1	01/14/2026 00:09	WG2673616
Pyrene	ND		0.00100	1	01/14/2026 00:09	WG2673616
1,2,4-Trichlorobenzene	ND		0.0100	1	01/14/2026 00:09	WG2673616
4-Chloro-3-methylphenol	ND		0.0100	1	01/14/2026 00:09	WG2673616
2-Chlorophenol	ND		0.0100	1	01/14/2026 00:09	WG2673616
2,4-Dichlorophenol	ND		0.0100	1	01/14/2026 00:09	WG2673616
2,4-Dimethylphenol	ND		0.0100	1	01/14/2026 00:09	WG2673616
4,6-Dinitro-2-methylphenol	ND		0.0100	1	01/14/2026 00:09	WG2673616
2,4-Dinitrophenol	ND		0.0100	1	01/14/2026 00:09	WG2673616
2-Nitrophenol	ND		0.0100	1	01/14/2026 00:09	WG2673616
4-Nitrophenol	ND		0.0100	1	01/14/2026 00:09	WG2673616
Pentachlorophenol	ND	C3	0.0100	1	01/14/2026 00:09	WG2673616
Phenol	ND		0.0100	1	01/14/2026 00:09	WG2673616
2,4,6-Trichlorophenol	ND		0.0100	1	01/14/2026 00:09	WG2673616
(S) 2-Fluorophenol	*61.5*		*10.0-120*		*01/14/2026 00:09*	WG2673616
(S) Phenol-d5	*41.4*		*10.0-120*		*01/14/2026 00:09*	WG2673616
(S) Nitrobenzene-d5	*94.5*		*10.0-127*		*01/14/2026 00:09*	WG2673616
(S) 2-Fluorobiphenyl	*82.4*		*10.0-130*		*01/14/2026 00:09*	WG2673616
(S) 2,4,6-Tribromophenol	*92.5*		*10.0-155*		*01/14/2026 00:09*	WG2673616
(S) p-Terphenyl-d14	*109*		*10.0-128*		*01/14/2026 00:09*	WG2673616

Preparation by Method 1312

Analyte	Result	Qualifier	Prep date / time	Batch
SPLP Extraction	-		1/10/2026 5:51:29 PM	WG2672637
SPLP ZHE Extraction	-		1/13/2026 11:03:38 AM	WG2672550
Final pH	12.23		1/10/2026 5:51:29 PM	WG2672637

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	01/15/2026 01:46	WG2674981
Acrolein	ND		0.0500	1	01/15/2026 01:46	WG2674981
Acrylonitrile	ND		0.0100	1	01/15/2026 01:46	WG2674981
Benzene	ND		0.00100	1	01/15/2026 01:46	WG2674981
Bromobenzene	ND		0.00100	1	01/15/2026 01:46	WG2674981
Bromodichloromethane	ND		0.00100	1	01/15/2026 01:46	WG2674981
Bromoform	ND		0.00100	1	01/15/2026 01:46	WG2674981
Bromomethane	ND	C3	0.00500	1	01/15/2026 01:46	WG2674981
n-Butylbenzene	ND		0.00100	1	01/15/2026 01:46	WG2674981
sec-Butylbenzene	ND		0.00100	1	01/15/2026 01:46	WG2674981
tert-Butylbenzene	ND		0.00100	1	01/15/2026 01:46	WG2674981
Carbon tetrachloride	ND		0.00100	1	01/15/2026 01:46	WG2674981
Chlorobenzene	ND		0.00100	1	01/15/2026 01:46	WG2674981
Chlorodibromomethane	ND		0.00100	1	01/15/2026 01:46	WG2674981
Chloroethane	ND		0.00500	1	01/15/2026 01:46	WG2674981
Chloroform	ND		0.00500	1	01/15/2026 01:46	WG2674981
Chloromethane	ND	C3	0.00500	1	01/15/2026 01:46	WG2674981
2-Chlorotoluene	ND		0.00100	1	01/15/2026 01:46	WG2674981
4-Chlorotoluene	ND		0.00100	1	01/15/2026 01:46	WG2674981
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	01/15/2026 01:46	WG2674981
1,2-Dibromoethane	ND		0.00100	1	01/15/2026 01:46	WG2674981
Dibromomethane	ND		0.00100	1	01/15/2026 01:46	WG2674981
1,2-Dichlorobenzene	ND		0.00100	1	01/15/2026 01:46	WG2674981
1,3-Dichlorobenzene	ND		0.00100	1	01/15/2026 01:46	WG2674981
1,4-Dichlorobenzene	ND		0.00100	1	01/15/2026 01:46	WG2674981
Dichlorodifluoromethane	ND		0.00500	1	01/15/2026 01:46	WG2674981
1,1-Dichloroethane	ND		0.00100	1	01/15/2026 01:46	WG2674981
1,2-Dichloroethane	ND		0.00100	1	01/15/2026 01:46	WG2674981
1,1-Dichloroethene	ND		0.00100	1	01/15/2026 01:46	WG2674981
cis-1,2-Dichloroethene	ND		0.00100	1	01/15/2026 01:46	WG2674981
trans-1,2-Dichloroethene	ND		0.00100	1	01/15/2026 01:46	WG2674981
1,2-Dichloropropane	ND		0.00100	1	01/15/2026 01:46	WG2674981
1,1-Dichloropropene	ND		0.00100	1	01/15/2026 01:46	WG2674981
1,3-Dichloropropane	ND		0.00100	1	01/15/2026 01:46	WG2674981
cis-1,3-Dichloropropene	ND		0.00100	1	01/15/2026 01:46	WG2674981
trans-1,3-Dichloropropene	ND		0.00100	1	01/15/2026 01:46	WG2674981
2,2-Dichloropropane	ND		0.00100	1	01/15/2026 01:46	WG2674981
Di-isopropyl ether	ND		0.00100	1	01/15/2026 01:46	WG2674981
Ethylbenzene	ND		0.00100	1	01/15/2026 01:46	WG2674981
Hexachloro-1,3-butadiene	ND		0.00200	1	01/15/2026 01:46	WG2674981
Isopropylbenzene	ND		0.00100	1	01/15/2026 01:46	WG2674981
p-Isopropyltoluene	ND		0.00100	1	01/15/2026 01:46	WG2674981
2-Butanone (MEK)	ND		0.0200	1	01/15/2026 01:46	WG2674981
Methylene Chloride	ND		0.00500	1	01/15/2026 01:46	WG2674981
4-Methyl-2-pentanone (MIBK)	ND		0.0200	1	01/15/2026 01:46	WG2674981
Methyl tert-butyl ether	ND		0.00100	1	01/15/2026 01:46	WG2674981
Naphthalene	0.0113		0.00500	1	01/15/2026 23:36	WG2675692
n-Propylbenzene	ND		0.00100	1	01/15/2026 01:46	WG2674981

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Styrene	ND		0.00100	1	01/15/2026 01:46	WG2674981
1,1,1,2-Tetrachloroethane	ND		0.00100	1	01/15/2026 01:46	WG2674981
1,1,2,2-Tetrachloroethane	ND		0.00100	1	01/15/2026 01:46	WG2674981
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	01/15/2026 01:46	WG2674981
Tetrachloroethene	ND		0.00100	1	01/15/2026 01:46	WG2674981
Toluene	ND		0.00100	1	01/15/2026 01:46	WG2674981
1,2,3-Trichlorobenzene	ND		0.00100	1	01/15/2026 01:46	WG2674981
1,2,4-Trichlorobenzene	ND		0.00200	1	01/15/2026 01:46	WG2674981
1,1,1-Trichloroethane	ND		0.00100	1	01/15/2026 01:46	WG2674981
1,1,2-Trichloroethane	ND		0.00100	1	01/15/2026 01:46	WG2674981
Trichloroethene	ND		0.00100	1	01/15/2026 01:46	WG2674981
Trichlorofluoromethane	ND		0.00500	1	01/15/2026 01:46	WG2674981
1,2,3-Trichloropropane	ND		0.00250	1	01/15/2026 01:46	WG2674981
1,2,4-Trimethylbenzene	ND		0.00200	1	01/15/2026 01:46	WG2674981
1,2,3-Trimethylbenzene	ND		0.00100	1	01/15/2026 01:46	WG2674981
1,3,5-Trimethylbenzene	ND		0.00100	1	01/15/2026 01:46	WG2674981
Vinyl chloride	ND		0.00100	1	01/15/2026 01:46	WG2674981
Xylenes, Total	ND		0.00300	1	01/15/2026 01:46	WG2674981
(S) Toluene-d8	*98.9*		*80.0-120*		*01/15/2026 01:46*	WG2674981
(S) Toluene-d8	*97.6*		*80.0-120*		*01/15/2026 23:36*	WG2675692
(S) 4-Bromofluorobenzene	*93.6*		*77.0-126*		*01/15/2026 01:46*	WG2674981
(S) 4-Bromofluorobenzene	*100*		*77.0-126*		*01/15/2026 23:36*	WG2675692
(S) 1,2-Dichloroethane-d4	*102*		*70.0-130*		*01/15/2026 01:46*	WG2674981
(S) 1,2-Dichloroethane-d4	*107*		*70.0-130*		*01/15/2026 23:36*	WG2675692

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.00100	1	01/13/2026 21:16	WG2673616
Acenaphthylene	ND		0.00100	1	01/13/2026 21:16	WG2673616
Anthracene	ND		0.00100	1	01/13/2026 21:16	WG2673616
Benzidine	ND	C3 J4	0.0200	1	01/13/2026 21:16	WG2673616
Benzo(a)anthracene	ND		0.00100	1	01/13/2026 21:16	WG2673616
Benzo(b)fluoranthene	ND		0.00100	1	01/13/2026 21:16	WG2673616
Benzo(k)fluoranthene	ND		0.00100	1	01/13/2026 21:16	WG2673616
Benzo(g,h,i)perylene	ND		0.00100	1	01/13/2026 21:16	WG2673616
Benzo(a)pyrene	ND		0.00100	1	01/13/2026 21:16	WG2673616
Bis(2-chlorethoxy)methane	ND		0.0100	1	01/13/2026 21:16	WG2673616
Bis(2-chloroethyl)ether	ND		0.0100	1	01/13/2026 21:16	WG2673616
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	01/13/2026 21:16	WG2673616
4-Bromophenyl-phenylether	ND		0.0100	1	01/13/2026 21:16	WG2673616
2-Chloronaphthalene	ND		0.00100	1	01/13/2026 21:16	WG2673616
4-Chlorophenyl-phenylether	ND		0.0100	1	01/13/2026 21:16	WG2673616
Chrysene	ND		0.00100	1	01/13/2026 21:16	WG2673616
Dibenz(a,h)anthracene	ND		0.00100	1	01/13/2026 21:16	WG2673616
1,2-Dichlorobenzene	ND		0.0100	1	01/13/2026 21:16	WG2673616
1,3-Dichlorobenzene	ND		0.0100	1	01/13/2026 21:16	WG2673616
1,4-Dichlorobenzene	ND		0.0100	1	01/13/2026 21:16	WG2673616
3,3-Dichlorobenzidine	ND		0.0100	1	01/13/2026 21:16	WG2673616
2,4-Dinitrotoluene	ND		0.0100	1	01/13/2026 21:16	WG2673616
2,6-Dinitrotoluene	ND		0.0100	1	01/13/2026 21:16	WG2673616
Fluoranthene	ND		0.00100	1	01/13/2026 21:16	WG2673616
Fluorene	ND		0.00100	1	01/13/2026 21:16	WG2673616
Hexachlorobenzene	ND		0.00100	1	01/13/2026 21:16	WG2673616
Hexachloro-1,3-butadiene	ND		0.0100	1	01/13/2026 21:16	WG2673616
Hexachlorocyclopentadiene	ND		0.0100	1	01/13/2026 21:16	WG2673616

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hexachloroethane	ND		0.0100	1	01/13/2026 21:16	WG2673616
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	01/13/2026 21:16	WG2673616
Isophorone	ND		0.0100	1	01/13/2026 21:16	WG2673616
Naphthalene	0.00823		0.00100	1	01/13/2026 21:16	WG2673616
Nitrobenzene	ND		0.0100	1	01/13/2026 21:16	WG2673616
n-Nitrosodimethylamine	ND		0.0100	1	01/13/2026 21:16	WG2673616
n-Nitrosodiphenylamine	ND		0.0100	1	01/13/2026 21:16	WG2673616
n-Nitrosodi-n-propylamine	ND		0.0100	1	01/13/2026 21:16	WG2673616
Phenanthrene	ND		0.00100	1	01/13/2026 21:16	WG2673616
Benzylbutyl phthalate	ND		0.00300	1	01/13/2026 21:16	WG2673616
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	01/13/2026 21:16	WG2673616
Di-n-butyl phthalate	ND		0.00300	1	01/13/2026 21:16	WG2673616
Diethyl phthalate	ND		0.00300	1	01/13/2026 21:16	WG2673616
Dimethyl phthalate	ND		0.00300	1	01/13/2026 21:16	WG2673616
Di-n-octyl phthalate	ND		0.00300	1	01/13/2026 21:16	WG2673616
Pyrene	ND		0.00100	1	01/13/2026 21:16	WG2673616
1,2,4-Trichlorobenzene	ND		0.0100	1	01/13/2026 21:16	WG2673616
4-Chloro-3-methylphenol	ND		0.0100	1	01/13/2026 21:16	WG2673616
2-Chlorophenol	ND		0.0100	1	01/13/2026 21:16	WG2673616
2,4-Dichlorophenol	ND		0.0100	1	01/13/2026 21:16	WG2673616
2,4-Dimethylphenol	ND		0.0100	1	01/13/2026 21:16	WG2673616
4,6-Dinitro-2-methylphenol	ND		0.0100	1	01/13/2026 21:16	WG2673616
2,4-Dinitrophenol	ND		0.0100	1	01/13/2026 21:16	WG2673616
2-Nitrophenol	ND		0.0100	1	01/13/2026 21:16	WG2673616
4-Nitrophenol	ND		0.0100	1	01/13/2026 21:16	WG2673616
Pentachlorophenol	ND	C3	0.0100	1	01/13/2026 21:16	WG2673616
Phenol	ND		0.0100	1	01/13/2026 21:16	WG2673616
2,4,6-Trichlorophenol	ND		0.0100	1	01/13/2026 21:16	WG2673616
(S) 2-Fluorophenol	*57.5*		*10.0-120*		*01/13/2026 21:16*	WG2673616
(S) Phenol-d5	*39.6*		*10.0-120*		*01/13/2026 21:16*	WG2673616
(S) Nitrobenzene-d5	*76.4*		*10.0-127*		*01/13/2026 21:16*	WG2673616
(S) 2-Fluorobiphenyl	*71.1*		*10.0-130*		*01/13/2026 21:16*	WG2673616
(S) 2,4,6-Tribromophenol	*78.5*		*10.0-155*		*01/13/2026 21:16*	WG2673616
(S) p-Terphenyl-d14	*89.7*		*10.0-128*		*01/13/2026 21:16*	WG2673616

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.100	1	01/11/2026 17:24	WG2673003
Acrylonitrile	ND		0.0125	1	01/11/2026 17:24	WG2673003
Benzene	0.00230		0.00100	1	01/11/2026 17:24	WG2673003
Bromobenzene	ND		0.0125	1	01/11/2026 17:24	WG2673003
Bromodichloromethane	ND		0.00250	1	01/11/2026 17:24	WG2673003
Bromoform	ND		0.0250	1	01/11/2026 17:24	WG2673003
Bromomethane	ND		0.0125	1	01/11/2026 17:24	WG2673003
n-Butylbenzene	ND		0.0125	1	01/11/2026 17:24	WG2673003
sec-Butylbenzene	0.0310		0.0125	1	01/11/2026 17:24	WG2673003
tert-Butylbenzene	ND		0.00500	1	01/11/2026 17:24	WG2673003
Carbon tetrachloride	ND		0.00500	1	01/11/2026 17:24	WG2673003
Chlorobenzene	ND		0.00250	1	01/11/2026 17:24	WG2673003
Chlorodibromomethane	ND		0.00250	1	01/11/2026 17:24	WG2673003
Chloroethane	ND		0.0100	1	01/11/2026 17:24	WG2673003
Chloroform	ND		0.00250	1	01/11/2026 17:24	WG2673003
Chloromethane	ND		0.0125	1	01/11/2026 17:24	WG2673003
2-Chlorotoluene	ND		0.00250	1	01/11/2026 17:24	WG2673003
4-Chlorotoluene	ND		0.00500	1	01/11/2026 17:24	WG2673003
1,2-Dibromo-3-Chloropropane	ND	C3	0.0250	1	01/11/2026 17:24	WG2673003
1,2-Dibromoethane	ND		0.00250	1	01/11/2026 17:24	WG2673003
Dibromomethane	ND		0.00500	1	01/11/2026 17:24	WG2673003
1,2-Dichlorobenzene	ND		0.00500	1	01/11/2026 17:24	WG2673003
1,3-Dichlorobenzene	ND		0.00500	1	01/11/2026 17:24	WG2673003
1,4-Dichlorobenzene	ND		0.00500	1	01/11/2026 17:24	WG2673003
Dichlorodifluoromethane	ND		0.00500	1	01/11/2026 17:24	WG2673003
1,1-Dichloroethane	ND		0.00250	1	01/11/2026 17:24	WG2673003
1,2-Dichloroethane	ND		0.00250	1	01/11/2026 17:24	WG2673003
1,1-Dichloroethene	ND		0.00250	1	01/11/2026 17:24	WG2673003
cis-1,2-Dichloroethene	ND		0.00250	1	01/11/2026 17:24	WG2673003
trans-1,2-Dichloroethene	ND		0.00500	1	01/11/2026 17:24	WG2673003
1,2-Dichloropropane	ND		0.00500	1	01/11/2026 17:24	WG2673003
1,1-Dichloropropene	ND		0.00500	1	01/11/2026 17:24	WG2673003
1,3-Dichloropropane	ND		0.00500	1	01/11/2026 17:24	WG2673003
cis-1,3-Dichloropropene	ND		0.00250	1	01/11/2026 17:24	WG2673003
trans-1,3-Dichloropropene	ND		0.00500	1	01/11/2026 17:24	WG2673003
2,2-Dichloropropane	ND		0.00250	1	01/11/2026 17:24	WG2673003
Di-isopropyl ether	ND		0.00100	1	01/11/2026 17:24	WG2673003
Ethylbenzene	0.140		0.00250	1	01/11/2026 17:24	WG2673003
Hexachloro-1,3-butadiene	ND	C3	0.0250	1	01/11/2026 17:24	WG2673003
Isopropylbenzene	0.162		0.00250	1	01/11/2026 17:24	WG2673003
p-Isopropyltoluene	0.280		0.00500	1	01/11/2026 17:24	WG2673003
2-Butanone (MEK)	ND		0.100	1	01/11/2026 17:24	WG2673003
Methylene Chloride	ND		0.0250	1	01/11/2026 17:24	WG2673003
4-Methyl-2-pentanone (MIBK)	0.0280		0.0250	1	01/11/2026 17:24	WG2673003
Methyl tert-butyl ether	ND		0.00100	1	01/11/2026 17:24	WG2673003
Naphthalene	14.9		0.500	40	01/16/2026 23:30	WG2676271
n-Propylbenzene	0.268		0.00500	1	01/11/2026 17:24	WG2673003
Styrene	ND		0.0125	1	01/11/2026 17:24	WG2673003
1,1,1,2-Tetrachloroethane	ND		0.00250	1	01/11/2026 17:24	WG2673003
1,1,2,2-Tetrachloroethane	ND		0.00250	1	01/11/2026 17:24	WG2673003
1,1,2-Trichlorotrifluoroethane	ND		0.00500	1	01/11/2026 17:24	WG2673003
Tetrachloroethene	ND		0.00250	1	01/11/2026 17:24	WG2673003
Toluene	0.00636		0.00500	1	01/11/2026 17:24	WG2673003
1,2,3-Trichlorobenzene	ND	C3 J4	0.0125	1	01/11/2026 17:24	WG2673003
1,2,4-Trichlorobenzene	ND	C3 J4	0.0125	1	01/11/2026 17:24	WG2673003
1,1,1-Trichloroethane	ND		0.00250	1	01/11/2026 17:24	WG2673003

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
1,1,2-Trichloroethane	ND		0.00250	1	01/11/2026 17:24	WG2673003
Trichloroethene	ND		0.00100	1	01/11/2026 17:24	WG2673003
Trichlorofluoromethane	ND		0.00400	1	01/11/2026 17:24	WG2673003
1,2,3-Trichloropropane	ND		0.0125	1	01/11/2026 17:24	WG2673003
1,2,4-Trimethylbenzene	0.524		0.00500	1	01/11/2026 17:24	WG2673003
1,2,3-Trimethylbenzene	0.468		0.00500	1	01/11/2026 17:24	WG2673003
1,3,5-Trimethylbenzene	0.203		0.00500	1	01/11/2026 17:24	WG2673003
Vinyl chloride	ND		0.00250	1	01/11/2026 17:24	WG2673003
Xylenes, Total	0.100		0.00650	1	01/11/2026 17:24	WG2673003
(S) Toluene-d8	*96.6*		*75.0-131*		*01/11/2026 17:24*	WG2673003
(S) Toluene-d8	*101*		*75.0-131*		*01/16/2026 23:30*	WG2676271
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*01/11/2026 17:24*	WG2673003
(S) 4-Bromofluorobenzene	*94.5*		*67.0-138*		*01/16/2026 23:30*	WG2676271
(S) 1,2-Dichloroethane-d4	*86.9*		*70.0-130*		*01/11/2026 17:24*	WG2673003
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*01/16/2026 23:30*	WG2676271

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
C10-C28 Diesel Range	126		8.00	2	01/13/2026 12:28	WG2672859
C28-C40 Oil Range	51.5		8.00	2	01/13/2026 12:28	WG2672859
(S) o-Terphenyl	*72.4*		*18.0-148*		*01/13/2026 12:28*	WG2672859

Semi Volatile Organic Compounds (GC/MS) by Method 8270E-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	1.13		0.00600	1	01/12/2026 19:46	WG2672869
Acenaphthene	1.77		0.00600	1	01/12/2026 19:46	WG2672869
Acenaphthylene	ND		0.00600	1	01/12/2026 19:46	WG2672869
Benzo(a)anthracene	0.257		0.00600	1	01/12/2026 19:46	WG2672869
Benzo(a)pyrene	0.151		0.00600	1	01/12/2026 19:46	WG2672869
Benzo(b)fluoranthene	0.160		0.00600	1	01/12/2026 19:46	WG2672869
Benzo(g,h,i)perylene	0.0839		0.00600	1	01/12/2026 19:46	WG2672869
Benzo(k)fluoranthene	0.0547		0.00600	1	01/12/2026 19:46	WG2672869
Chrysene	0.208		0.00600	1	01/12/2026 19:46	WG2672869
Dibenz(a,h)anthracene	0.0207		0.00600	1	01/12/2026 19:46	WG2672869
Fluoranthene	0.709		0.00600	1	01/12/2026 19:46	WG2672869
Fluorene	1.54		0.00600	1	01/12/2026 19:46	WG2672869
Indeno(1,2,3-cd)pyrene	0.0763		0.00600	1	01/12/2026 19:46	WG2672869
Naphthalene	6.01		0.200	10	01/13/2026 02:23	WG2672869
Phenanthrene	3.51		0.00600	1	01/12/2026 19:46	WG2672869
Pyrene	0.818		0.00600	1	01/12/2026 19:46	WG2672869
1-Methylnaphthalene	6.71		0.200	10	01/13/2026 02:23	WG2672869
2-Methylnaphthalene	7.11		0.200	10	01/13/2026 02:23	WG2672869
2-Chloronaphthalene	ND		0.0200	1	01/12/2026 19:46	WG2672869
(S) p-Terphenyl-d14	*82.2*		*23.0-120*		*01/12/2026 19:46*	WG2672869
(S) p-Terphenyl-d14	*85.8*		*23.0-120*		*01/13/2026 02:23*	WG2672869
(S) 2-Fluorobiphenyl	*72.4*		*34.0-125*		*01/12/2026 19:46*	WG2672869
(S) 2-Fluorobiphenyl	*84.2*		*34.0-125*		*01/13/2026 02:23*	WG2672869
(S) 2-Methylnaphthalene-d10	*84.4*		*50.0-150*		*01/12/2026 19:46*	WG2672869
(S) 2-Methylnaphthalene-d10	*87.3*		*50.0-150*		*01/13/2026 02:23*	WG2672869

Preparation by Method 1312

Analyte	Result	Qualifier	Prep date / time	Batch
SPLP Extraction	-		1/10/2026 5:51:29 PM	WG2672637
SPLP ZHE Extraction	-		1/13/2026 11:03:38 AM	WG2672550
Final pH	8.15		1/10/2026 5:51:29 PM	WG2672637

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	01/15/2026 02:07	WG2674981
Acrolein	ND		0.0500	1	01/15/2026 02:07	WG2674981
Acrylonitrile	ND		0.0100	1	01/15/2026 02:07	WG2674981
Benzene	ND		0.00100	1	01/15/2026 02:07	WG2674981
Bromobenzene	ND		0.00100	1	01/15/2026 02:07	WG2674981
Bromodichloromethane	ND		0.00100	1	01/15/2026 02:07	WG2674981
Bromoform	ND		0.00100	1	01/15/2026 02:07	WG2674981
Bromomethane	ND	C3	0.00500	1	01/15/2026 02:07	WG2674981
n-Butylbenzene	ND		0.00100	1	01/15/2026 02:07	WG2674981
sec-Butylbenzene	ND		0.00100	1	01/15/2026 02:07	WG2674981
tert-Butylbenzene	ND		0.00100	1	01/15/2026 02:07	WG2674981
Carbon tetrachloride	ND		0.00100	1	01/15/2026 02:07	WG2674981
Chlorobenzene	ND		0.00100	1	01/15/2026 02:07	WG2674981
Chlorodibromomethane	ND		0.00100	1	01/15/2026 02:07	WG2674981
Chloroethane	ND		0.00500	1	01/15/2026 02:07	WG2674981
Chloroform	ND		0.00500	1	01/15/2026 02:07	WG2674981
Chloromethane	ND	C3	0.00500	1	01/15/2026 02:07	WG2674981
2-Chlorotoluene	ND		0.00100	1	01/15/2026 02:07	WG2674981
4-Chlorotoluene	ND		0.00100	1	01/15/2026 02:07	WG2674981
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	01/15/2026 02:07	WG2674981
1,2-Dibromoethane	ND		0.00100	1	01/15/2026 02:07	WG2674981
Dibromomethane	ND		0.00100	1	01/15/2026 02:07	WG2674981
1,2-Dichlorobenzene	ND		0.00100	1	01/15/2026 02:07	WG2674981
1,3-Dichlorobenzene	ND		0.00100	1	01/15/2026 02:07	WG2674981
1,4-Dichlorobenzene	ND		0.00100	1	01/15/2026 02:07	WG2674981
Dichlorodifluoromethane	ND		0.00500	1	01/15/2026 02:07	WG2674981
1,1-Dichloroethane	ND		0.00100	1	01/15/2026 02:07	WG2674981
1,2-Dichloroethane	ND		0.00100	1	01/15/2026 02:07	WG2674981
1,1-Dichloroethene	ND		0.00100	1	01/15/2026 02:07	WG2674981
cis-1,2-Dichloroethene	ND		0.00100	1	01/15/2026 02:07	WG2674981
trans-1,2-Dichloroethene	ND		0.00100	1	01/15/2026 02:07	WG2674981
1,2-Dichloropropane	ND		0.00100	1	01/15/2026 02:07	WG2674981
1,1-Dichloropropene	ND		0.00100	1	01/15/2026 02:07	WG2674981
1,3-Dichloropropane	ND		0.00100	1	01/15/2026 02:07	WG2674981
cis-1,3-Dichloropropene	ND		0.00100	1	01/15/2026 02:07	WG2674981
trans-1,3-Dichloropropene	ND		0.00100	1	01/15/2026 02:07	WG2674981
2,2-Dichloropropane	ND		0.00100	1	01/15/2026 02:07	WG2674981
Di-isopropyl ether	ND		0.00100	1	01/15/2026 02:07	WG2674981
Ethylbenzene	ND		0.00100	1	01/15/2026 02:07	WG2674981
Hexachloro-1,3-butadiene	ND		0.00200	1	01/15/2026 02:07	WG2674981
Isopropylbenzene	ND		0.00100	1	01/15/2026 02:07	WG2674981
p-Isopropyltoluene	0.00218		0.00100	1	01/15/2026 02:07	WG2674981
2-Butanone (MEK)	ND		0.0200	1	01/15/2026 02:07	WG2674981
Methylene Chloride	ND		0.00500	1	01/15/2026 02:07	WG2674981
4-Methyl-2-pentanone (MIBK)	ND		0.0200	1	01/15/2026 02:07	WG2674981
Methyl tert-butyl ether	ND		0.00100	1	01/15/2026 02:07	WG2674981
Naphthalene	ND		0.00500	1	01/15/2026 23:57	WG2675692
n-Propylbenzene	ND		0.00100	1	01/15/2026 02:07	WG2674981

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Styrene	ND		0.00100	1	01/15/2026 02:07	WG2674981
1,1,1,2-Tetrachloroethane	ND		0.00100	1	01/15/2026 02:07	WG2674981
1,1,2,2-Tetrachloroethane	ND		0.00100	1	01/15/2026 02:07	WG2674981
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	01/15/2026 02:07	WG2674981
Tetrachloroethene	ND		0.00100	1	01/15/2026 02:07	WG2674981
Toluene	ND		0.00100	1	01/15/2026 02:07	WG2674981
1,2,3-Trichlorobenzene	ND		0.00100	1	01/15/2026 02:07	WG2674981
1,2,4-Trichlorobenzene	ND		0.00200	1	01/15/2026 02:07	WG2674981
1,1,1-Trichloroethane	ND		0.00100	1	01/15/2026 02:07	WG2674981
1,1,2-Trichloroethane	ND		0.00100	1	01/15/2026 02:07	WG2674981
Trichloroethene	ND		0.00100	1	01/15/2026 02:07	WG2674981
Trichlorofluoromethane	ND		0.00500	1	01/15/2026 02:07	WG2674981
1,2,3-Trichloropropane	ND		0.00250	1	01/15/2026 02:07	WG2674981
1,2,4-Trimethylbenzene	ND		0.00200	1	01/15/2026 02:07	WG2674981
1,2,3-Trimethylbenzene	0.00676		0.00100	1	01/15/2026 02:07	WG2674981
1,3,5-Trimethylbenzene	0.00320		0.00100	1	01/15/2026 02:07	WG2674981
Vinyl chloride	ND		0.00100	1	01/15/2026 02:07	WG2674981
Xylenes, Total	ND		0.00300	1	01/15/2026 02:07	WG2674981
(S) Toluene-d8	*100*		*80.0-120*		*01/15/2026 02:07*	WG2674981
(S) Toluene-d8	*98.4*		*80.0-120*		*01/15/2026 23:57*	WG2675692
(S) 4-Bromofluorobenzene	*90.9*		*77.0-126*		*01/15/2026 02:07*	WG2674981
(S) 4-Bromofluorobenzene	*95.7*		*77.0-126*		*01/15/2026 23:57*	WG2675692
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*01/15/2026 02:07*	WG2674981
(S) 1,2-Dichloroethane-d4	*109*		*70.0-130*		*01/15/2026 23:57*	WG2675692

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	0.0297		0.00100	1	01/13/2026 21:38	WG2673616
Acenaphthylene	ND		0.00100	1	01/13/2026 21:38	WG2673616
Anthracene	0.00346		0.00100	1	01/13/2026 21:38	WG2673616
Benzidine	ND	C3 J4	0.0200	1	01/13/2026 21:38	WG2673616
Benzo(a)anthracene	ND		0.00100	1	01/13/2026 21:38	WG2673616
Benzo(b)fluoranthene	ND		0.00100	1	01/13/2026 21:38	WG2673616
Benzo(k)fluoranthene	ND		0.00100	1	01/13/2026 21:38	WG2673616
Benzo(g,h,i)perylene	ND		0.00100	1	01/13/2026 21:38	WG2673616
Benzo(a)pyrene	ND		0.00100	1	01/13/2026 21:38	WG2673616
Bis(2-chlorethoxy)methane	ND		0.0100	1	01/13/2026 21:38	WG2673616
Bis(2-chloroethyl)ether	ND		0.0100	1	01/13/2026 21:38	WG2673616
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	01/13/2026 21:38	WG2673616
4-Bromophenyl-phenylether	ND		0.0100	1	01/13/2026 21:38	WG2673616
2-Chloronaphthalene	ND		0.00100	1	01/13/2026 21:38	WG2673616
4-Chlorophenyl-phenylether	ND		0.0100	1	01/13/2026 21:38	WG2673616
Chrysene	ND		0.00100	1	01/13/2026 21:38	WG2673616
Dibenz(a,h)anthracene	ND		0.00100	1	01/13/2026 21:38	WG2673616
1,2-Dichlorobenzene	ND		0.0100	1	01/13/2026 21:38	WG2673616
1,3-Dichlorobenzene	ND		0.0100	1	01/13/2026 21:38	WG2673616
1,4-Dichlorobenzene	ND		0.0100	1	01/13/2026 21:38	WG2673616
3,3-Dichlorobenzidine	ND		0.0100	1	01/13/2026 21:38	WG2673616
2,4-Dinitrotoluene	ND		0.0100	1	01/13/2026 21:38	WG2673616
2,6-Dinitrotoluene	ND		0.0100	1	01/13/2026 21:38	WG2673616
Fluoranthene	0.00117		0.00100	1	01/13/2026 21:38	WG2673616
Fluorene	0.0155		0.00100	1	01/13/2026 21:38	WG2673616
Hexachlorobenzene	ND		0.00100	1	01/13/2026 21:38	WG2673616
Hexachloro-1,3-butadiene	ND		0.0100	1	01/13/2026 21:38	WG2673616
Hexachlorocyclopentadiene	ND		0.0100	1	01/13/2026 21:38	WG2673616

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Hexachloroethane	ND		0.0100	1	01/13/2026 21:38	WG2673616
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	01/13/2026 21:38	WG2673616
Isophorone	ND		0.0100	1	01/13/2026 21:38	WG2673616
Naphthalene	0.00945		0.00100	1	01/13/2026 21:38	WG2673616
Nitrobenzene	ND		0.0100	1	01/13/2026 21:38	WG2673616
n-Nitrosodimethylamine	ND		0.0100	1	01/13/2026 21:38	WG2673616
n-Nitrosodiphenylamine	ND		0.0100	1	01/13/2026 21:38	WG2673616
n-Nitrosodi-n-propylamine	ND		0.0100	1	01/13/2026 21:38	WG2673616
Phenanthrene	0.00751		0.00100	1	01/13/2026 21:38	WG2673616
Benzylbutyl phthalate	ND		0.00300	1	01/13/2026 21:38	WG2673616
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	01/13/2026 21:38	WG2673616
Di-n-butyl phthalate	ND		0.00300	1	01/13/2026 21:38	WG2673616
Diethyl phthalate	ND		0.00300	1	01/13/2026 21:38	WG2673616
Dimethyl phthalate	ND		0.00300	1	01/13/2026 21:38	WG2673616
Di-n-octyl phthalate	ND		0.00300	1	01/13/2026 21:38	WG2673616
Pyrene	0.00165		0.00100	1	01/13/2026 21:38	WG2673616
1,2,4-Trichlorobenzene	ND		0.0100	1	01/13/2026 21:38	WG2673616
4-Chloro-3-methylphenol	ND		0.0100	1	01/13/2026 21:38	WG2673616
2-Chlorophenol	ND		0.0100	1	01/13/2026 21:38	WG2673616
2,4-Dichlorophenol	ND		0.0100	1	01/13/2026 21:38	WG2673616
2,4-Dimethylphenol	ND		0.0100	1	01/13/2026 21:38	WG2673616
4,6-Dinitro-2-methylphenol	ND		0.0100	1	01/13/2026 21:38	WG2673616
2,4-Dinitrophenol	ND		0.0100	1	01/13/2026 21:38	WG2673616
2-Nitrophenol	ND		0.0100	1	01/13/2026 21:38	WG2673616
4-Nitrophenol	ND		0.0100	1	01/13/2026 21:38	WG2673616
Pentachlorophenol	ND	C3	0.0100	1	01/13/2026 21:38	WG2673616
Phenol	ND		0.0100	1	01/13/2026 21:38	WG2673616
2,4,6-Trichlorophenol	ND		0.0100	1	01/13/2026 21:38	WG2673616
(S) 2-Fluorophenol	*50.0*		*10.0-120*		*01/13/2026 21:38*	WG2673616
(S) Phenol-d5	*34.7*		*10.0-120*		*01/13/2026 21:38*	WG2673616
(S) Nitrobenzene-d5	*87.2*		*10.0-127*		*01/13/2026 21:38*	WG2673616
(S) 2-Fluorobiphenyl	*82.1*		*10.0-130*		*01/13/2026 21:38*	WG2673616
(S) 2,4,6-Tribromophenol	*97.0*		*10.0-155*		*01/13/2026 21:38*	WG2673616
(S) p-Terphenyl-d14	*98.1*		*10.0-128*		*01/13/2026 21:38*	WG2673616

Method Blank (MB)

(MB) R4324801-2 01/11/26 11:22

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0697	0.100
Acrylonitrile	U		0.00803	0.0125
Benzene	U		0.000711	0.00100
Bromobenzene	U		0.00390	0.0125
Bromodichloromethane	U		0.00117	0.00250
Bromoform	U		0.00992	0.0250
Bromomethane	U		0.0101	0.0125
n-Butylbenzene	U		0.00625	0.0125
sec-Butylbenzene	U		0.00383	0.0125
tert-Butylbenzene	U		0.00189	0.00500
Carbon tetrachloride	U		0.00301	0.00500
Chlorobenzene	U		0.000858	0.00250
Chlorodibromomethane	U		0.00161	0.00250
Chloroethane	U		0.00569	0.0100
Chloroform	U		0.00162	0.00250
Chloromethane	U		0.00850	0.0125
2-Chlorotoluene	U		0.00129	0.00250
4-Chlorotoluene	U		0.00154	0.00500
1,2-Dibromo-3-Chloropropane	U		0.0107	0.0250
1,2-Dibromoethane	U		0.00126	0.00250
Dibromomethane	U		0.00178	0.00500
1,2-Dichlorobenzene	U		0.00156	0.00500
1,3-Dichlorobenzene	U		0.00165	0.00500
1,4-Dichlorobenzene	U		0.00175	0.00500
Dichlorodifluoromethane	U		0.00435	0.00500
1,1-Dichloroethane	U		0.00101	0.00250
1,2-Dichloroethane	U		0.00146	0.00250
1,1-Dichloroethene	U		0.00153	0.00250
cis-1,2-Dichloroethene	U		0.00129	0.00250
trans-1,2-Dichloroethene	U		0.00104	0.00500
1,2-Dichloropropane	U		0.00192	0.00500
1,1-Dichloropropene	U		0.00138	0.00500
1,3-Dichloropropane	U		0.00162	0.00500
cis-1,3-Dichloropropene	U		0.00105	0.00250
trans-1,3-Dichloropropene	U		0.00105	0.00500
2,2-Dichloropropane	U		0.00202	0.00250
Di-isopropyl ether	U		0.000769	0.00100
Ethylbenzene	U		0.000987	0.00250
Hexachloro-1,3-butadiene	U		0.0104	0.0250
Isopropylbenzene	U		0.00101	0.00250

Method Blank (MB)

(MB) R4324801-2 01/11/26 11:22

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00213	0.00500
2-Butanone (MEK)	U		0.0887	0.100
Methylene Chloride	U		0.0110	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.00992	0.0250
Methyl tert-butyl ether	U		0.000773	0.00100
n-Propylbenzene	U		0.00169	0.00500
Styrene	U		0.00445	0.0125
1,1,1,2-Tetrachloroethane	U		0.00130	0.00250
1,1,2,2-Tetrachloroethane	U		0.00116	0.00250
1,1,2-Trichlorotrifluoroethane	U		0.00281	0.00500
Tetrachloroethene	U		0.00152	0.00250
Toluene	U		0.00289	0.00500
1,2,3-Trichlorobenzene	U		0.00699	0.0125
1,2,4-Trichlorobenzene	U		0.00542	0.0125
1,1,1-Trichloroethane	U		0.00145	0.00250
1,1,2-Trichloroethane	U		0.00134	0.00250
Trichloroethene	U		0.000891	0.00100
Trichlorofluoromethane	U		0.00261	0.00400
1,2,3-Trichloropropane	U		0.00612	0.0125
1,2,4-Trimethylbenzene	U		0.00238	0.00500
1,2,3-Trimethylbenzene	U		0.00182	0.00500
1,3,5-Trimethylbenzene	U		0.00228	0.00500
Vinyl chloride	U		0.00201	0.00250
Xylenes, Total	U		0.00280	0.00650
(S) Toluene-d8	*97.0*			*75.0-131*
(S) 4-Bromofluorobenzene	*97.4*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*84.3*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R4324801-1 01/11/26 09:23

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	1.25	1.82	146	10.0-160	
Acrylonitrile	1.25	1.60	128	45.0-153	
Benzene	0.250	0.281	112	70.0-123	
Bromobenzene	0.250	0.264	106	73.0-121	
Bromodichloromethane	0.250	0.274	110	73.0-121	
Bromoform	0.250	0.240	96.0	64.0-132	

Laboratory Control Sample (LCS)

(LCS) R4324801-1 01/11/26 09:23

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromomethane	0.250	0.240	96.0	56.0-147	
n-Butylbenzene	0.250	0.249	99.6	68.0-135	
sec-Butylbenzene	0.250	0.253	101	74.0-130	
tert-Butylbenzene	0.250	0.253	101	75.0-127	
Carbon tetrachloride	0.250	0.283	113	66.0-128	
Chlorobenzene	0.250	0.265	106	76.0-128	
Chlorodibromomethane	0.250	0.262	105	74.0-127	
Chloroethane	0.250	0.275	110	61.0-134	
Chloroform	0.250	0.281	112	72.0-123	
Chloromethane	0.250	0.330	132	51.0-138	
2-Chlorotoluene	0.250	0.259	104	75.0-124	
4-Chlorotoluene	0.250	0.255	102	75.0-124	
1,2-Dibromo-3-Chloropropane	0.250	0.201	80.4	59.0-130	
1,2-Dibromoethane	0.250	0.258	103	74.0-128	
Dibromomethane	0.250	0.275	110	75.0-122	
1,2-Dichlorobenzene	0.250	0.242	96.8	76.0-124	
1,3-Dichlorobenzene	0.250	0.242	96.8	76.0-125	
1,4-Dichlorobenzene	0.250	0.238	95.2	77.0-121	
Dichlorodifluoromethane	0.250	0.254	102	43.0-156	
1,1-Dichloroethane	0.250	0.295	118	70.0-127	
1,2-Dichloroethane	0.250	0.238	95.2	65.0-131	
1,1-Dichloroethene	0.250	0.285	114	65.0-131	
cis-1,2-Dichloroethene	0.250	0.285	114	73.0-125	
trans-1,2-Dichloroethene	0.250	0.284	114	71.0-125	
1,2-Dichloropropane	0.250	0.301	120	74.0-125	
1,1-Dichloropropene	0.250	0.289	116	73.0-125	
1,3-Dichloropropane	0.250	0.264	106	80.0-125	
cis-1,3-Dichloropropene	0.250	0.298	119	76.0-127	
trans-1,3-Dichloropropene	0.250	0.277	111	73.0-127	
2,2-Dichloropropane	0.250	0.273	109	59.0-135	
Di-isopropyl ether	0.250	0.310	124	60.0-136	
Ethylbenzene	0.250	0.255	102	74.0-126	
Hexachloro-1,3-butadiene	0.250	0.212	84.8	57.0-150	
Isopropylbenzene	0.250	0.247	98.8	72.0-127	
p-Isopropyltoluene	0.250	0.248	99.2	72.0-133	
2-Butanone (MEK)	1.25	1.75	140	30.0-160	
Methylene Chloride	0.250	0.303	121	68.0-123	
4-Methyl-2-pentanone (MIBK)	1.25	1.37	110	56.0-143	
Methyl tert-butyl ether	0.250	0.301	120	66.0-132	
n-Propylbenzene	0.250	0.246	98.4	74.0-126	

Laboratory Control Sample (LCS)

(LCS) R4324801-1 01/11/26 09:23

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Styrene	0.250	0.254	102	72.0-127	
1,1,1,2-Tetrachloroethane	0.250	0.258	103	74.0-129	
1,1,2,2-Tetrachloroethane	0.250	0.243	97.2	68.0-128	
1,1,2-Trichlorotrifluoroethane	0.250	0.293	117	61.0-139	
Tetrachloroethene	0.250	0.252	101	70.0-136	
Toluene	0.250	0.263	105	75.0-121	
1,2,3-Trichlorobenzene	0.250	0.124	49.6	59.0-139	J4
1,2,4-Trichlorobenzene	0.250	0.154	61.6	62.0-137	J4
1,1,1-Trichloroethane	0.250	0.280	112	69.0-126	
1,1,2-Trichloroethane	0.250	0.262	105	78.0-123	
Trichloroethene	0.250	0.310	124	76.0-126	
Trichlorofluoromethane	0.250	0.285	114	61.0-142	
1,2,3-Trichloropropane	0.250	0.273	109	67.0-129	
1,2,4-Trimethylbenzene	0.250	0.253	101	70.0-126	
1,2,3-Trimethylbenzene	0.250	0.247	98.8	74.0-124	
1,3,5-Trimethylbenzene	0.250	0.255	102	73.0-127	
Vinyl chloride	0.250	0.264	106	63.0-134	
Xylenes, Total	0.750	0.773	103	72.0-127	
(S) Toluene-d8			*94.6*	*75.0-131*	
(S) 4-Bromofluorobenzene			*95.8*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*90.9*	*70.0-130*	

L1934213-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1934213-06 01/11/26 17:04 • (MS) R4324801-3 01/11/26 19:23 • (MSD) R4324801-4 01/11/26 19:43

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	1.25	ND	1.61	1.61	129	129	1	10.0-160			0.000	40
Acrylonitrile	1.25	ND	1.58	1.57	126	126	1	10.0-160			0.635	40
Benzene	0.250	ND	0.281	0.281	112	112	1	10.0-149			0.000	37
Bromobenzene	0.250	ND	0.260	0.269	104	108	1	10.0-156			3.40	38
Bromodichloromethane	0.250	ND	0.272	0.274	109	110	1	10.0-143			0.733	37
Bromoform	0.250	ND	0.223	0.221	89.2	88.4	1	10.0-146			0.901	36
Bromomethane	0.250	ND	0.134	0.144	53.6	57.6	1	10.0-149			7.19	38
n-Butylbenzene	0.250	ND	0.257	0.267	103	107	1	10.0-160			3.82	40
sec-Butylbenzene	0.250	ND	0.255	0.269	102	108	1	10.0-159			5.34	39
tert-Butylbenzene	0.250	ND	0.260	0.270	104	108	1	10.0-156			3.77	39
Carbon tetrachloride	0.250	ND	0.271	0.272	108	109	1	10.0-145			0.368	37
Chlorobenzene	0.250	ND	0.270	0.272	108	109	1	10.0-152			0.738	39

L1934213-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1934213-06 01/11/26 17:04 • (MS) R4324801-3 01/11/26 19:23 • (MSD) R4324801-4 01/11/26 19:43

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Chlorodibromomethane	0.250	ND	0.252	0.248	101	99.2	1	10.0-146			1.60	37
Chloroethane	0.250	ND	0.0721	0.0729	28.8	29.2	1	10.0-146			1.10	40
Chloroform	0.250	ND	0.279	0.284	112	114	1	10.0-146			1.78	37
Chloromethane	0.250	ND	0.308	0.307	123	123	1	10.0-159			0.325	37
2-Chlorotoluene	0.250	ND	0.255	0.268	102	107	1	10.0-159			4.97	38
4-Chlorotoluene	0.250	ND	0.259	0.260	104	104	1	10.0-155			0.385	39
1,2-Dibromo-3-Chloropropane	0.250	ND	0.177	0.178	70.8	71.2	1	10.0-151			0.563	39
1,2-Dibromoethane	0.250	ND	0.254	0.254	102	102	1	10.0-148			0.000	34
Dibromomethane	0.250	ND	0.264	0.264	106	106	1	10.0-147			0.000	35
1,2-Dichlorobenzene	0.250	ND	0.248	0.253	99.2	101	1	10.0-155			2.00	37
1,3-Dichlorobenzene	0.250	ND	0.248	0.255	99.2	102	1	10.0-153			2.78	38
1,4-Dichlorobenzene	0.250	ND	0.246	0.252	98.4	101	1	10.0-151			2.41	38
Dichlorodifluoromethane	0.250	ND	0.234	0.232	93.6	92.8	1	10.0-160			0.858	35
1,1-Dichloroethane	0.250	ND	0.290	0.293	116	117	1	10.0-147			1.03	37
1,2-Dichloroethane	0.250	ND	0.234	0.236	93.6	94.4	1	10.0-148			0.851	35
1,1-Dichloroethene	0.250	ND	0.270	0.274	108	110	1	10.0-155			1.47	37
cis-1,2-Dichloroethene	0.250	ND	0.286	0.286	114	114	1	10.0-149			0.000	37
trans-1,2-Dichloroethene	0.250	ND	0.268	0.272	107	109	1	10.0-150			1.48	37
1,2-Dichloropropane	0.250	ND	0.305	0.311	122	124	1	10.0-148			1.95	37
1,1-Dichloropropene	0.250	ND	0.281	0.279	112	112	1	10.0-153			0.714	35
1,3-Dichloropropane	0.250	ND	0.262	0.263	105	105	1	10.0-154			0.381	35
cis-1,3-Dichloropropene	0.250	ND	0.301	0.301	120	120	1	10.0-151			0.000	37
trans-1,3-Dichloropropene	0.250	ND	0.271	0.270	108	108	1	10.0-148			0.370	37
2,2-Dichloropropane	0.250	ND	0.261	0.261	104	104	1	10.0-138			0.000	36
Di-isopropyl ether	0.250	ND	0.318	0.318	127	127	1	10.0-147			0.000	36
Ethylbenzene	0.250	ND	0.265	0.267	106	107	1	10.0-160			0.752	38
Hexachloro-1,3-butadiene	0.250	ND	0.214	0.234	85.6	93.6	1	10.0-160			8.93	40
Isopropylbenzene	0.250	ND	0.255	0.259	102	104	1	10.0-155			1.56	38
p-Isopropyltoluene	0.250	ND	0.254	0.265	102	106	1	10.0-160			4.24	40
2-Butanone (MEK)	1.25	ND	1.73	1.69	138	135	1	10.0-160			2.34	40
Methylene Chloride	0.250	ND	0.298	0.295	119	118	1	10.0-141			1.01	37
4-Methyl-2-pentanone (MIBK)	1.25	ND	1.32	1.33	106	106	1	10.0-160			0.755	35
Methyl tert-butyl ether	0.250	ND	0.299	0.298	120	119	1	11.0-147			0.335	35
n-Propylbenzene	0.250	ND	0.254	0.259	102	104	1	10.0-158			1.95	38
Styrene	0.250	ND	0.253	0.255	101	102	1	10.0-160			0.787	40
1,1,1,2-Tetrachloroethane	0.250	ND	0.265	0.259	106	104	1	10.0-149			2.29	39
1,1,2,2-Tetrachloroethane	0.250	ND	0.224	0.225	89.6	90.0	1	10.0-160			0.445	35
1,1,2-Trichlorotrifluoroethane	0.250	ND	0.285	0.282	114	113	1	10.0-160			1.06	36
Tetrachloroethene	0.250	ND	0.254	0.258	102	103	1	10.0-156			1.56	39
Toluene	0.250	ND	0.264	0.266	106	106	1	10.0-156			0.755	38

L1934213-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1934213-06 01/11/26 17:04 • (MS) R4324801-3 01/11/26 19:23 • (MSD) R4324801-4 01/11/26 19:43

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,2,3-Trichlorobenzene	0.250	ND	0.0949	0.130	38.0	52.0	1	10.0-160			31.2	40
1,2,4-Trichlorobenzene	0.250	ND	0.152	0.172	60.8	68.8	1	10.0-160			12.3	40
1,1,1-Trichloroethane	0.250	ND	0.274	0.281	110	112	1	10.0-144			2.52	35
1,1,2-Trichloroethane	0.250	ND	0.258	0.258	103	103	1	10.0-160			0.000	35
Trichloroethene	0.250	ND	0.315	0.312	126	125	1	10.0-156			0.957	38
Trichlorofluoromethane	0.250	ND	0.0767	0.0780	30.7	31.2	1	10.0-160			1.68	40
1,2,3-Trichloropropane	0.250	ND	0.255	0.262	102	105	1	10.0-156			2.71	35
1,2,4-Trimethylbenzene	0.250	ND	0.264	0.266	106	106	1	10.0-160			0.755	36
1,2,3-Trimethylbenzene	0.250	ND	0.255	0.261	102	104	1	10.0-160			2.33	36
1,3,5-Trimethylbenzene	0.250	ND	0.259	0.265	104	106	1	10.0-160			2.29	38
Vinyl chloride	0.250	ND	0.254	0.256	102	102	1	10.0-160			0.784	37
Xylenes, Total	0.750	ND	0.797	0.810	106	108	1	10.0-160			1.62	38
(S) Toluene-d8					*94.8*	*95.1*		*75.0-131*				
(S) 4-Bromofluorobenzene					*97.0*	*95.4*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*89.7*	*89.5*		*70.0-130*				

Method Blank (MB)

(MB) R4326067-3 01/16/26 21:54

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Naphthalene	U		0.00763	0.0125
(S) Toluene-d8	*101*			*75.0-131*
(S) 4-Bromofluorobenzene	*96.3*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*102*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4326067-1 01/16/26 20:20 • (LCSD) R4326067-2 01/16/26 20:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.250	0.203	0.189	81.2	75.6	59.0-130			7.14	20
(S) Toluene-d8				*96.6*	*99.3*	*75.0-131*				
(S) 4-Bromofluorobenzene				*94.9*	*96.1*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*115*	*116*	*70.0-130*				

Method Blank (MB)

(MB) R4325213-4 01/14/26 22:37

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0469	0.0500
Acrolein	U		0.0250	0.0500
Acrylonitrile	U		0.00809	0.0100
Benzene	U		0.000320	0.00100
Bromobenzene	U		0.000277	0.00100
Bromodichloromethane	U		0.000371	0.00100
Bromoform	U		0.000548	0.00100
Bromomethane	U		0.00485	0.00500
n-Butylbenzene	U		0.000516	0.00100
sec-Butylbenzene	U		0.000355	0.00100
tert-Butylbenzene	U		0.000314	0.00100
Carbon tetrachloride	U		0.000360	0.00100
Chlorobenzene	U		0.000266	0.00100
Chlorodibromomethane	U		0.000398	0.00100
Chloroethane	U		0.00279	0.00500
Chloroform	U		0.00128	0.00500
Chloromethane	U		0.00170	0.00500
2-Chlorotoluene	U		0.000273	0.00100
4-Chlorotoluene	U		0.000256	0.00100
1,2-Dibromo-3-Chloropropane	U		0.00125	0.00500
1,2-Dibromoethane	U		0.000341	0.00100
Dibromomethane	U		0.000422	0.00100
1,2-Dichlorobenzene	U		0.000304	0.00100
1,3-Dichlorobenzene	U		0.000282	0.00100
1,4-Dichlorobenzene	U		0.000277	0.00100
Dichlorodifluoromethane	U		0.00241	0.00500
1,1-Dichloroethane	U		0.000389	0.00100
1,2-Dichloroethane	U		0.000395	0.00100
1,1-Dichloroethene	U		0.000422	0.00100
cis-1,2-Dichloroethene	U		0.000323	0.00100
trans-1,2-Dichloroethene	U		0.000348	0.00100
1,2-Dichloropropane	U		0.000427	0.00100
1,1-Dichloropropene	U		0.000359	0.00100
1,3-Dichloropropane	U		0.000283	0.00100
cis-1,3-Dichloropropene	U		0.000348	0.00100
trans-1,3-Dichloropropene	U		0.000313	0.00100
2,2-Dichloropropane	U		0.000463	0.00100
Di-isopropyl ether	U		0.000105	0.00100
Ethylbenzene	U		0.000234	0.00100
Hexachloro-1,3-butadiene	U		0.000650	0.00200

Method Blank (MB)

(MB) R4325213-4 01/14/26 22:37

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000345	0.00100
2-Butanone (MEK)	U		0.00900	0.0200
Methylene Chloride	U		0.00148	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200
Methyl tert-butyl ether	U		0.000357	0.00100
n-Propylbenzene	U		0.000239	0.00100
Styrene	0.000411	J	0.000342	0.00100
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100
1,1,2-Trichlorotrifluoroethane	U		0.000643	0.00100
Tetrachloroethene	U		0.000358	0.00100
Toluene	U		0.000274	0.00100
1,2,3-Trichlorobenzene	U		0.000935	0.00100
1,2,4-Trichlorobenzene	U		0.000691	0.00200
1,1,1-Trichloroethane	U		0.000336	0.00100
1,1,2-Trichloroethane	U		0.000375	0.00100
Trichloroethene	U		0.000383	0.00100
Trichlorofluoromethane	U		0.00304	0.00500
1,2,3-Trichloropropane	U		0.000602	0.00250
1,2,4-Trimethylbenzene	0.000555	J	0.000274	0.00200
1,2,3-Trimethylbenzene	U		0.000339	0.00100
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Vinyl chloride	U		0.000458	0.00100
Xylenes, Total	U		0.000319	0.00300
(S) Toluene-d8	*98.2*			*80.0-120*
(S) 4-Bromofluorobenzene	*92.2*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4325213-1 01/14/26 20:11 • (LCSD) R4325213-2 01/14/26 20:32

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0500	0.0402	0.0388	80.4	77.6	19.0-160	J	J	3.54	27
Acrolein	0.0500	0.0541	0.0497	108	99.4	10.0-160		J	8.48	26
Acrylonitrile	0.0500	0.0587	0.0557	117	111	55.0-149			5.24	20
Benzene	0.0100	0.0100	0.00991	100	99.1	70.0-123			0.904	20
Bromobenzene	0.0100	0.00993	0.00968	99.3	96.8	73.0-121			2.55	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4325213-1 01/14/26 20:11 • (LCSD) R4325213-2 01/14/26 20:32

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromodichloromethane	0.0100	0.0106	0.0104	106	104	75.0-120			1.90	20
Bromoform	0.0100	0.0117	0.0107	117	107	68.0-132			8.93	20
Bromomethane	0.0100	0.00695	0.00687	69.5	68.7	10.0-160			1.16	25
n-Butylbenzene	0.0100	0.00921	0.00931	92.1	93.1	73.0-125			1.08	20
sec-Butylbenzene	0.0100	0.00987	0.0100	98.7	100	75.0-125			1.31	20
tert-Butylbenzene	0.0100	0.00998	0.0101	99.8	101	76.0-124			1.20	20
Carbon tetrachloride	0.0100	0.00994	0.0101	99.4	101	68.0-126			1.60	20
Chlorobenzene	0.0100	0.0108	0.0101	108	101	80.0-121			6.70	20
Chlorodibromomethane	0.0100	0.0110	0.0104	110	104	77.0-125			5.61	20
Chloroethane	0.0100	0.0116	0.0116	116	116	47.0-150			0.000	20
Chloroform	0.0100	0.0104	0.00988	104	98.8	73.0-120			5.13	20
Chloromethane	0.0100	0.00730	0.00713	73.0	71.3	41.0-142			2.36	20
2-Chlorotoluene	0.0100	0.0101	0.0100	101	100	76.0-123			0.995	20
4-Chlorotoluene	0.0100	0.00981	0.00966	98.1	96.6	75.0-122			1.54	20
1,2-Dibromo-3-Chloropropane	0.0100	0.00954	0.00919	95.4	91.9	58.0-134			3.74	20
1,2-Dibromoethane	0.0100	0.0111	0.0104	111	104	80.0-122			6.51	20
Dibromomethane	0.0100	0.0109	0.0102	109	102	80.0-120			6.64	20
1,2-Dichlorobenzene	0.0100	0.0112	0.0109	112	109	79.0-121			2.71	20
1,3-Dichlorobenzene	0.0100	0.0110	0.0107	110	107	79.0-120			2.76	20
1,4-Dichlorobenzene	0.0100	0.0109	0.0108	109	108	79.0-120			0.922	20
Dichlorodifluoromethane	0.0100	0.0108	0.0124	108	124	51.0-149			13.8	20
1,1-Dichloroethane	0.0100	0.0102	0.0100	102	100	70.0-126			1.98	20
1,2-Dichloroethane	0.0100	0.0109	0.0103	109	103	70.0-128			5.66	20
1,1-Dichloroethene	0.0100	0.00829	0.00865	82.9	86.5	71.0-124			4.25	20
cis-1,2-Dichloroethene	0.0100	0.00893	0.00894	89.3	89.4	73.0-120			0.112	20
trans-1,2-Dichloroethene	0.0100	0.00949	0.0100	94.9	100	73.0-120			5.23	20
1,2-Dichloropropane	0.0100	0.0109	0.0104	109	104	77.0-125			4.69	20
1,1-Dichloropropene	0.0100	0.00918	0.00938	91.8	93.8	74.0-126			2.16	20
1,3-Dichloropropane	0.0100	0.0104	0.00999	104	99.9	80.0-120			4.02	20
cis-1,3-Dichloropropene	0.0100	0.00992	0.00940	99.2	94.0	80.0-123			5.38	20
trans-1,3-Dichloropropene	0.0100	0.0100	0.00969	100	96.9	78.0-124			3.15	20
2,2-Dichloropropane	0.0100	0.00881	0.00954	88.1	95.4	58.0-130			7.96	20
Di-isopropyl ether	0.0100	0.0102	0.0101	102	101	58.0-138			0.985	20
Ethylbenzene	0.0100	0.0108	0.0107	108	107	79.0-123			0.930	20
Hexachloro-1,3-butadiene	0.0100	0.0103	0.0108	103	108	54.0-138			4.74	20
Isopropylbenzene	0.0100	0.0112	0.0105	112	105	76.0-127			6.45	20
p-Isopropyltoluene	0.0100	0.0100	0.0102	100	102	76.0-125			1.98	20
2-Butanone (MEK)	0.0500	0.0495	0.0464	99.0	92.8	44.0-160			6.47	20
Methylene Chloride	0.0100	0.0105	0.0103	105	103	67.0-120			1.92	20
4-Methyl-2-pentanone (MIBK)	0.0500	0.0561	0.0525	112	105	68.0-142			6.63	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4325213-1 01/14/26 20:11 • (LCSD) R4325213-2 01/14/26 20:32

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Methyl tert-butyl ether	0.0100	0.0105	0.0104	105	104	68.0-125			0.957	20
n-Propylbenzene	0.0100	0.00976	0.00954	97.6	95.4	77.0-124			2.28	20
Styrene	0.0100	0.0109	0.00995	109	99.5	73.0-130			9.11	20
1,1,1,2-Tetrachloroethane	0.0100	0.0104	0.0102	104	102	75.0-125			1.94	20
1,1,2,2-Tetrachloroethane	0.0100	0.0101	0.0104	101	104	65.0-130			2.93	20
1,1,2-Trichlorotrifluoroethane	0.0100	0.00922	0.0106	92.2	106	69.0-132			13.9	20
Tetrachloroethene	0.0100	0.0112	0.0112	112	112	72.0-132			0.000	20
Toluene	0.0100	0.00995	0.00969	99.5	96.9	79.0-120			2.65	20
1,2,3-Trichlorobenzene	0.0100	0.00887	0.00906	88.7	90.6	50.0-138			2.12	20
1,2,4-Trichlorobenzene	0.0100	0.00833	0.00844	83.3	84.4	57.0-137			1.31	20
1,1,1-Trichloroethane	0.0100	0.0103	0.0101	103	101	73.0-124			1.96	20
1,1,2-Trichloroethane	0.0100	0.0109	0.0100	109	100	80.0-120			8.61	20
Trichloroethene	0.0100	0.0112	0.0104	112	104	78.0-124			7.41	20
Trichlorofluoromethane	0.0100	0.00992	0.0109	99.2	109	59.0-147			9.41	20
1,2,3-Trichloropropane	0.0100	0.0120	0.0112	120	112	73.0-130			6.90	20
1,2,4-Trimethylbenzene	0.0100	0.0104	0.0101	104	101	76.0-121			2.93	20
1,2,3-Trimethylbenzene	0.0100	0.0105	0.0103	105	103	77.0-120			1.92	20
1,3,5-Trimethylbenzene	0.0100	0.0102	0.0102	102	102	76.0-122			0.000	20
Vinyl chloride	0.0100	0.0105	0.0106	105	106	67.0-131			0.948	20
Xylenes, Total	0.0300	0.0334	0.0314	111	105	79.0-123			6.17	20
(S) Toluene-d8				*98.9*	*97.9*	*80.0-120*				
(S) 4-Bromofluorobenzene				*104*	*95.4*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*100*	*105*	*70.0-130*				

Method Blank (MB)

(MB) R4325577-4 01/15/26 20:53

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Naphthalene	U		0.00264	0.00500
(S) Toluene-d8	*98.4*			*80.0-120*
(S) 4-Bromofluorobenzene	*98.9*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4325577-1 01/15/26 17:37 • (LCSD) R4325577-2 01/15/26 17:58

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.0100	0.00967	0.0101	96.7	101	54.0-135			4.35	20
(S) Toluene-d8				*97.0*	*97.2*	*80.0-120*				
(S) 4-Bromofluorobenzene				*98.5*	*98.6*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*105*	*104*	*70.0-130*				

Method Blank (MB)

(MB) R4324311-1 01/13/26 11:13

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C10-C28 Diesel Range	U		1.61	4.00
C28-C40 Oil Range	U		0.274	4.00
(S) o-Terphenyl	*94.7*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R4324311-2 01/13/26 11:26

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C10-C28 Diesel Range	50.0	46.8	93.6	50.0-150	
(S) o-Terphenyl			*109*	*18.0-148*	

L1934214-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1934214-01 01/13/26 13:31 • (MS) R4324311-3 01/13/26 13:43 • (MSD) R4324311-4 01/13/26 13:56

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C10-C28 Diesel Range	47.3	113	165	156	110	90.7	10	50.0-150			5.61	20
(S) o-Terphenyl					*78.4*	*88.0*		*18.0-148*				

Method Blank (MB)

(MB) R4324528-3 01/13/26 20:55

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acenaphthene	U		0.000246	0.00100
Acenaphthylene	U		0.000265	0.00100
Anthracene	U		0.000196	0.00100
Benzidine	U		0.0103	0.0200
Benzo(a)anthracene	U		0.000208	0.00100
Benzo(b)fluoranthene	U		0.000280	0.00100
Benzo(k)fluoranthene	U		0.000247	0.00100
Benzo(g,h,i)perylene	U		0.000254	0.00100
Benzo(a)pyrene	U		0.000128	0.00100
Bis(2-chlorethoxy)methane	U		0.00188	0.0100
Bis(2-chloroethyl)ether	U		0.00205	0.0100
2,2-Oxybis(1-Chloropropane)	U		0.00191	0.0100
4-Bromophenyl-phenylether	U		0.00267	0.0100
2-Chloronaphthalene	U		0.000259	0.00100
4-Chlorophenyl-phenylether	U		0.00222	0.0100
Chrysene	0.000476	J	0.000279	0.00100
Dibenz(a,h)anthracene	U		0.000148	0.00100
1,2-Dichlorobenzene	U		0.00220	0.0100
1,3-Dichlorobenzene	U		0.00221	0.0100
1,4-Dichlorobenzene	U		0.00223	0.0100
3,3-Dichlorobenzidine	U		0.00758	0.0100
2,4-Dinitrotoluene	U		0.00187	0.0100
2,6-Dinitrotoluene	U		0.00186	0.0100
Fluoranthene	U		0.000229	0.00100
Fluorene	U		0.000277	0.00100
Hexachlorobenzene	U		0.000259	0.00100
Hexachloro-1,3-butadiene	U		0.00227	0.0100
Hexachlorocyclopentadiene	U		0.00281	0.0100
Hexachloroethane	U		0.00215	0.0100
Indeno(1,2,3-cd)pyrene	U		0.000285	0.00100
Isophorone	U		0.00172	0.0100
Naphthalene	U		0.000678	0.00100
Nitrobenzene	U		0.00197	0.0100
n-Nitrosodimethylamine	U		0.00280	0.0100
n-Nitrosodiphenylamine	U		0.00202	0.0100
n-Nitrosodi-n-propylamine	U		0.00202	0.0100
Phenanthrene	U		0.000219	0.00100
Benzylbutyl phthalate	U		0.00113	0.00300
Bis(2-ethylhexyl)phthalate	U		0.00165	0.00300
Di-n-butyl phthalate	U		0.000794	0.00300

Method Blank (MB)

(MB) R4324528-3 01/13/26 20:55

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Diethyl phthalate	U		0.000861	0.00300
Dimethyl phthalate	U		0.000772	0.00300
Di-n-octyl phthalate	U		0.00133	0.00300
Pyrene	U		0.000259	0.00100
1,2,4-Trichlorobenzene	U		0.00230	0.0100
4-Chloro-3-methylphenol	U		0.00228	0.0100
2-Chlorophenol	U		0.00211	0.0100
2,4-Dichlorophenol	U		0.00241	0.0100
2,4-Dimethylphenol	U		0.00433	0.0100
4,6-Dinitro-2-methylphenol	U		0.00349	0.0100
2,4-Dinitrophenol	U		0.00571	0.0100
2-Nitrophenol	U		0.00260	0.0100
4-Nitrophenol	U		0.00755	0.0100
Pentachlorophenol	U		0.000708	0.0100
Phenol	U		0.000757	0.0100
2,4,6-Trichlorophenol	U		0.00238	0.0100
(S) 2-Fluorophenol	*52.5*			*10.0-120*
(S) Phenol-d5	*36.3*			*10.0-120*
(S) Nitrobenzene-d5	*76.8*			*10.0-127*
(S) 2-Fluorobiphenyl	*70.8*			*10.0-130*
(S) 2,4,6-Tribromophenol	*83.0*			*10.0-155*
(S) p-Terphenyl-d14	*93.5*			*10.0-128*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4324528-1 01/13/26 20:12 • (LCSD) R4324528-2 01/13/26 20:34

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.0500	0.0400	0.0410	80.0	82.0	41.0-120			2.47	22
Acenaphthylene	0.0500	0.0455	0.0468	91.0	93.6	43.0-120			2.82	22
Anthracene	0.0500	0.0397	0.0418	79.4	83.6	45.0-120			5.15	20
Benzidine	0.100	U	U	0.000	0.000	10.0-120	J4	J4	0.000	36
Benzo(a)anthracene	0.0500	0.0426	0.0435	85.2	87.0	47.0-120			2.09	20
Benzo(b)fluoranthene	0.0500	0.0483	0.0491	96.6	98.2	46.0-120			1.64	20
Benzo(k)fluoranthene	0.0500	0.0461	0.0475	92.2	95.0	46.0-120			2.99	21
Benzo(g,h,i)perylene	0.0500	0.0412	0.0404	82.4	80.8	48.0-121			1.96	20
Benzo(a)pyrene	0.0500	0.0414	0.0416	82.8	83.2	47.0-120			0.482	20
Bis(2-chlorethoxy)methane	0.0500	0.0351	0.0352	70.2	70.4	33.0-120			0.284	24
Bis(2-chloroethyl)ether	0.0500	0.0361	0.0359	72.2	71.8	23.0-120			0.556	33

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4324528-1 01/13/26 20:12 • (LCSD) R4324528-2 01/13/26 20:34

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
2,2-Oxybis(1-Chloropropane)	0.0500	0.0371	0.0378	74.2	75.6	28.0-120			1.87	31
4-Bromophenyl-phenylether	0.0500	0.0477	0.0488	95.4	97.6	45.0-120			2.28	20
2-Chloronaphthalene	0.0500	0.0391	0.0389	78.2	77.8	37.0-120			0.513	25
4-Chlorophenyl-phenylether	0.0500	0.0442	0.0439	88.4	87.8	44.0-120			0.681	20
Chrysene	0.0500	0.0457	0.0471	91.4	94.2	48.0-120			3.02	20
Dibenz(a,h)anthracene	0.0500	0.0482	0.0471	96.4	94.2	47.0-120			2.31	20
1,2-Dichlorobenzene	0.0500	0.0325	0.0329	65.0	65.8	20.0-120			1.22	34
1,3-Dichlorobenzene	0.0500	0.0315	0.0328	63.0	65.6	17.0-120			4.04	35
1,4-Dichlorobenzene	0.0500	0.0332	0.0335	66.4	67.0	18.0-120			0.900	34
3,3-Dichlorobenzidine	0.100	0.0719	0.0725	71.9	72.5	44.0-120			0.831	20
2,4-Dinitrotoluene	0.0500	0.0465	0.0466	93.0	93.2	49.0-124			0.215	20
2,6-Dinitrotoluene	0.0500	0.0449	0.0457	89.8	91.4	46.0-120			1.77	21
Fluoranthene	0.0500	0.0473	0.0483	94.6	96.6	51.0-120			2.09	20
Fluorene	0.0500	0.0443	0.0445	88.6	89.0	47.0-120			0.450	20
Hexachlorobenzene	0.0500	0.0470	0.0476	94.0	95.2	44.0-120			1.27	20
Hexachloro-1,3-butadiene	0.0500	0.0279	0.0287	55.8	57.4	19.0-120			2.83	32
Hexachlorocyclopentadiene	0.0500	0.0341	0.0348	68.2	69.6	15.0-120			2.03	31
Hexachloroethane	0.0500	0.0328	0.0336	65.6	67.2	15.0-120			2.41	37
Indeno(1,2,3-cd)pyrene	0.0500	0.0515	0.0493	103	98.6	49.0-122			4.37	20
Isophorone	0.0500	0.0384	0.0389	76.8	77.8	36.0-120			1.29	23
Naphthalene	0.0500	0.0299	0.0310	59.8	62.0	27.0-120			3.61	27
Nitrobenzene	0.0500	0.0326	0.0328	65.2	65.6	27.0-120			0.612	29
n-Nitrosodimethylamine	0.0500	0.0328	0.0320	65.6	64.0	10.0-120			2.47	40
n-Nitrosodiphenylamine	0.0500	0.0348	0.0341	69.6	68.2	47.0-120			2.03	20
n-Nitrosodi-n-propylamine	0.0500	0.0478	0.0473	95.6	94.6	31.0-120			1.05	28
Phenanthrene	0.0500	0.0436	0.0450	87.2	90.0	46.0-120			3.16	20
Benzylbutyl phthalate	0.0500	0.0425	0.0438	85.0	87.6	43.0-121			3.01	20
Bis(2-ethylhexyl)phthalate	0.0500	0.0419	0.0426	83.8	85.2	43.0-122			1.66	20
Di-n-butyl phthalate	0.0500	0.0475	0.0479	95.0	95.8	49.0-121			0.839	20
Diethyl phthalate	0.0500	0.0473	0.0467	94.6	93.4	48.0-122			1.28	20
Dimethyl phthalate	0.0500	0.0461	0.0463	92.2	92.6	48.0-120			0.433	20
Di-n-octyl phthalate	0.0500	0.0430	0.0438	86.0	87.6	42.0-125			1.84	20
Pyrene	0.0500	0.0447	0.0467	89.4	93.4	47.0-120			4.38	20
1,2,4-Trichlorobenzene	0.0500	0.0291	0.0301	58.2	60.2	24.0-120			3.38	29
4-Chloro-3-methylphenol	0.0500	0.0424	0.0426	84.8	85.2	40.0-120			0.471	21
2-Chlorophenol	0.0500	0.0362	0.0370	72.4	74.0	25.0-120			2.19	35
2,4-Dichlorophenol	0.0500	0.0371	0.0379	74.2	75.8	36.0-120			2.13	26
2,4-Dimethylphenol	0.0500	0.0373	0.0362	74.6	72.4	33.0-120			2.99	26
4,6-Dinitro-2-methylphenol	0.0500	0.0434	0.0452	86.8	90.4	38.0-138			4.06	25
2,4-Dinitrophenol	0.0500	0.0404	0.0418	80.8	83.6	10.0-120			3.41	39

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4324528-1 01/13/26 20:12 • (LCSD) R4324528-2 01/13/26 20:34

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
2-Nitrophenol	0.0500	0.0377	0.0389	75.4	77.8	31.0-120			3.13	29
4-Nitrophenol	0.0500	0.0222	0.0226	44.4	45.2	10.0-120			1.79	33
Pentachlorophenol	0.0500	0.0239	0.0254	47.8	50.8	23.0-120			6.09	25
Phenol	0.0500	0.0186	0.0187	37.2	37.4	10.0-120			0.536	36
2,4,6-Trichlorophenol	0.0500	0.0479	0.0486	95.8	97.2	42.0-120			1.45	23
(S) 2-Fluorophenol				*53.5*	*54.0*	*10.0-120*				
(S) Phenol-d5				*37.8*	*37.7*	*10.0-120*				
(S) Nitrobenzene-d5				*69.5*	*70.5*	*10.0-127*				
(S) 2-Fluorobiphenyl				*77.9*	*80.6*	*10.0-130*				
(S) 2,4,6-Tribromophenol				*92.0*	*96.5*	*10.0-155*				
(S) p-Terphenyl-d14				*89.2*	*91.4*	*10.0-128*				

Method Blank (MB)

(MB) R4323929-2 01/12/26 13:23

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00163	0.00600
Acenaphthene	U		0.00162	0.00600
Acenaphthylene	U		0.00159	0.00600
Benzo(a)anthracene	U		0.00200	0.00600
Benzo(a)pyrene	U		0.00163	0.00600
Benzo(b)fluoranthene	U		0.00275	0.00600
Benzo(g,h,i)perylene	U		0.00193	0.00600
Benzo(k)fluoranthene	U		0.00213	0.00600
Chrysene	U		0.00206	0.00600
Dibenz(a,h)anthracene	U		0.00201	0.00600
Fluoranthene	U		0.00239	0.00600
Fluorene	U		0.00180	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00234	0.00600
Naphthalene	U		0.00579	0.0200
Phenanthrene	U		0.00305	0.00600
Pyrene	U		0.00205	0.00600
1-Methylnaphthalene	U		0.00219	0.0200
2-Methylnaphthalene	U		0.00571	0.0200
2-Chloronaphthalene	U		0.00129	0.0200
(S) p-Terphenyl-d14	*98.1*			*23.0-120*
(S) 2-Fluorobiphenyl	*98.8*			*34.0-125*
(S) 2-Methylnaphthalene-d10	*93.2*			*50.0-150*

Laboratory Control Sample (LCS)

(LCS) R4323929-1 01/12/26 13:06

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0680	85.0	50.0-126	
Acenaphthene	0.0800	0.0658	82.3	50.0-120	
Acenaphthylene	0.0800	0.0696	87.0	50.0-120	
Benzo(a)anthracene	0.0800	0.0706	88.3	45.0-120	
Benzo(a)pyrene	0.0800	0.0601	75.1	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0763	95.4	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0701	87.6	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0717	89.6	49.0-125	
Chrysene	0.0800	0.0711	88.9	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0686	85.8	47.0-125	
Fluoranthene	0.0800	0.0678	84.8	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R4323929-1 01/12/26 13:06

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0737	92.1	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0691	86.4	46.0-125	
Naphthalene	0.0800	0.0699	87.4	50.0-120	
Phenanthrene	0.0800	0.0711	88.9	47.0-120	
Pyrene	0.0800	0.0698	87.3	43.0-123	
1-Methylnaphthalene	0.0800	0.0705	88.1	51.0-121	
2-Methylnaphthalene	0.0800	0.0716	89.5	50.0-120	
2-Chloronaphthalene	0.0800	0.0739	92.4	50.0-120	
(S) p-Terphenyl-d14			*98.3*	*23.0-120*	
(S) 2-Fluorobiphenyl			*99.2*	*34.0-125*	
(S) 2-Methylnaphthalene-d10			*97.5*	*50.0-150*	

L1934224-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1934224-02 01/12/26 15:25 • (MS) R4323929-3 01/12/26 15:43 • (MSD) R4323929-4 01/12/26 16:00

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0784	ND	0.0687	0.0677	87.6	85.9	1	10.0-145			1.47	30
Acenaphthene	0.0784	ND	0.0642	0.0635	81.9	80.6	1	14.0-127			1.10	27
Acenaphthylene	0.0784	ND	0.0660	0.0653	84.2	82.9	1	21.0-124			1.07	25
Benzo(a)anthracene	0.0784	ND	0.0711	0.0674	90.7	85.5	1	10.0-139			5.34	30
Benzo(a)pyrene	0.0784	ND	0.0659	0.0636	84.1	80.7	1	10.0-141			3.55	31
Benzo(b)fluoranthene	0.0784	ND	0.0690	0.0674	88.0	85.5	1	10.0-140			2.35	36
Benzo(g,h,i)perylene	0.0784	ND	0.0616	0.0595	78.6	75.5	1	10.0-140			3.47	33
Benzo(k)fluoranthene	0.0784	ND	0.0647	0.0619	82.5	78.6	1	10.0-137			4.42	31
Chrysene	0.0784	ND	0.0675	0.0661	86.1	83.9	1	10.0-145			2.10	30
Dibenz(a,h)anthracene	0.0784	ND	0.0626	0.0595	79.8	75.5	1	10.0-132			5.08	31
Fluoranthene	0.0784	ND	0.0686	0.0669	87.5	84.9	1	10.0-153			2.51	33
Fluorene	0.0784	ND	0.0837	0.0828	107	105	1	11.0-130			1.08	29
Indeno(1,2,3-cd)pyrene	0.0784	ND	0.0630	0.0604	80.4	76.6	1	10.0-137			4.21	32
Naphthalene	0.0784	ND	0.0743	0.0733	94.8	93.0	1	10.0-135			1.36	27
Phenanthrene	0.0784	0.0270	0.0851	0.0844	74.1	72.8	1	10.0-144			0.826	31
Pyrene	0.0784	0.0533	0.0960	0.0925	54.5	49.7	1	10.0-148			3.71	35
1-Methylnaphthalene	0.0784	0.0552	0.0954	0.0962	51.3	52.0	1	10.0-142			0.835	28
2-Methylnaphthalene	0.0784	ND	0.0691	0.0668	88.1	84.8	1	10.0-137			3.38	28
2-Chloronaphthalene	0.0784	ND	0.0685	0.0660	87.4	83.8	1	29.0-120			3.72	24
(S) p-Terphenyl-d14					*94.1*	*90.4*		*23.0-120*				
(S) 2-Fluorobiphenyl					*90.2*	*87.0*		*34.0-125*				
(S) 2-Methylnaphthalene-d10					*94.0*	*90.5*		*50.0-150*				

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J4	The associated batch QC was outside the established quality control range for accuracy.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
Lear Environmental Consulting

532 Trails End Lane
Sevierville, TN 37876

Billing Information:
Paul Lear
532 Trails End Lane
Sevierville, TN 37876

Report to:
Paul Lear

Email To: paulrlear@gmail.com

Project Description: OSTEGO STREET TREATABILITY

City/State Collected: SEVIERVILLE, TN

Please Circle: PT MT CT (ET)

Regulatory Program(DOD,RCRA,DW,etc): NY CERTIFICATION

Client Project #

Lab Project #

Collected by (print): PAUL R. LEAR

Site/Facility ID #

P.O. #

Collected by (signature): Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day ✓ STD TAT

Quote #

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	DRORLA,SV8270PAHSIM 4ozClr-NoPres	SPLP VOCs, SVOCs 1L-Clr-NoPres	V8260 4ozClr-NoPres AMBER-MEOH								
OS-101	GRAB	Leachate	N/A	1/8/25	0610	1		X									-01
OS-102		Leachate			0613	1		X									-02
OS-103		Leachate			0615	1		X									-03
OS-104		Leachate			0617	1		X									-04
OS-105		Leachate			0620	1		X									-05
OS-106		Leachate			0624	1		X									-06
OS-107		Leachate			0626	1		X									-07
OS-108		Leachate			0630	1		X									-08
OS-1 COMP RR 1/9	COMP	SS			0645	3	X	X	X								-09/10
		SS				2	X		X	PM	1/8/25						

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN

12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # L1934239

F179

Acctnum: LEAENVSTN
Template: T286624
Prelogin: P1200301
PM: 841 - Kelly Mercer
PB: AGN 1-6

Shipped Via: FedEX Ground

Remarks	Sample # (lab only)
	-01
	-02
	-03
	-04
	-05
	-06
	-07
	-08
	-09/10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other ___

Remarks:

pH ___ Temp ___
Flow ___ Other ___

Samples returned via: __ UPS __ FedEx __ Courier ___

Tracking # 8877 3580 7563

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: ✓ Y __N
Bottles arrive intact: ✓ Y __N
Correct bottles used: ✓ Y __N
Sufficient volume sent: ✓ Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: ✓ Y __N
RAD Screen <0.5 mR/hr: ✓ Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	1/8/25	0930	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / (No) HCL / MeoH TBR

Temp: °C Bottles Received: TUCI 5.1 10-5.1 11

Date: 1/9/26 Time: 8:30

If preservation required by Login: Date/Time

Hold:

Condition: NCF / (OK)

ANALYTICAL REPORT

February 17, 2026

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Lear Environmental Consulting

Sample Delivery Group:	L1941599
Samples Received:	02/05/2026
Project Number:	
Description:	Ostego Street Treatability

Report To:

Paul Lear
532 Trails End Lane
Sevierville, TN 37876

Entire Report Reviewed By:

Kelly Mercer
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

TABLE OF CONTENTS

Cp: Cover Page 1

Tc: Table of Contents 2

Ss: Sample Summary 3

Cn: Case Narrative 5

Sr: Sample Results 6

ANS-OS-1 COMP L1941599-01 6

ANS-OS101 L1941599-02 9

ANS-OS102 L1941599-03 12

ANS-OS103 L1941599-04 15

ANS-OS104 L1941599-05 18

ANS-OS105 L1941599-06 21

ANS-OS106 L1941599-07 24

ANS-OS107 L1941599-08 27

ANS-OS108 L1941599-09 30

Qc: Quality Control Summary 33

Volatile Organic Compounds (GC/MS) by Method 8260D 33

Semi Volatile Organic Compounds (GC/MS) by Method 8270E 41

Gl: Glossary of Terms 45

Al: Accreditations & Locations 46

Sc: Sample Chain of Custody 47

ANS-OS-1 COMP L1941599-01

Collected by: Paul R. Lear | Collected date/time: 02/01/26 12:30 | Received date/time: 02/05/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2689185	1	02/08/26 06:25	02/08/26 06:25	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2687447	1	02/08/26 06:53	02/13/26 23:38	JRM	Mt. Juliet, TN

ANS-OS101 L1941599-02

Collected by: Paul R. Lear | Collected date/time: 02/01/26 12:30 | Received date/time: 02/05/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2689185	1	02/08/26 06:45	02/08/26 06:45	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2687447	1	02/08/26 06:53	02/10/26 17:06	VDR	Mt. Juliet, TN

ANS-OS102 L1941599-03

Collected by: Paul R. Lear | Collected date/time: 02/01/26 12:30 | Received date/time: 02/05/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2689185	1	02/08/26 07:06	02/08/26 07:06	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2687447	1	02/08/26 06:53	02/10/26 17:28	VDR	Mt. Juliet, TN

ANS-OS103 L1941599-04

Collected by: Paul R. Lear | Collected date/time: 02/01/26 12:30 | Received date/time: 02/05/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2689185	1	02/08/26 07:27	02/08/26 07:27	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2687447	1	02/08/26 06:53	02/10/26 17:49	VDR	Mt. Juliet, TN

ANS-OS104 L1941599-05

Collected by: Paul R. Lear | Collected date/time: 02/01/26 12:30 | Received date/time: 02/05/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2689185	1	02/08/26 07:48	02/08/26 07:48	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2687447	1	02/08/26 06:53	02/10/26 18:11	VDR	Mt. Juliet, TN

ANS-OS105 L1941599-06

Collected by: Paul R. Lear | Collected date/time: 02/01/26 12:30 | Received date/time: 02/05/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2689185	1	02/08/26 08:09	02/08/26 08:09	WHS	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2687447	1	02/08/26 06:53	02/10/26 18:33	VDR	Mt. Juliet, TN

ANS-OS106 L1941599-07

Collected by: Paul R. Lear | Collected date/time: 02/01/26 12:30 | Received date/time: 02/05/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2689186	1	02/07/26 13:48	02/07/26 13:48	DYW	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2687447	1	02/08/26 06:53	02/10/26 18:55	VDR	Mt. Juliet, TN

SAMPLE SUMMARY

ANS-OS107 L1941599-08

Collected by: Paul R. Lear
Collected date/time: 02/01/26 12:30
Received date/time: 02/05/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2689186	1	02/07/26 14:08	02/07/26 14:08	DYW	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2687447	1	02/08/26 06:53	02/10/26 19:17	VDR	Mt. Juliet, TN

ANS-OS108 L1941599-09

Collected by: Paul R. Lear
Collected date/time: 02/01/26 12:30
Received date/time: 02/05/26 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG2689186	1	02/07/26 14:29	02/07/26 14:29	DYW	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270E	WG2687447	1	02/08/26 06:53	02/10/26 19:38	VDR	Mt. Juliet, TN

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Kelly Mercer
Project Manager

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	02/08/2026 06:25	WG2689185
Acrolein	ND	J4	0.0500	1	02/08/2026 06:25	WG2689185
Acrylonitrile	ND		0.0100	1	02/08/2026 06:25	WG2689185
Benzene	ND		0.00100	1	02/08/2026 06:25	WG2689185
Bromobenzene	ND		0.00100	1	02/08/2026 06:25	WG2689185
Bromodichloromethane	ND		0.00100	1	02/08/2026 06:25	WG2689185
Bromoform	ND		0.00100	1	02/08/2026 06:25	WG2689185
Bromomethane	ND	C3	0.00500	1	02/08/2026 06:25	WG2689185
n-Butylbenzene	ND		0.00100	1	02/08/2026 06:25	WG2689185
sec-Butylbenzene	ND		0.00100	1	02/08/2026 06:25	WG2689185
tert-Butylbenzene	ND		0.00100	1	02/08/2026 06:25	WG2689185
Carbon tetrachloride	ND		0.00100	1	02/08/2026 06:25	WG2689185
Chlorobenzene	ND		0.00100	1	02/08/2026 06:25	WG2689185
Chlorodibromomethane	ND		0.00100	1	02/08/2026 06:25	WG2689185
Chloroethane	ND		0.00500	1	02/08/2026 06:25	WG2689185
Chloroform	0.00554		0.00500	1	02/08/2026 06:25	WG2689185
Chloromethane	ND		0.00500	1	02/08/2026 06:25	WG2689185
2-Chlorotoluene	ND		0.00100	1	02/08/2026 06:25	WG2689185
4-Chlorotoluene	ND		0.00100	1	02/08/2026 06:25	WG2689185
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	02/08/2026 06:25	WG2689185
1,2-Dibromoethane	ND		0.00100	1	02/08/2026 06:25	WG2689185
Dibromomethane	ND		0.00100	1	02/08/2026 06:25	WG2689185
1,2-Dichlorobenzene	ND		0.00100	1	02/08/2026 06:25	WG2689185
1,3-Dichlorobenzene	ND		0.00100	1	02/08/2026 06:25	WG2689185
1,4-Dichlorobenzene	ND		0.00100	1	02/08/2026 06:25	WG2689185
Dichlorodifluoromethane	ND	C3	0.00500	1	02/08/2026 06:25	WG2689185
1,1-Dichloroethane	ND		0.00100	1	02/08/2026 06:25	WG2689185
1,2-Dichloroethane	ND		0.00100	1	02/08/2026 06:25	WG2689185
1,1-Dichloroethene	ND		0.00100	1	02/08/2026 06:25	WG2689185
cis-1,2-Dichloroethene	ND		0.00100	1	02/08/2026 06:25	WG2689185
trans-1,2-Dichloroethene	ND		0.00100	1	02/08/2026 06:25	WG2689185
1,2-Dichloropropane	ND		0.00100	1	02/08/2026 06:25	WG2689185
1,1-Dichloropropene	ND		0.00100	1	02/08/2026 06:25	WG2689185
1,3-Dichloropropane	ND		0.00100	1	02/08/2026 06:25	WG2689185
cis-1,3-Dichloropropene	ND		0.00100	1	02/08/2026 06:25	WG2689185
trans-1,3-Dichloropropene	ND		0.00100	1	02/08/2026 06:25	WG2689185
2,2-Dichloropropane	ND		0.00100	1	02/08/2026 06:25	WG2689185
Di-isopropyl ether	ND		0.00100	1	02/08/2026 06:25	WG2689185
Ethylbenzene	ND		0.00100	1	02/08/2026 06:25	WG2689185
Hexachloro-1,3-butadiene	ND		0.00200	1	02/08/2026 06:25	WG2689185
Isopropylbenzene	ND		0.00100	1	02/08/2026 06:25	WG2689185
p-Isopropyltoluene	ND		0.00100	1	02/08/2026 06:25	WG2689185
2-Butanone (MEK)	ND		0.0200	1	02/08/2026 06:25	WG2689185
Methylene Chloride	ND		0.00500	1	02/08/2026 06:25	WG2689185
4-Methyl-2-pentanone (MIBK)	ND		0.0200	1	02/08/2026 06:25	WG2689185
Methyl tert-butyl ether	ND		0.00100	1	02/08/2026 06:25	WG2689185
Naphthalene	0.0340		0.00500	1	02/08/2026 06:25	WG2689185
n-Propylbenzene	ND		0.00100	1	02/08/2026 06:25	WG2689185
Styrene	ND		0.00100	1	02/08/2026 06:25	WG2689185
1,1,1,2-Tetrachloroethane	ND		0.00100	1	02/08/2026 06:25	WG2689185
1,1,2,2-Tetrachloroethane	ND		0.00100	1	02/08/2026 06:25	WG2689185
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	02/08/2026 06:25	WG2689185
Tetrachloroethene	ND		0.00100	1	02/08/2026 06:25	WG2689185
Toluene	ND		0.00100	1	02/08/2026 06:25	WG2689185
1,2,3-Trichlorobenzene	ND		0.00100	1	02/08/2026 06:25	WG2689185
1,2,4-Trichlorobenzene	ND		0.00200	1	02/08/2026 06:25	WG2689185

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		0.00100	1	02/08/2026 06:25	WG2689185
1,1,2-Trichloroethane	ND		0.00100	1	02/08/2026 06:25	WG2689185
Trichloroethene	ND		0.00100	1	02/08/2026 06:25	WG2689185
Trichlorofluoromethane	ND		0.00500	1	02/08/2026 06:25	WG2689185
1,2,3-Trichloropropane	ND		0.00250	1	02/08/2026 06:25	WG2689185
1,2,4-Trimethylbenzene	ND		0.00200	1	02/08/2026 06:25	WG2689185
1,2,3-Trimethylbenzene	ND		0.00100	1	02/08/2026 06:25	WG2689185
1,3,5-Trimethylbenzene	ND		0.00100	1	02/08/2026 06:25	WG2689185
Vinyl chloride	ND		0.00100	1	02/08/2026 06:25	WG2689185
Xylenes, Total	ND		0.00300	1	02/08/2026 06:25	WG2689185
(S) Toluene-d8	*95.8*		*80.0-120*		*02/08/2026 06:25*	WG2689185
(S) 4-Bromofluorobenzene	*97.5*		*77.0-126*		*02/08/2026 06:25*	WG2689185
(S) 1,2-Dichloroethane-d4	*96.6*		*70.0-130*		*02/08/2026 06:25*	WG2689185

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.00100	1	02/13/2026 23:38	WG2687447
Acenaphthylene	ND		0.00100	1	02/13/2026 23:38	WG2687447
Anthracene	ND		0.00100	1	02/13/2026 23:38	WG2687447
Benzidine	ND	C3	0.0200	1	02/13/2026 23:38	WG2687447
Benzo(a)anthracene	ND		0.00100	1	02/13/2026 23:38	WG2687447
Benzo(b)fluoranthene	ND		0.00100	1	02/13/2026 23:38	WG2687447
Benzo(k)fluoranthene	ND		0.00100	1	02/13/2026 23:38	WG2687447
Benzo(g,h,i)perylene	ND		0.00100	1	02/13/2026 23:38	WG2687447
Benzo(a)pyrene	ND		0.00100	1	02/13/2026 23:38	WG2687447
Bis(2-chlorethoxy)methane	ND		0.0100	1	02/13/2026 23:38	WG2687447
Bis(2-chloroethyl)ether	ND		0.0100	1	02/13/2026 23:38	WG2687447
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	02/13/2026 23:38	WG2687447
4-Bromophenyl-phenylether	ND		0.0100	1	02/13/2026 23:38	WG2687447
2-Chloronaphthalene	ND		0.00100	1	02/13/2026 23:38	WG2687447
4-Chlorophenyl-phenylether	ND		0.0100	1	02/13/2026 23:38	WG2687447
Chrysene	ND		0.00100	1	02/13/2026 23:38	WG2687447
Dibenz(a,h)anthracene	ND		0.00100	1	02/13/2026 23:38	WG2687447
1,2-Dichlorobenzene	ND		0.0100	1	02/13/2026 23:38	WG2687447
1,3-Dichlorobenzene	ND		0.0100	1	02/13/2026 23:38	WG2687447
1,4-Dichlorobenzene	ND		0.0100	1	02/13/2026 23:38	WG2687447
3,3-Dichlorobenzidine	ND		0.0100	1	02/13/2026 23:38	WG2687447
2,4-Dinitrotoluene	ND		0.0100	1	02/13/2026 23:38	WG2687447
2,6-Dinitrotoluene	ND		0.0100	1	02/13/2026 23:38	WG2687447
Fluoranthene	ND		0.00100	1	02/13/2026 23:38	WG2687447
Fluorene	ND		0.00100	1	02/13/2026 23:38	WG2687447
Hexachlorobenzene	ND		0.00100	1	02/13/2026 23:38	WG2687447
Hexachloro-1,3-butadiene	ND		0.0100	1	02/13/2026 23:38	WG2687447
Hexachlorocyclopentadiene	ND		0.0100	1	02/13/2026 23:38	WG2687447
Hexachloroethane	ND		0.0100	1	02/13/2026 23:38	WG2687447
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	02/13/2026 23:38	WG2687447
Isophorone	ND		0.0100	1	02/13/2026 23:38	WG2687447
Naphthalene	ND		0.00100	1	02/13/2026 23:38	WG2687447
Nitrobenzene	ND		0.0100	1	02/13/2026 23:38	WG2687447
n-Nitrosodimethylamine	ND		0.0100	1	02/13/2026 23:38	WG2687447
n-Nitrosodiphenylamine	ND		0.0100	1	02/13/2026 23:38	WG2687447
n-Nitrosodi-n-propylamine	ND		0.0100	1	02/13/2026 23:38	WG2687447
Phenanthrene	ND		0.00100	1	02/13/2026 23:38	WG2687447
Benzylbutyl phthalate	ND		0.00300	1	02/13/2026 23:38	WG2687447
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	02/13/2026 23:38	WG2687447

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Di-n-butyl phthalate	ND		0.00300	1	02/13/2026 23:38	WG2687447
Diethyl phthalate	ND		0.00300	1	02/13/2026 23:38	WG2687447
Dimethyl phthalate	ND		0.00300	1	02/13/2026 23:38	WG2687447
Di-n-octyl phthalate	ND		0.00300	1	02/13/2026 23:38	WG2687447
Pyrene	0.00114		0.00100	1	02/13/2026 23:38	WG2687447
1,2,4-Trichlorobenzene	ND		0.0100	1	02/13/2026 23:38	WG2687447
4-Chloro-3-methylphenol	ND		0.0100	1	02/13/2026 23:38	WG2687447
2-Chlorophenol	ND		0.0100	1	02/13/2026 23:38	WG2687447
2,4-Dichlorophenol	ND		0.0100	1	02/13/2026 23:38	WG2687447
2,4-Dimethylphenol	ND	C3	0.0100	1	02/13/2026 23:38	WG2687447
4,6-Dinitro-2-methylphenol	ND		0.0100	1	02/13/2026 23:38	WG2687447
2,4-Dinitrophenol	ND	C3	0.0100	1	02/13/2026 23:38	WG2687447
2-Nitrophenol	ND		0.0100	1	02/13/2026 23:38	WG2687447
4-Nitrophenol	ND	C3	0.0100	1	02/13/2026 23:38	WG2687447
Pentachlorophenol	ND	C3	0.0100	1	02/13/2026 23:38	WG2687447
Phenol	ND		0.0100	1	02/13/2026 23:38	WG2687447
2,4,6-Trichlorophenol	ND		0.0100	1	02/13/2026 23:38	WG2687447
(S) 2-Fluorophenol	*16.2*		*10.0-120*		*02/13/2026 23:38*	WG2687447
(S) Phenol-d5	*16.6*		*10.0-120*		*02/13/2026 23:38*	WG2687447
(S) Nitrobenzene-d5	*54.5*		*10.0-127*		*02/13/2026 23:38*	WG2687447
(S) 2-Fluorobiphenyl	*55.3*		*10.0-130*		*02/13/2026 23:38*	WG2687447
(S) 2,4,6-Tribromophenol	*52.3*		*10.0-155*		*02/13/2026 23:38*	WG2687447
(S) p-Terphenyl-d14	*62.3*		*10.0-128*		*02/13/2026 23:38*	WG2687447

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	02/08/2026 06:45	WG2689185
Acrolein	ND	J4	0.0500	1	02/08/2026 06:45	WG2689185
Acrylonitrile	ND		0.0100	1	02/08/2026 06:45	WG2689185
Benzene	ND		0.00100	1	02/08/2026 06:45	WG2689185
Bromobenzene	ND		0.00100	1	02/08/2026 06:45	WG2689185
Bromodichloromethane	ND		0.00100	1	02/08/2026 06:45	WG2689185
Bromoform	ND		0.00100	1	02/08/2026 06:45	WG2689185
Bromomethane	ND	C3	0.00500	1	02/08/2026 06:45	WG2689185
n-Butylbenzene	ND		0.00100	1	02/08/2026 06:45	WG2689185
sec-Butylbenzene	ND		0.00100	1	02/08/2026 06:45	WG2689185
tert-Butylbenzene	ND		0.00100	1	02/08/2026 06:45	WG2689185
Carbon tetrachloride	ND		0.00100	1	02/08/2026 06:45	WG2689185
Chlorobenzene	ND		0.00100	1	02/08/2026 06:45	WG2689185
Chlorodibromomethane	ND		0.00100	1	02/08/2026 06:45	WG2689185
Chloroethane	ND		0.00500	1	02/08/2026 06:45	WG2689185
Chloroform	ND		0.00500	1	02/08/2026 06:45	WG2689185
Chloromethane	ND		0.00500	1	02/08/2026 06:45	WG2689185
2-Chlorotoluene	ND		0.00100	1	02/08/2026 06:45	WG2689185
4-Chlorotoluene	ND		0.00100	1	02/08/2026 06:45	WG2689185
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	02/08/2026 06:45	WG2689185
1,2-Dibromoethane	ND		0.00100	1	02/08/2026 06:45	WG2689185
Dibromomethane	ND		0.00100	1	02/08/2026 06:45	WG2689185
1,2-Dichlorobenzene	ND		0.00100	1	02/08/2026 06:45	WG2689185
1,3-Dichlorobenzene	ND		0.00100	1	02/08/2026 06:45	WG2689185
1,4-Dichlorobenzene	ND		0.00100	1	02/08/2026 06:45	WG2689185
Dichlorodifluoromethane	ND	C3	0.00500	1	02/08/2026 06:45	WG2689185
1,1-Dichloroethane	ND		0.00100	1	02/08/2026 06:45	WG2689185
1,2-Dichloroethane	ND		0.00100	1	02/08/2026 06:45	WG2689185
1,1-Dichloroethene	ND		0.00100	1	02/08/2026 06:45	WG2689185
cis-1,2-Dichloroethene	ND		0.00100	1	02/08/2026 06:45	WG2689185
trans-1,2-Dichloroethene	ND		0.00100	1	02/08/2026 06:45	WG2689185
1,2-Dichloropropane	ND		0.00100	1	02/08/2026 06:45	WG2689185
1,1-Dichloropropene	ND		0.00100	1	02/08/2026 06:45	WG2689185
1,3-Dichloropropane	ND		0.00100	1	02/08/2026 06:45	WG2689185
cis-1,3-Dichloropropene	ND		0.00100	1	02/08/2026 06:45	WG2689185
trans-1,3-Dichloropropene	ND		0.00100	1	02/08/2026 06:45	WG2689185
2,2-Dichloropropane	ND		0.00100	1	02/08/2026 06:45	WG2689185
Di-isopropyl ether	ND		0.00100	1	02/08/2026 06:45	WG2689185
Ethylbenzene	ND		0.00100	1	02/08/2026 06:45	WG2689185
Hexachloro-1,3-butadiene	ND		0.00200	1	02/08/2026 06:45	WG2689185
Isopropylbenzene	ND		0.00100	1	02/08/2026 06:45	WG2689185
p-Isopropyltoluene	ND		0.00100	1	02/08/2026 06:45	WG2689185
2-Butanone (MEK)	ND		0.0200	1	02/08/2026 06:45	WG2689185
Methylene Chloride	ND		0.00500	1	02/08/2026 06:45	WG2689185
4-Methyl-2-pentanone (MIBK)	ND		0.0200	1	02/08/2026 06:45	WG2689185
Methyl tert-butyl ether	ND		0.00100	1	02/08/2026 06:45	WG2689185
Naphthalene	0.145		0.00500	1	02/08/2026 06:45	WG2689185
n-Propylbenzene	ND		0.00100	1	02/08/2026 06:45	WG2689185
Styrene	ND		0.00100	1	02/08/2026 06:45	WG2689185
1,1,1,2-Tetrachloroethane	ND		0.00100	1	02/08/2026 06:45	WG2689185
1,1,2,2-Tetrachloroethane	ND		0.00100	1	02/08/2026 06:45	WG2689185
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	02/08/2026 06:45	WG2689185
Tetrachloroethene	ND		0.00100	1	02/08/2026 06:45	WG2689185
Toluene	ND		0.00100	1	02/08/2026 06:45	WG2689185
1,2,3-Trichlorobenzene	ND		0.00100	1	02/08/2026 06:45	WG2689185
1,2,4-Trichlorobenzene	ND		0.00200	1	02/08/2026 06:45	WG2689185

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		0.00100	1	02/08/2026 06:45	WG2689185
1,1,2-Trichloroethane	ND		0.00100	1	02/08/2026 06:45	WG2689185
Trichloroethene	ND		0.00100	1	02/08/2026 06:45	WG2689185
Trichlorofluoromethane	ND		0.00500	1	02/08/2026 06:45	WG2689185
1,2,3-Trichloropropane	ND		0.00250	1	02/08/2026 06:45	WG2689185
1,2,4-Trimethylbenzene	ND		0.00200	1	02/08/2026 06:45	WG2689185
1,2,3-Trimethylbenzene	0.00125		0.00100	1	02/08/2026 06:45	WG2689185
1,3,5-Trimethylbenzene	ND		0.00100	1	02/08/2026 06:45	WG2689185
Vinyl chloride	ND		0.00100	1	02/08/2026 06:45	WG2689185
Xylenes, Total	ND		0.00300	1	02/08/2026 06:45	WG2689185
(S) Toluene-d8	*95.0*		*80.0-120*		*02/08/2026 06:45*	WG2689185
(S) 4-Bromofluorobenzene	*96.8*		*77.0-126*		*02/08/2026 06:45*	WG2689185
(S) 1,2-Dichloroethane-d4	*97.8*		*70.0-130*		*02/08/2026 06:45*	WG2689185

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	0.00400		0.00100	1	02/10/2026 17:06	WG2687447
Acenaphthylene	ND		0.00100	1	02/10/2026 17:06	WG2687447
Anthracene	ND		0.00100	1	02/10/2026 17:06	WG2687447
Benzidine	ND		0.0200	1	02/10/2026 17:06	WG2687447
Benzo(a)anthracene	ND		0.00100	1	02/10/2026 17:06	WG2687447
Benzo(b)fluoranthene	ND		0.00100	1	02/10/2026 17:06	WG2687447
Benzo(k)fluoranthene	ND		0.00100	1	02/10/2026 17:06	WG2687447
Benzo(g,h,i)perylene	ND		0.00100	1	02/10/2026 17:06	WG2687447
Benzo(a)pyrene	ND		0.00100	1	02/10/2026 17:06	WG2687447
Bis(2-chlorethoxy)methane	ND		0.0100	1	02/10/2026 17:06	WG2687447
Bis(2-chloroethyl)ether	ND		0.0100	1	02/10/2026 17:06	WG2687447
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	02/10/2026 17:06	WG2687447
4-Bromophenyl-phenylether	ND		0.0100	1	02/10/2026 17:06	WG2687447
2-Chloronaphthalene	ND		0.00100	1	02/10/2026 17:06	WG2687447
4-Chlorophenyl-phenylether	ND		0.0100	1	02/10/2026 17:06	WG2687447
Chrysene	ND		0.00100	1	02/10/2026 17:06	WG2687447
Dibenz(a,h)anthracene	ND		0.00100	1	02/10/2026 17:06	WG2687447
1,2-Dichlorobenzene	ND		0.0100	1	02/10/2026 17:06	WG2687447
1,3-Dichlorobenzene	ND		0.0100	1	02/10/2026 17:06	WG2687447
1,4-Dichlorobenzene	ND		0.0100	1	02/10/2026 17:06	WG2687447
3,3-Dichlorobenzidine	ND		0.0100	1	02/10/2026 17:06	WG2687447
2,4-Dinitrotoluene	ND		0.0100	1	02/10/2026 17:06	WG2687447
2,6-Dinitrotoluene	ND		0.0100	1	02/10/2026 17:06	WG2687447
Fluoranthene	ND		0.00100	1	02/10/2026 17:06	WG2687447
Fluorene	0.00214		0.00100	1	02/10/2026 17:06	WG2687447
Hexachlorobenzene	ND		0.00100	1	02/10/2026 17:06	WG2687447
Hexachloro-1,3-butadiene	ND		0.0100	1	02/10/2026 17:06	WG2687447
Hexachlorocyclopentadiene	ND	C3	0.0100	1	02/10/2026 17:06	WG2687447
Hexachloroethane	ND		0.0100	1	02/10/2026 17:06	WG2687447
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	02/10/2026 17:06	WG2687447
Isophorone	ND		0.0100	1	02/10/2026 17:06	WG2687447
Naphthalene	0.0500		0.00100	1	02/10/2026 17:06	WG2687447
Nitrobenzene	ND		0.0100	1	02/10/2026 17:06	WG2687447
n-Nitrosodimethylamine	ND		0.0100	1	02/10/2026 17:06	WG2687447
n-Nitrosodiphenylamine	ND		0.0100	1	02/10/2026 17:06	WG2687447
n-Nitrosodi-n-propylamine	ND		0.0100	1	02/10/2026 17:06	WG2687447
Phenanthrene	0.00168		0.00100	1	02/10/2026 17:06	WG2687447
Benzylbutyl phthalate	ND		0.00300	1	02/10/2026 17:06	WG2687447
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	02/10/2026 17:06	WG2687447

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Di-n-butyl phthalate	ND		0.00300	1	02/10/2026 17:06	WG2687447
Diethyl phthalate	ND		0.00300	1	02/10/2026 17:06	WG2687447
Dimethyl phthalate	ND		0.00300	1	02/10/2026 17:06	WG2687447
Di-n-octyl phthalate	ND		0.00300	1	02/10/2026 17:06	WG2687447
Pyrene	ND		0.00100	1	02/10/2026 17:06	WG2687447
1,2,4-Trichlorobenzene	ND		0.0100	1	02/10/2026 17:06	WG2687447
4-Chloro-3-methylphenol	ND		0.0100	1	02/10/2026 17:06	WG2687447
2-Chlorophenol	ND		0.0100	1	02/10/2026 17:06	WG2687447
2,4-Dichlorophenol	ND		0.0100	1	02/10/2026 17:06	WG2687447
2,4-Dimethylphenol	ND		0.0100	1	02/10/2026 17:06	WG2687447
4,6-Dinitro-2-methylphenol	ND		0.0100	1	02/10/2026 17:06	WG2687447
2,4-Dinitrophenol	ND		0.0100	1	02/10/2026 17:06	WG2687447
2-Nitrophenol	ND		0.0100	1	02/10/2026 17:06	WG2687447
4-Nitrophenol	ND		0.0100	1	02/10/2026 17:06	WG2687447
Pentachlorophenol	ND		0.0100	1	02/10/2026 17:06	WG2687447
Phenol	ND		0.0100	1	02/10/2026 17:06	WG2687447
2,4,6-Trichlorophenol	ND		0.0100	1	02/10/2026 17:06	WG2687447
(S) 2-Fluorophenol	*24.6*		*10.0-120*		*02/10/2026 17:06*	WG2687447
(S) Phenol-d5	*18.9*		*10.0-120*		*02/10/2026 17:06*	WG2687447
(S) Nitrobenzene-d5	*48.1*		*10.0-127*		*02/10/2026 17:06*	WG2687447
(S) 2-Fluorobiphenyl	*51.7*		*10.0-130*		*02/10/2026 17:06*	WG2687447
(S) 2,4,6-Tribromophenol	*79.1*		*10.0-155*		*02/10/2026 17:06*	WG2687447
(S) p-Terphenyl-d14	*72.5*		*10.0-128*		*02/10/2026 17:06*	WG2687447

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	02/08/2026 07:06	WG2689185
Acrolein	ND	J4	0.0500	1	02/08/2026 07:06	WG2689185
Acrylonitrile	ND		0.0100	1	02/08/2026 07:06	WG2689185
Benzene	ND		0.00100	1	02/08/2026 07:06	WG2689185
Bromobenzene	ND		0.00100	1	02/08/2026 07:06	WG2689185
Bromodichloromethane	ND		0.00100	1	02/08/2026 07:06	WG2689185
Bromoform	ND		0.00100	1	02/08/2026 07:06	WG2689185
Bromomethane	ND	C3	0.00500	1	02/08/2026 07:06	WG2689185
n-Butylbenzene	ND		0.00100	1	02/08/2026 07:06	WG2689185
sec-Butylbenzene	ND		0.00100	1	02/08/2026 07:06	WG2689185
tert-Butylbenzene	ND		0.00100	1	02/08/2026 07:06	WG2689185
Carbon tetrachloride	ND		0.00100	1	02/08/2026 07:06	WG2689185
Chlorobenzene	ND		0.00100	1	02/08/2026 07:06	WG2689185
Chlorodibromomethane	ND		0.00100	1	02/08/2026 07:06	WG2689185
Chloroethane	ND		0.00500	1	02/08/2026 07:06	WG2689185
Chloroform	ND		0.00500	1	02/08/2026 07:06	WG2689185
Chloromethane	ND		0.00500	1	02/08/2026 07:06	WG2689185
2-Chlorotoluene	ND		0.00100	1	02/08/2026 07:06	WG2689185
4-Chlorotoluene	ND		0.00100	1	02/08/2026 07:06	WG2689185
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	02/08/2026 07:06	WG2689185
1,2-Dibromoethane	ND		0.00100	1	02/08/2026 07:06	WG2689185
Dibromomethane	ND		0.00100	1	02/08/2026 07:06	WG2689185
1,2-Dichlorobenzene	ND		0.00100	1	02/08/2026 07:06	WG2689185
1,3-Dichlorobenzene	ND		0.00100	1	02/08/2026 07:06	WG2689185
1,4-Dichlorobenzene	ND		0.00100	1	02/08/2026 07:06	WG2689185
Dichlorodifluoromethane	ND	C3	0.00500	1	02/08/2026 07:06	WG2689185
1,1-Dichloroethane	ND		0.00100	1	02/08/2026 07:06	WG2689185
1,2-Dichloroethane	ND		0.00100	1	02/08/2026 07:06	WG2689185
1,1-Dichloroethene	ND		0.00100	1	02/08/2026 07:06	WG2689185
cis-1,2-Dichloroethene	ND		0.00100	1	02/08/2026 07:06	WG2689185
trans-1,2-Dichloroethene	ND		0.00100	1	02/08/2026 07:06	WG2689185
1,2-Dichloropropane	ND		0.00100	1	02/08/2026 07:06	WG2689185
1,1-Dichloropropene	ND		0.00100	1	02/08/2026 07:06	WG2689185
1,3-Dichloropropane	ND		0.00100	1	02/08/2026 07:06	WG2689185
cis-1,3-Dichloropropene	ND		0.00100	1	02/08/2026 07:06	WG2689185
trans-1,3-Dichloropropene	ND		0.00100	1	02/08/2026 07:06	WG2689185
2,2-Dichloropropane	ND		0.00100	1	02/08/2026 07:06	WG2689185
Di-isopropyl ether	ND		0.00100	1	02/08/2026 07:06	WG2689185
Ethylbenzene	ND		0.00100	1	02/08/2026 07:06	WG2689185
Hexachloro-1,3-butadiene	ND		0.00200	1	02/08/2026 07:06	WG2689185
Isopropylbenzene	ND		0.00100	1	02/08/2026 07:06	WG2689185
p-Isopropyltoluene	ND		0.00100	1	02/08/2026 07:06	WG2689185
2-Butanone (MEK)	ND		0.0200	1	02/08/2026 07:06	WG2689185
Methylene Chloride	ND		0.00500	1	02/08/2026 07:06	WG2689185
4-Methyl-2-pentanone (MIBK)	ND		0.0200	1	02/08/2026 07:06	WG2689185
Methyl tert-butyl ether	ND		0.00100	1	02/08/2026 07:06	WG2689185
Naphthalene	0.169		0.00500	1	02/08/2026 07:06	WG2689185
n-Propylbenzene	ND		0.00100	1	02/08/2026 07:06	WG2689185
Styrene	ND		0.00100	1	02/08/2026 07:06	WG2689185
1,1,1,2-Tetrachloroethane	ND		0.00100	1	02/08/2026 07:06	WG2689185
1,1,2,2-Tetrachloroethane	ND		0.00100	1	02/08/2026 07:06	WG2689185
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	02/08/2026 07:06	WG2689185
Tetrachloroethene	ND		0.00100	1	02/08/2026 07:06	WG2689185
Toluene	ND		0.00100	1	02/08/2026 07:06	WG2689185
1,2,3-Trichlorobenzene	ND		0.00100	1	02/08/2026 07:06	WG2689185
1,2,4-Trichlorobenzene	ND		0.00200	1	02/08/2026 07:06	WG2689185

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		0.00100	1	02/08/2026 07:06	WG2689185
1,1,2-Trichloroethane	ND		0.00100	1	02/08/2026 07:06	WG2689185
Trichloroethene	ND		0.00100	1	02/08/2026 07:06	WG2689185
Trichlorofluoromethane	ND		0.00500	1	02/08/2026 07:06	WG2689185
1,2,3-Trichloropropane	ND		0.00250	1	02/08/2026 07:06	WG2689185
1,2,4-Trimethylbenzene	ND		0.00200	1	02/08/2026 07:06	WG2689185
1,2,3-Trimethylbenzene	0.00114		0.00100	1	02/08/2026 07:06	WG2689185
1,3,5-Trimethylbenzene	ND		0.00100	1	02/08/2026 07:06	WG2689185
Vinyl chloride	ND		0.00100	1	02/08/2026 07:06	WG2689185
Xylenes, Total	ND		0.00300	1	02/08/2026 07:06	WG2689185
(S) Toluene-d8	*97.0*		*80.0-120*		*02/08/2026 07:06*	WG2689185
(S) 4-Bromofluorobenzene	*97.7*		*77.0-126*		*02/08/2026 07:06*	WG2689185
(S) 1,2-Dichloroethane-d4	*96.6*		*70.0-130*		*02/08/2026 07:06*	WG2689185

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	0.00418		0.00100	1	02/10/2026 17:28	WG2687447
Acenaphthylene	ND		0.00100	1	02/10/2026 17:28	WG2687447
Anthracene	ND		0.00100	1	02/10/2026 17:28	WG2687447
Benzidine	ND		0.0200	1	02/10/2026 17:28	WG2687447
Benzo(a)anthracene	ND		0.00100	1	02/10/2026 17:28	WG2687447
Benzo(b)fluoranthene	ND		0.00100	1	02/10/2026 17:28	WG2687447
Benzo(k)fluoranthene	ND		0.00100	1	02/10/2026 17:28	WG2687447
Benzo(g,h,i)perylene	ND		0.00100	1	02/10/2026 17:28	WG2687447
Benzo(a)pyrene	ND		0.00100	1	02/10/2026 17:28	WG2687447
Bis(2-chlorethoxy)methane	ND		0.0100	1	02/10/2026 17:28	WG2687447
Bis(2-chloroethyl)ether	ND		0.0100	1	02/10/2026 17:28	WG2687447
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	02/10/2026 17:28	WG2687447
4-Bromophenyl-phenylether	ND		0.0100	1	02/10/2026 17:28	WG2687447
2-Chloronaphthalene	ND		0.00100	1	02/10/2026 17:28	WG2687447
4-Chlorophenyl-phenylether	ND		0.0100	1	02/10/2026 17:28	WG2687447
Chrysene	ND		0.00100	1	02/10/2026 17:28	WG2687447
Dibenz(a,h)anthracene	ND		0.00100	1	02/10/2026 17:28	WG2687447
1,2-Dichlorobenzene	ND		0.0100	1	02/10/2026 17:28	WG2687447
1,3-Dichlorobenzene	ND		0.0100	1	02/10/2026 17:28	WG2687447
1,4-Dichlorobenzene	ND		0.0100	1	02/10/2026 17:28	WG2687447
3,3-Dichlorobenzidine	ND		0.0100	1	02/10/2026 17:28	WG2687447
2,4-Dinitrotoluene	ND		0.0100	1	02/10/2026 17:28	WG2687447
2,6-Dinitrotoluene	ND		0.0100	1	02/10/2026 17:28	WG2687447
Fluoranthene	ND		0.00100	1	02/10/2026 17:28	WG2687447
Fluorene	0.00222		0.00100	1	02/10/2026 17:28	WG2687447
Hexachlorobenzene	ND		0.00100	1	02/10/2026 17:28	WG2687447
Hexachloro-1,3-butadiene	ND		0.0100	1	02/10/2026 17:28	WG2687447
Hexachlorocyclopentadiene	ND	C3	0.0100	1	02/10/2026 17:28	WG2687447
Hexachloroethane	ND		0.0100	1	02/10/2026 17:28	WG2687447
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	02/10/2026 17:28	WG2687447
Isophorone	ND		0.0100	1	02/10/2026 17:28	WG2687447
Naphthalene	0.0623		0.00100	1	02/10/2026 17:28	WG2687447
Nitrobenzene	ND		0.0100	1	02/10/2026 17:28	WG2687447
n-Nitrosodimethylamine	ND		0.0100	1	02/10/2026 17:28	WG2687447
n-Nitrosodiphenylamine	ND		0.0100	1	02/10/2026 17:28	WG2687447
n-Nitrosodi-n-propylamine	ND		0.0100	1	02/10/2026 17:28	WG2687447
Phenanthrene	0.00173		0.00100	1	02/10/2026 17:28	WG2687447
Benzylbutyl phthalate	ND		0.00300	1	02/10/2026 17:28	WG2687447
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	02/10/2026 17:28	WG2687447

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Di-n-butyl phthalate	ND		0.00300	1	02/10/2026 17:28	WG2687447
Diethyl phthalate	ND		0.00300	1	02/10/2026 17:28	WG2687447
Dimethyl phthalate	ND		0.00300	1	02/10/2026 17:28	WG2687447
Di-n-octyl phthalate	ND		0.00300	1	02/10/2026 17:28	WG2687447
Pyrene	ND		0.00100	1	02/10/2026 17:28	WG2687447
1,2,4-Trichlorobenzene	ND		0.0100	1	02/10/2026 17:28	WG2687447
4-Chloro-3-methylphenol	ND		0.0100	1	02/10/2026 17:28	WG2687447
2-Chlorophenol	ND		0.0100	1	02/10/2026 17:28	WG2687447
2,4-Dichlorophenol	ND		0.0100	1	02/10/2026 17:28	WG2687447
2,4-Dimethylphenol	ND		0.0100	1	02/10/2026 17:28	WG2687447
4,6-Dinitro-2-methylphenol	ND		0.0100	1	02/10/2026 17:28	WG2687447
2,4-Dinitrophenol	ND		0.0100	1	02/10/2026 17:28	WG2687447
2-Nitrophenol	ND		0.0100	1	02/10/2026 17:28	WG2687447
4-Nitrophenol	ND		0.0100	1	02/10/2026 17:28	WG2687447
Pentachlorophenol	ND		0.0100	1	02/10/2026 17:28	WG2687447
Phenol	ND		0.0100	1	02/10/2026 17:28	WG2687447
2,4,6-Trichlorophenol	ND		0.0100	1	02/10/2026 17:28	WG2687447
(S) 2-Fluorophenol	*30.5*		*10.0-120*		*02/10/2026 17:28*	WG2687447
(S) Phenol-d5	*23.0*		*10.0-120*		*02/10/2026 17:28*	WG2687447
(S) Nitrobenzene-d5	*54.2*		*10.0-127*		*02/10/2026 17:28*	WG2687447
(S) 2-Fluorobiphenyl	*55.1*		*10.0-130*		*02/10/2026 17:28*	WG2687447
(S) 2,4,6-Tribromophenol	*79.1*		*10.0-155*		*02/10/2026 17:28*	WG2687447
(S) p-Terphenyl-d14	*75.1*		*10.0-128*		*02/10/2026 17:28*	WG2687447

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	02/08/2026 07:27	WG2689185
Acrolein	ND	J4	0.0500	1	02/08/2026 07:27	WG2689185
Acrylonitrile	ND		0.0100	1	02/08/2026 07:27	WG2689185
Benzene	ND		0.00100	1	02/08/2026 07:27	WG2689185
Bromobenzene	ND		0.00100	1	02/08/2026 07:27	WG2689185
Bromodichloromethane	ND		0.00100	1	02/08/2026 07:27	WG2689185
Bromoform	ND		0.00100	1	02/08/2026 07:27	WG2689185
Bromomethane	ND	C3	0.00500	1	02/08/2026 07:27	WG2689185
n-Butylbenzene	ND		0.00100	1	02/08/2026 07:27	WG2689185
sec-Butylbenzene	ND		0.00100	1	02/08/2026 07:27	WG2689185
tert-Butylbenzene	ND		0.00100	1	02/08/2026 07:27	WG2689185
Carbon tetrachloride	ND		0.00100	1	02/08/2026 07:27	WG2689185
Chlorobenzene	ND		0.00100	1	02/08/2026 07:27	WG2689185
Chlorodibromomethane	ND		0.00100	1	02/08/2026 07:27	WG2689185
Chloroethane	ND		0.00500	1	02/08/2026 07:27	WG2689185
Chloroform	ND		0.00500	1	02/08/2026 07:27	WG2689185
Chloromethane	ND		0.00500	1	02/08/2026 07:27	WG2689185
2-Chlorotoluene	ND		0.00100	1	02/08/2026 07:27	WG2689185
4-Chlorotoluene	ND		0.00100	1	02/08/2026 07:27	WG2689185
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	02/08/2026 07:27	WG2689185
1,2-Dibromoethane	ND		0.00100	1	02/08/2026 07:27	WG2689185
Dibromomethane	ND		0.00100	1	02/08/2026 07:27	WG2689185
1,2-Dichlorobenzene	ND		0.00100	1	02/08/2026 07:27	WG2689185
1,3-Dichlorobenzene	ND		0.00100	1	02/08/2026 07:27	WG2689185
1,4-Dichlorobenzene	ND		0.00100	1	02/08/2026 07:27	WG2689185
Dichlorodifluoromethane	ND	C3	0.00500	1	02/08/2026 07:27	WG2689185
1,1-Dichloroethane	ND		0.00100	1	02/08/2026 07:27	WG2689185
1,2-Dichloroethane	ND		0.00100	1	02/08/2026 07:27	WG2689185
1,1-Dichloroethene	ND		0.00100	1	02/08/2026 07:27	WG2689185
cis-1,2-Dichloroethene	ND		0.00100	1	02/08/2026 07:27	WG2689185
trans-1,2-Dichloroethene	ND		0.00100	1	02/08/2026 07:27	WG2689185
1,2-Dichloropropane	ND		0.00100	1	02/08/2026 07:27	WG2689185
1,1-Dichloropropene	ND		0.00100	1	02/08/2026 07:27	WG2689185
1,3-Dichloropropane	ND		0.00100	1	02/08/2026 07:27	WG2689185
cis-1,3-Dichloropropene	ND		0.00100	1	02/08/2026 07:27	WG2689185
trans-1,3-Dichloropropene	ND		0.00100	1	02/08/2026 07:27	WG2689185
2,2-Dichloropropane	ND		0.00100	1	02/08/2026 07:27	WG2689185
Di-isopropyl ether	ND		0.00100	1	02/08/2026 07:27	WG2689185
Ethylbenzene	ND		0.00100	1	02/08/2026 07:27	WG2689185
Hexachloro-1,3-butadiene	ND		0.00200	1	02/08/2026 07:27	WG2689185
Isopropylbenzene	ND		0.00100	1	02/08/2026 07:27	WG2689185
p-Isopropyltoluene	ND		0.00100	1	02/08/2026 07:27	WG2689185
2-Butanone (MEK)	ND		0.0200	1	02/08/2026 07:27	WG2689185
Methylene Chloride	ND		0.00500	1	02/08/2026 07:27	WG2689185
4-Methyl-2-pentanone (MIBK)	ND		0.0200	1	02/08/2026 07:27	WG2689185
Methyl tert-butyl ether	ND		0.00100	1	02/08/2026 07:27	WG2689185
Naphthalene	0.139		0.00500	1	02/08/2026 07:27	WG2689185
n-Propylbenzene	ND		0.00100	1	02/08/2026 07:27	WG2689185
Styrene	ND		0.00100	1	02/08/2026 07:27	WG2689185
1,1,1,2-Tetrachloroethane	ND		0.00100	1	02/08/2026 07:27	WG2689185
1,1,2,2-Tetrachloroethane	ND		0.00100	1	02/08/2026 07:27	WG2689185
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	02/08/2026 07:27	WG2689185
Tetrachloroethene	ND		0.00100	1	02/08/2026 07:27	WG2689185
Toluene	ND		0.00100	1	02/08/2026 07:27	WG2689185
1,2,3-Trichlorobenzene	ND		0.00100	1	02/08/2026 07:27	WG2689185
1,2,4-Trichlorobenzene	ND		0.00200	1	02/08/2026 07:27	WG2689185

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		0.00100	1	02/08/2026 07:27	WG2689185
1,1,2-Trichloroethane	ND		0.00100	1	02/08/2026 07:27	WG2689185
Trichloroethene	ND		0.00100	1	02/08/2026 07:27	WG2689185
Trichlorofluoromethane	ND		0.00500	1	02/08/2026 07:27	WG2689185
1,2,3-Trichloropropane	ND		0.00250	1	02/08/2026 07:27	WG2689185
1,2,4-Trimethylbenzene	ND		0.00200	1	02/08/2026 07:27	WG2689185
1,2,3-Trimethylbenzene	ND		0.00100	1	02/08/2026 07:27	WG2689185
1,3,5-Trimethylbenzene	ND		0.00100	1	02/08/2026 07:27	WG2689185
Vinyl chloride	ND		0.00100	1	02/08/2026 07:27	WG2689185
Xylenes, Total	ND		0.00300	1	02/08/2026 07:27	WG2689185
(S) Toluene-d8	*95.5*		*80.0-120*		*02/08/2026 07:27*	WG2689185
(S) 4-Bromofluorobenzene	*98.8*		*77.0-126*		*02/08/2026 07:27*	WG2689185
(S) 1,2-Dichloroethane-d4	*93.9*		*70.0-130*		*02/08/2026 07:27*	WG2689185

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	0.00324		0.00100	1	02/10/2026 17:49	WG2687447
Acenaphthylene	ND		0.00100	1	02/10/2026 17:49	WG2687447
Anthracene	ND		0.00100	1	02/10/2026 17:49	WG2687447
Benzidine	ND		0.0200	1	02/10/2026 17:49	WG2687447
Benzo(a)anthracene	ND		0.00100	1	02/10/2026 17:49	WG2687447
Benzo(b)fluoranthene	ND		0.00100	1	02/10/2026 17:49	WG2687447
Benzo(k)fluoranthene	ND		0.00100	1	02/10/2026 17:49	WG2687447
Benzo(g,h,i)perylene	ND		0.00100	1	02/10/2026 17:49	WG2687447
Benzo(a)pyrene	ND		0.00100	1	02/10/2026 17:49	WG2687447
Bis(2-chlorethoxy)methane	ND		0.0100	1	02/10/2026 17:49	WG2687447
Bis(2-chloroethyl)ether	ND		0.0100	1	02/10/2026 17:49	WG2687447
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	02/10/2026 17:49	WG2687447
4-Bromophenyl-phenylether	ND		0.0100	1	02/10/2026 17:49	WG2687447
2-Chloronaphthalene	ND		0.00100	1	02/10/2026 17:49	WG2687447
4-Chlorophenyl-phenylether	ND		0.0100	1	02/10/2026 17:49	WG2687447
Chrysene	ND		0.00100	1	02/10/2026 17:49	WG2687447
Dibenz(a,h)anthracene	ND		0.00100	1	02/10/2026 17:49	WG2687447
1,2-Dichlorobenzene	ND		0.0100	1	02/10/2026 17:49	WG2687447
1,3-Dichlorobenzene	ND		0.0100	1	02/10/2026 17:49	WG2687447
1,4-Dichlorobenzene	ND		0.0100	1	02/10/2026 17:49	WG2687447
3,3-Dichlorobenzidine	ND		0.0100	1	02/10/2026 17:49	WG2687447
2,4-Dinitrotoluene	ND		0.0100	1	02/10/2026 17:49	WG2687447
2,6-Dinitrotoluene	ND		0.0100	1	02/10/2026 17:49	WG2687447
Fluoranthene	ND		0.00100	1	02/10/2026 17:49	WG2687447
Fluorene	0.00174		0.00100	1	02/10/2026 17:49	WG2687447
Hexachlorobenzene	ND		0.00100	1	02/10/2026 17:49	WG2687447
Hexachloro-1,3-butadiene	ND		0.0100	1	02/10/2026 17:49	WG2687447
Hexachlorocyclopentadiene	ND	C3	0.0100	1	02/10/2026 17:49	WG2687447
Hexachloroethane	ND		0.0100	1	02/10/2026 17:49	WG2687447
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	02/10/2026 17:49	WG2687447
Isophorone	ND		0.0100	1	02/10/2026 17:49	WG2687447
Naphthalene	0.0474		0.00100	1	02/10/2026 17:49	WG2687447
Nitrobenzene	ND		0.0100	1	02/10/2026 17:49	WG2687447
n-Nitrosodimethylamine	ND		0.0100	1	02/10/2026 17:49	WG2687447
n-Nitrosodiphenylamine	ND		0.0100	1	02/10/2026 17:49	WG2687447
n-Nitrosodi-n-propylamine	ND		0.0100	1	02/10/2026 17:49	WG2687447
Phenanthrene	0.00143		0.00100	1	02/10/2026 17:49	WG2687447
Benzylbutyl phthalate	ND		0.00300	1	02/10/2026 17:49	WG2687447
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	02/10/2026 17:49	WG2687447

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Di-n-butyl phthalate	ND		0.00300	1	02/10/2026 17:49	WG2687447
Diethyl phthalate	ND		0.00300	1	02/10/2026 17:49	WG2687447
Dimethyl phthalate	ND		0.00300	1	02/10/2026 17:49	WG2687447
Di-n-octyl phthalate	ND		0.00300	1	02/10/2026 17:49	WG2687447
Pyrene	ND		0.00100	1	02/10/2026 17:49	WG2687447
1,2,4-Trichlorobenzene	ND		0.0100	1	02/10/2026 17:49	WG2687447
4-Chloro-3-methylphenol	ND		0.0100	1	02/10/2026 17:49	WG2687447
2-Chlorophenol	ND		0.0100	1	02/10/2026 17:49	WG2687447
2,4-Dichlorophenol	ND		0.0100	1	02/10/2026 17:49	WG2687447
2,4-Dimethylphenol	ND		0.0100	1	02/10/2026 17:49	WG2687447
4,6-Dinitro-2-methylphenol	ND		0.0100	1	02/10/2026 17:49	WG2687447
2,4-Dinitrophenol	ND		0.0100	1	02/10/2026 17:49	WG2687447
2-Nitrophenol	ND		0.0100	1	02/10/2026 17:49	WG2687447
4-Nitrophenol	ND		0.0100	1	02/10/2026 17:49	WG2687447
Pentachlorophenol	ND		0.0100	1	02/10/2026 17:49	WG2687447
Phenol	ND		0.0100	1	02/10/2026 17:49	WG2687447
2,4,6-Trichlorophenol	ND		0.0100	1	02/10/2026 17:49	WG2687447
(S) 2-Fluorophenol	*27.0*		*10.0-120*		*02/10/2026 17:49*	WG2687447
(S) Phenol-d5	*20.3*		*10.0-120*		*02/10/2026 17:49*	WG2687447
(S) Nitrobenzene-d5	*50.6*		*10.0-127*		*02/10/2026 17:49*	WG2687447
(S) 2-Fluorobiphenyl	*51.5*		*10.0-130*		*02/10/2026 17:49*	WG2687447
(S) 2,4,6-Tribromophenol	*74.7*		*10.0-155*		*02/10/2026 17:49*	WG2687447
(S) p-Terphenyl-d14	*74.3*		*10.0-128*		*02/10/2026 17:49*	WG2687447

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	02/08/2026 07:48	WG2689185
Acrolein	ND	J4	0.0500	1	02/08/2026 07:48	WG2689185
Acrylonitrile	ND		0.0100	1	02/08/2026 07:48	WG2689185
Benzene	ND		0.00100	1	02/08/2026 07:48	WG2689185
Bromobenzene	ND		0.00100	1	02/08/2026 07:48	WG2689185
Bromodichloromethane	ND		0.00100	1	02/08/2026 07:48	WG2689185
Bromoform	ND		0.00100	1	02/08/2026 07:48	WG2689185
Bromomethane	ND	C3	0.00500	1	02/08/2026 07:48	WG2689185
n-Butylbenzene	ND		0.00100	1	02/08/2026 07:48	WG2689185
sec-Butylbenzene	ND		0.00100	1	02/08/2026 07:48	WG2689185
tert-Butylbenzene	ND		0.00100	1	02/08/2026 07:48	WG2689185
Carbon tetrachloride	ND		0.00100	1	02/08/2026 07:48	WG2689185
Chlorobenzene	ND		0.00100	1	02/08/2026 07:48	WG2689185
Chlorodibromomethane	ND		0.00100	1	02/08/2026 07:48	WG2689185
Chloroethane	ND		0.00500	1	02/08/2026 07:48	WG2689185
Chloroform	ND		0.00500	1	02/08/2026 07:48	WG2689185
Chloromethane	ND		0.00500	1	02/08/2026 07:48	WG2689185
2-Chlorotoluene	ND		0.00100	1	02/08/2026 07:48	WG2689185
4-Chlorotoluene	ND		0.00100	1	02/08/2026 07:48	WG2689185
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	02/08/2026 07:48	WG2689185
1,2-Dibromoethane	ND		0.00100	1	02/08/2026 07:48	WG2689185
Dibromomethane	ND		0.00100	1	02/08/2026 07:48	WG2689185
1,2-Dichlorobenzene	ND		0.00100	1	02/08/2026 07:48	WG2689185
1,3-Dichlorobenzene	ND		0.00100	1	02/08/2026 07:48	WG2689185
1,4-Dichlorobenzene	ND		0.00100	1	02/08/2026 07:48	WG2689185
Dichlorodifluoromethane	ND	C3	0.00500	1	02/08/2026 07:48	WG2689185
1,1-Dichloroethane	ND		0.00100	1	02/08/2026 07:48	WG2689185
1,2-Dichloroethane	ND		0.00100	1	02/08/2026 07:48	WG2689185
1,1-Dichloroethene	ND		0.00100	1	02/08/2026 07:48	WG2689185
cis-1,2-Dichloroethene	ND		0.00100	1	02/08/2026 07:48	WG2689185
trans-1,2-Dichloroethene	ND		0.00100	1	02/08/2026 07:48	WG2689185
1,2-Dichloropropane	ND		0.00100	1	02/08/2026 07:48	WG2689185
1,1-Dichloropropene	ND		0.00100	1	02/08/2026 07:48	WG2689185
1,3-Dichloropropane	ND		0.00100	1	02/08/2026 07:48	WG2689185
cis-1,3-Dichloropropene	ND		0.00100	1	02/08/2026 07:48	WG2689185
trans-1,3-Dichloropropene	ND		0.00100	1	02/08/2026 07:48	WG2689185
2,2-Dichloropropane	ND		0.00100	1	02/08/2026 07:48	WG2689185
Di-isopropyl ether	ND		0.00100	1	02/08/2026 07:48	WG2689185
Ethylbenzene	ND		0.00100	1	02/08/2026 07:48	WG2689185
Hexachloro-1,3-butadiene	ND		0.00200	1	02/08/2026 07:48	WG2689185
Isopropylbenzene	ND		0.00100	1	02/08/2026 07:48	WG2689185
p-Isopropyltoluene	ND		0.00100	1	02/08/2026 07:48	WG2689185
2-Butanone (MEK)	ND		0.0200	1	02/08/2026 07:48	WG2689185
Methylene Chloride	ND		0.00500	1	02/08/2026 07:48	WG2689185
4-Methyl-2-pentanone (MIBK)	ND		0.0200	1	02/08/2026 07:48	WG2689185
Methyl tert-butyl ether	ND		0.00100	1	02/08/2026 07:48	WG2689185
Naphthalene	0.104		0.00500	1	02/08/2026 07:48	WG2689185
n-Propylbenzene	ND		0.00100	1	02/08/2026 07:48	WG2689185
Styrene	ND		0.00100	1	02/08/2026 07:48	WG2689185
1,1,1,2-Tetrachloroethane	ND		0.00100	1	02/08/2026 07:48	WG2689185
1,1,2,2-Tetrachloroethane	ND		0.00100	1	02/08/2026 07:48	WG2689185
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	02/08/2026 07:48	WG2689185
Tetrachloroethene	ND		0.00100	1	02/08/2026 07:48	WG2689185
Toluene	ND		0.00100	1	02/08/2026 07:48	WG2689185
1,2,3-Trichlorobenzene	ND		0.00100	1	02/08/2026 07:48	WG2689185
1,2,4-Trichlorobenzene	ND		0.00200	1	02/08/2026 07:48	WG2689185

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		0.00100	1	02/08/2026 07:48	WG2689185
1,1,2-Trichloroethane	ND		0.00100	1	02/08/2026 07:48	WG2689185
Trichloroethene	ND		0.00100	1	02/08/2026 07:48	WG2689185
Trichlorofluoromethane	ND		0.00500	1	02/08/2026 07:48	WG2689185
1,2,3-Trichloropropane	ND		0.00250	1	02/08/2026 07:48	WG2689185
1,2,4-Trimethylbenzene	ND		0.00200	1	02/08/2026 07:48	WG2689185
1,2,3-Trimethylbenzene	ND		0.00100	1	02/08/2026 07:48	WG2689185
1,3,5-Trimethylbenzene	ND		0.00100	1	02/08/2026 07:48	WG2689185
Vinyl chloride	ND		0.00100	1	02/08/2026 07:48	WG2689185
Xylenes, Total	ND		0.00300	1	02/08/2026 07:48	WG2689185
(S) Toluene-d8	*95.8*		*80.0-120*		*02/08/2026 07:48*	WG2689185
(S) 4-Bromofluorobenzene	*99.3*		*77.0-126*		*02/08/2026 07:48*	WG2689185
(S) 1,2-Dichloroethane-d4	*94.1*		*70.0-130*		*02/08/2026 07:48*	WG2689185

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	0.00250		0.00100	1	02/10/2026 18:11	WG2687447
Acenaphthylene	ND		0.00100	1	02/10/2026 18:11	WG2687447
Anthracene	ND		0.00100	1	02/10/2026 18:11	WG2687447
Benzidine	ND		0.0200	1	02/10/2026 18:11	WG2687447
Benzo(a)anthracene	ND		0.00100	1	02/10/2026 18:11	WG2687447
Benzo(b)fluoranthene	ND		0.00100	1	02/10/2026 18:11	WG2687447
Benzo(k)fluoranthene	ND		0.00100	1	02/10/2026 18:11	WG2687447
Benzo(g,h,i)perylene	ND		0.00100	1	02/10/2026 18:11	WG2687447
Benzo(a)pyrene	ND		0.00100	1	02/10/2026 18:11	WG2687447
Bis(2-chlorethoxy)methane	ND		0.0100	1	02/10/2026 18:11	WG2687447
Bis(2-chloroethyl)ether	ND		0.0100	1	02/10/2026 18:11	WG2687447
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	02/10/2026 18:11	WG2687447
4-Bromophenyl-phenylether	ND		0.0100	1	02/10/2026 18:11	WG2687447
2-Chloronaphthalene	ND		0.00100	1	02/10/2026 18:11	WG2687447
4-Chlorophenyl-phenylether	ND		0.0100	1	02/10/2026 18:11	WG2687447
Chrysene	ND		0.00100	1	02/10/2026 18:11	WG2687447
Dibenz(a,h)anthracene	ND		0.00100	1	02/10/2026 18:11	WG2687447
1,2-Dichlorobenzene	ND		0.0100	1	02/10/2026 18:11	WG2687447
1,3-Dichlorobenzene	ND		0.0100	1	02/10/2026 18:11	WG2687447
1,4-Dichlorobenzene	ND		0.0100	1	02/10/2026 18:11	WG2687447
3,3-Dichlorobenzidine	ND		0.0100	1	02/10/2026 18:11	WG2687447
2,4-Dinitrotoluene	ND		0.0100	1	02/10/2026 18:11	WG2687447
2,6-Dinitrotoluene	ND		0.0100	1	02/10/2026 18:11	WG2687447
Fluoranthene	ND		0.00100	1	02/10/2026 18:11	WG2687447
Fluorene	0.00139		0.00100	1	02/10/2026 18:11	WG2687447
Hexachlorobenzene	ND		0.00100	1	02/10/2026 18:11	WG2687447
Hexachloro-1,3-butadiene	ND		0.0100	1	02/10/2026 18:11	WG2687447
Hexachlorocyclopentadiene	ND	C3	0.0100	1	02/10/2026 18:11	WG2687447
Hexachloroethane	ND		0.0100	1	02/10/2026 18:11	WG2687447
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	02/10/2026 18:11	WG2687447
Isophorone	ND		0.0100	1	02/10/2026 18:11	WG2687447
Naphthalene	0.0400		0.00100	1	02/10/2026 18:11	WG2687447
Nitrobenzene	ND		0.0100	1	02/10/2026 18:11	WG2687447
n-Nitrosodimethylamine	ND		0.0100	1	02/10/2026 18:11	WG2687447
n-Nitrosodiphenylamine	ND		0.0100	1	02/10/2026 18:11	WG2687447
n-Nitrosodi-n-propylamine	ND		0.0100	1	02/10/2026 18:11	WG2687447
Phenanthrene	0.00121		0.00100	1	02/10/2026 18:11	WG2687447
Benzylbutyl phthalate	ND		0.00300	1	02/10/2026 18:11	WG2687447
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	02/10/2026 18:11	WG2687447

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Di-n-butyl phthalate	ND		0.00300	1	02/10/2026 18:11	WG2687447
Diethyl phthalate	ND		0.00300	1	02/10/2026 18:11	WG2687447
Dimethyl phthalate	ND		0.00300	1	02/10/2026 18:11	WG2687447
Di-n-octyl phthalate	ND		0.00300	1	02/10/2026 18:11	WG2687447
Pyrene	ND		0.00100	1	02/10/2026 18:11	WG2687447
1,2,4-Trichlorobenzene	ND		0.0100	1	02/10/2026 18:11	WG2687447
4-Chloro-3-methylphenol	ND		0.0100	1	02/10/2026 18:11	WG2687447
2-Chlorophenol	ND		0.0100	1	02/10/2026 18:11	WG2687447
2,4-Dichlorophenol	ND		0.0100	1	02/10/2026 18:11	WG2687447
2,4-Dimethylphenol	ND		0.0100	1	02/10/2026 18:11	WG2687447
4,6-Dinitro-2-methylphenol	ND		0.0100	1	02/10/2026 18:11	WG2687447
2,4-Dinitrophenol	ND		0.0100	1	02/10/2026 18:11	WG2687447
2-Nitrophenol	ND		0.0100	1	02/10/2026 18:11	WG2687447
4-Nitrophenol	ND		0.0100	1	02/10/2026 18:11	WG2687447
Pentachlorophenol	ND		0.0100	1	02/10/2026 18:11	WG2687447
Phenol	ND		0.0100	1	02/10/2026 18:11	WG2687447
2,4,6-Trichlorophenol	ND		0.0100	1	02/10/2026 18:11	WG2687447
(S) 2-Fluorophenol	*30.0*		*10.0-120*		*02/10/2026 18:11*	WG2687447
(S) Phenol-d5	*22.2*		*10.0-120*		*02/10/2026 18:11*	WG2687447
(S) Nitrobenzene-d5	*53.8*		*10.0-127*		*02/10/2026 18:11*	WG2687447
(S) 2-Fluorobiphenyl	*57.0*		*10.0-130*		*02/10/2026 18:11*	WG2687447
(S) 2,4,6-Tribromophenol	*66.1*		*10.0-155*		*02/10/2026 18:11*	WG2687447
(S) p-Terphenyl-d14	*80.3*		*10.0-128*		*02/10/2026 18:11*	WG2687447

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	02/08/2026 08:09	WG2689185
Acrolein	ND	J4	0.0500	1	02/08/2026 08:09	WG2689185
Acrylonitrile	ND		0.0100	1	02/08/2026 08:09	WG2689185
Benzene	ND		0.00100	1	02/08/2026 08:09	WG2689185
Bromobenzene	ND		0.00100	1	02/08/2026 08:09	WG2689185
Bromodichloromethane	ND		0.00100	1	02/08/2026 08:09	WG2689185
Bromoform	ND		0.00100	1	02/08/2026 08:09	WG2689185
Bromomethane	ND	C3	0.00500	1	02/08/2026 08:09	WG2689185
n-Butylbenzene	ND		0.00100	1	02/08/2026 08:09	WG2689185
sec-Butylbenzene	ND		0.00100	1	02/08/2026 08:09	WG2689185
tert-Butylbenzene	ND		0.00100	1	02/08/2026 08:09	WG2689185
Carbon tetrachloride	ND		0.00100	1	02/08/2026 08:09	WG2689185
Chlorobenzene	ND		0.00100	1	02/08/2026 08:09	WG2689185
Chlorodibromomethane	ND		0.00100	1	02/08/2026 08:09	WG2689185
Chloroethane	ND		0.00500	1	02/08/2026 08:09	WG2689185
Chloroform	ND		0.00500	1	02/08/2026 08:09	WG2689185
Chloromethane	ND		0.00500	1	02/08/2026 08:09	WG2689185
2-Chlorotoluene	ND		0.00100	1	02/08/2026 08:09	WG2689185
4-Chlorotoluene	ND		0.00100	1	02/08/2026 08:09	WG2689185
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	02/08/2026 08:09	WG2689185
1,2-Dibromoethane	ND		0.00100	1	02/08/2026 08:09	WG2689185
Dibromomethane	ND		0.00100	1	02/08/2026 08:09	WG2689185
1,2-Dichlorobenzene	ND		0.00100	1	02/08/2026 08:09	WG2689185
1,3-Dichlorobenzene	ND		0.00100	1	02/08/2026 08:09	WG2689185
1,4-Dichlorobenzene	ND		0.00100	1	02/08/2026 08:09	WG2689185
Dichlorodifluoromethane	ND	C3	0.00500	1	02/08/2026 08:09	WG2689185
1,1-Dichloroethane	ND		0.00100	1	02/08/2026 08:09	WG2689185
1,2-Dichloroethane	ND		0.00100	1	02/08/2026 08:09	WG2689185
1,1-Dichloroethene	ND		0.00100	1	02/08/2026 08:09	WG2689185
cis-1,2-Dichloroethene	ND		0.00100	1	02/08/2026 08:09	WG2689185
trans-1,2-Dichloroethene	ND		0.00100	1	02/08/2026 08:09	WG2689185
1,2-Dichloropropane	ND		0.00100	1	02/08/2026 08:09	WG2689185
1,1-Dichloropropene	ND		0.00100	1	02/08/2026 08:09	WG2689185
1,3-Dichloropropane	ND		0.00100	1	02/08/2026 08:09	WG2689185
cis-1,3-Dichloropropene	ND		0.00100	1	02/08/2026 08:09	WG2689185
trans-1,3-Dichloropropene	ND		0.00100	1	02/08/2026 08:09	WG2689185
2,2-Dichloropropane	ND		0.00100	1	02/08/2026 08:09	WG2689185
Di-isopropyl ether	ND		0.00100	1	02/08/2026 08:09	WG2689185
Ethylbenzene	ND		0.00100	1	02/08/2026 08:09	WG2689185
Hexachloro-1,3-butadiene	ND		0.00200	1	02/08/2026 08:09	WG2689185
Isopropylbenzene	ND		0.00100	1	02/08/2026 08:09	WG2689185
p-Isopropyltoluene	ND		0.00100	1	02/08/2026 08:09	WG2689185
2-Butanone (MEK)	ND		0.0200	1	02/08/2026 08:09	WG2689185
Methylene Chloride	ND		0.00500	1	02/08/2026 08:09	WG2689185
4-Methyl-2-pentanone (MIBK)	ND		0.0200	1	02/08/2026 08:09	WG2689185
Methyl tert-butyl ether	ND		0.00100	1	02/08/2026 08:09	WG2689185
Naphthalene	0.00794		0.00500	1	02/08/2026 08:09	WG2689185
n-Propylbenzene	ND		0.00100	1	02/08/2026 08:09	WG2689185
Styrene	ND		0.00100	1	02/08/2026 08:09	WG2689185
1,1,1,2-Tetrachloroethane	ND		0.00100	1	02/08/2026 08:09	WG2689185
1,1,2,2-Tetrachloroethane	ND		0.00100	1	02/08/2026 08:09	WG2689185
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	02/08/2026 08:09	WG2689185
Tetrachloroethene	ND		0.00100	1	02/08/2026 08:09	WG2689185
Toluene	ND		0.00100	1	02/08/2026 08:09	WG2689185
1,2,3-Trichlorobenzene	ND		0.00100	1	02/08/2026 08:09	WG2689185
1,2,4-Trichlorobenzene	ND		0.00200	1	02/08/2026 08:09	WG2689185

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		0.00100	1	02/08/2026 08:09	WG2689185
1,1,2-Trichloroethane	ND		0.00100	1	02/08/2026 08:09	WG2689185
Trichloroethene	ND		0.00100	1	02/08/2026 08:09	WG2689185
Trichlorofluoromethane	ND		0.00500	1	02/08/2026 08:09	WG2689185
1,2,3-Trichloropropane	ND		0.00250	1	02/08/2026 08:09	WG2689185
1,2,4-Trimethylbenzene	ND		0.00200	1	02/08/2026 08:09	WG2689185
1,2,3-Trimethylbenzene	ND		0.00100	1	02/08/2026 08:09	WG2689185
1,3,5-Trimethylbenzene	ND		0.00100	1	02/08/2026 08:09	WG2689185
Vinyl chloride	ND		0.00100	1	02/08/2026 08:09	WG2689185
Xylenes, Total	ND		0.00300	1	02/08/2026 08:09	WG2689185
(S) Toluene-d8	*95.9*		*80.0-120*		*02/08/2026 08:09*	WG2689185
(S) 4-Bromofluorobenzene	*98.5*		*77.0-126*		*02/08/2026 08:09*	WG2689185
(S) 1,2-Dichloroethane-d4	*92.3*		*70.0-130*		*02/08/2026 08:09*	WG2689185

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.00100	1	02/10/2026 18:33	WG2687447
Acenaphthylene	ND		0.00100	1	02/10/2026 18:33	WG2687447
Anthracene	ND		0.00100	1	02/10/2026 18:33	WG2687447
Benzidine	ND		0.0200	1	02/10/2026 18:33	WG2687447
Benzo(a)anthracene	ND		0.00100	1	02/10/2026 18:33	WG2687447
Benzo(b)fluoranthene	ND		0.00100	1	02/10/2026 18:33	WG2687447
Benzo(k)fluoranthene	ND		0.00100	1	02/10/2026 18:33	WG2687447
Benzo(g,h,i)perylene	ND		0.00100	1	02/10/2026 18:33	WG2687447
Benzo(a)pyrene	ND		0.00100	1	02/10/2026 18:33	WG2687447
Bis(2-chlorethoxy)methane	ND		0.0100	1	02/10/2026 18:33	WG2687447
Bis(2-chloroethyl)ether	ND		0.0100	1	02/10/2026 18:33	WG2687447
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	02/10/2026 18:33	WG2687447
4-Bromophenyl-phenylether	ND		0.0100	1	02/10/2026 18:33	WG2687447
2-Chloronaphthalene	ND		0.00100	1	02/10/2026 18:33	WG2687447
4-Chlorophenyl-phenylether	ND		0.0100	1	02/10/2026 18:33	WG2687447
Chrysene	ND		0.00100	1	02/10/2026 18:33	WG2687447
Dibenz(a,h)anthracene	ND		0.00100	1	02/10/2026 18:33	WG2687447
1,2-Dichlorobenzene	ND		0.0100	1	02/10/2026 18:33	WG2687447
1,3-Dichlorobenzene	ND		0.0100	1	02/10/2026 18:33	WG2687447
1,4-Dichlorobenzene	ND		0.0100	1	02/10/2026 18:33	WG2687447
3,3-Dichlorobenzidine	ND		0.0100	1	02/10/2026 18:33	WG2687447
2,4-Dinitrotoluene	ND		0.0100	1	02/10/2026 18:33	WG2687447
2,6-Dinitrotoluene	ND		0.0100	1	02/10/2026 18:33	WG2687447
Fluoranthene	ND		0.00100	1	02/10/2026 18:33	WG2687447
Fluorene	ND		0.00100	1	02/10/2026 18:33	WG2687447
Hexachlorobenzene	ND		0.00100	1	02/10/2026 18:33	WG2687447
Hexachloro-1,3-butadiene	ND		0.0100	1	02/10/2026 18:33	WG2687447
Hexachlorocyclopentadiene	ND	C3	0.0100	1	02/10/2026 18:33	WG2687447
Hexachloroethane	ND		0.0100	1	02/10/2026 18:33	WG2687447
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	02/10/2026 18:33	WG2687447
Isophorone	ND		0.0100	1	02/10/2026 18:33	WG2687447
Naphthalene	0.00213		0.00100	1	02/10/2026 18:33	WG2687447
Nitrobenzene	ND		0.0100	1	02/10/2026 18:33	WG2687447
n-Nitrosodimethylamine	ND		0.0100	1	02/10/2026 18:33	WG2687447
n-Nitrosodiphenylamine	ND		0.0100	1	02/10/2026 18:33	WG2687447
n-Nitrosodi-n-propylamine	ND		0.0100	1	02/10/2026 18:33	WG2687447
Phenanthrene	ND		0.00100	1	02/10/2026 18:33	WG2687447
Benzylbutyl phthalate	ND		0.00300	1	02/10/2026 18:33	WG2687447
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	02/10/2026 18:33	WG2687447

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Di-n-butyl phthalate	ND		0.00300	1	02/10/2026 18:33	WG2687447
Diethyl phthalate	ND		0.00300	1	02/10/2026 18:33	WG2687447
Dimethyl phthalate	ND		0.00300	1	02/10/2026 18:33	WG2687447
Di-n-octyl phthalate	ND		0.00300	1	02/10/2026 18:33	WG2687447
Pyrene	ND		0.00100	1	02/10/2026 18:33	WG2687447
1,2,4-Trichlorobenzene	ND		0.0100	1	02/10/2026 18:33	WG2687447
4-Chloro-3-methylphenol	ND		0.0100	1	02/10/2026 18:33	WG2687447
2-Chlorophenol	ND		0.0100	1	02/10/2026 18:33	WG2687447
2,4-Dichlorophenol	ND		0.0100	1	02/10/2026 18:33	WG2687447
2,4-Dimethylphenol	ND		0.0100	1	02/10/2026 18:33	WG2687447
4,6-Dinitro-2-methylphenol	ND		0.0100	1	02/10/2026 18:33	WG2687447
2,4-Dinitrophenol	ND		0.0100	1	02/10/2026 18:33	WG2687447
2-Nitrophenol	ND		0.0100	1	02/10/2026 18:33	WG2687447
4-Nitrophenol	ND		0.0100	1	02/10/2026 18:33	WG2687447
Pentachlorophenol	ND		0.0100	1	02/10/2026 18:33	WG2687447
Phenol	ND		0.0100	1	02/10/2026 18:33	WG2687447
2,4,6-Trichlorophenol	ND		0.0100	1	02/10/2026 18:33	WG2687447
(S) 2-Fluorophenol	*30.4*		*10.0-120*		*02/10/2026 18:33*	WG2687447
(S) Phenol-d5	*20.3*		*10.0-120*		*02/10/2026 18:33*	WG2687447
(S) Nitrobenzene-d5	*56.4*		*10.0-127*		*02/10/2026 18:33*	WG2687447
(S) 2-Fluorobiphenyl	*53.7*		*10.0-130*		*02/10/2026 18:33*	WG2687447
(S) 2,4,6-Tribromophenol	*71.3*		*10.0-155*		*02/10/2026 18:33*	WG2687447
(S) p-Terphenyl-d14	*67.4*		*10.0-128*		*02/10/2026 18:33*	WG2687447

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	02/07/2026 13:48	WG2689186
Acrolein	ND	J4	0.0500	1	02/07/2026 13:48	WG2689186
Acrylonitrile	ND		0.0100	1	02/07/2026 13:48	WG2689186
Benzene	ND		0.00100	1	02/07/2026 13:48	WG2689186
Bromobenzene	ND		0.00100	1	02/07/2026 13:48	WG2689186
Bromodichloromethane	ND		0.00100	1	02/07/2026 13:48	WG2689186
Bromoform	ND		0.00100	1	02/07/2026 13:48	WG2689186
Bromomethane	ND	C3	0.00500	1	02/07/2026 13:48	WG2689186
n-Butylbenzene	ND		0.00100	1	02/07/2026 13:48	WG2689186
sec-Butylbenzene	ND		0.00100	1	02/07/2026 13:48	WG2689186
tert-Butylbenzene	ND		0.00100	1	02/07/2026 13:48	WG2689186
Carbon tetrachloride	ND		0.00100	1	02/07/2026 13:48	WG2689186
Chlorobenzene	ND		0.00100	1	02/07/2026 13:48	WG2689186
Chlorodibromomethane	ND		0.00100	1	02/07/2026 13:48	WG2689186
Chloroethane	ND		0.00500	1	02/07/2026 13:48	WG2689186
Chloroform	ND		0.00500	1	02/07/2026 13:48	WG2689186
Chloromethane	ND	C3	0.00500	1	02/07/2026 13:48	WG2689186
2-Chlorotoluene	ND		0.00100	1	02/07/2026 13:48	WG2689186
4-Chlorotoluene	ND		0.00100	1	02/07/2026 13:48	WG2689186
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	02/07/2026 13:48	WG2689186
1,2-Dibromoethane	ND		0.00100	1	02/07/2026 13:48	WG2689186
Dibromomethane	ND		0.00100	1	02/07/2026 13:48	WG2689186
1,2-Dichlorobenzene	ND		0.00100	1	02/07/2026 13:48	WG2689186
1,3-Dichlorobenzene	ND		0.00100	1	02/07/2026 13:48	WG2689186
1,4-Dichlorobenzene	ND		0.00100	1	02/07/2026 13:48	WG2689186
Dichlorodifluoromethane	ND		0.00500	1	02/07/2026 13:48	WG2689186
1,1-Dichloroethane	ND		0.00100	1	02/07/2026 13:48	WG2689186
1,2-Dichloroethane	ND		0.00100	1	02/07/2026 13:48	WG2689186
1,1-Dichloroethene	ND		0.00100	1	02/07/2026 13:48	WG2689186
cis-1,2-Dichloroethene	ND		0.00100	1	02/07/2026 13:48	WG2689186
trans-1,2-Dichloroethene	ND		0.00100	1	02/07/2026 13:48	WG2689186
1,2-Dichloropropane	ND		0.00100	1	02/07/2026 13:48	WG2689186
1,1-Dichloropropene	ND		0.00100	1	02/07/2026 13:48	WG2689186
1,3-Dichloropropane	ND		0.00100	1	02/07/2026 13:48	WG2689186
cis-1,3-Dichloropropene	ND		0.00100	1	02/07/2026 13:48	WG2689186
trans-1,3-Dichloropropene	ND		0.00100	1	02/07/2026 13:48	WG2689186
2,2-Dichloropropane	ND		0.00100	1	02/07/2026 13:48	WG2689186
Di-isopropyl ether	ND		0.00100	1	02/07/2026 13:48	WG2689186
Ethylbenzene	ND		0.00100	1	02/07/2026 13:48	WG2689186
Hexachloro-1,3-butadiene	ND		0.00200	1	02/07/2026 13:48	WG2689186
Isopropylbenzene	ND		0.00100	1	02/07/2026 13:48	WG2689186
p-Isopropyltoluene	ND		0.00100	1	02/07/2026 13:48	WG2689186
2-Butanone (MEK)	ND		0.0200	1	02/07/2026 13:48	WG2689186
Methylene Chloride	ND		0.00500	1	02/07/2026 13:48	WG2689186
4-Methyl-2-pentanone (MIBK)	ND		0.0200	1	02/07/2026 13:48	WG2689186
Methyl tert-butyl ether	ND		0.00100	1	02/07/2026 13:48	WG2689186
Naphthalene	0.0268	C3	0.00500	1	02/07/2026 13:48	WG2689186
n-Propylbenzene	ND		0.00100	1	02/07/2026 13:48	WG2689186
Styrene	ND		0.00100	1	02/07/2026 13:48	WG2689186
1,1,1,2-Tetrachloroethane	ND		0.00100	1	02/07/2026 13:48	WG2689186
1,1,2,2-Tetrachloroethane	ND		0.00100	1	02/07/2026 13:48	WG2689186
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	02/07/2026 13:48	WG2689186
Tetrachloroethene	ND		0.00100	1	02/07/2026 13:48	WG2689186
Toluene	ND		0.00100	1	02/07/2026 13:48	WG2689186
1,2,3-Trichlorobenzene	ND	J4	0.00100	1	02/07/2026 13:48	WG2689186
1,2,4-Trichlorobenzene	ND		0.00200	1	02/07/2026 13:48	WG2689186

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		0.00100	1	02/07/2026 13:48	WG2689186
1,1,2-Trichloroethane	ND		0.00100	1	02/07/2026 13:48	WG2689186
Trichloroethene	ND		0.00100	1	02/07/2026 13:48	WG2689186
Trichlorofluoromethane	ND		0.00500	1	02/07/2026 13:48	WG2689186
1,2,3-Trichloropropane	ND		0.00250	1	02/07/2026 13:48	WG2689186
1,2,4-Trimethylbenzene	ND		0.00200	1	02/07/2026 13:48	WG2689186
1,2,3-Trimethylbenzene	ND		0.00100	1	02/07/2026 13:48	WG2689186
1,3,5-Trimethylbenzene	ND		0.00100	1	02/07/2026 13:48	WG2689186
Vinyl chloride	ND		0.00100	1	02/07/2026 13:48	WG2689186
Xylenes, Total	ND		0.00300	1	02/07/2026 13:48	WG2689186
(S) Toluene-d8	*98.7*		*80.0-120*		*02/07/2026 13:48*	WG2689186
(S) 4-Bromofluorobenzene	*90.1*		*77.0-126*		*02/07/2026 13:48*	WG2689186
(S) 1,2-Dichloroethane-d4	*117*		*70.0-130*		*02/07/2026 13:48*	WG2689186

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.00100	1	02/10/2026 18:55	WG2687447
Acenaphthylene	ND		0.00100	1	02/10/2026 18:55	WG2687447
Anthracene	ND		0.00100	1	02/10/2026 18:55	WG2687447
Benzidine	ND		0.0200	1	02/10/2026 18:55	WG2687447
Benzo(a)anthracene	ND		0.00100	1	02/10/2026 18:55	WG2687447
Benzo(b)fluoranthene	ND		0.00100	1	02/10/2026 18:55	WG2687447
Benzo(k)fluoranthene	ND		0.00100	1	02/10/2026 18:55	WG2687447
Benzo(g,h,i)perylene	ND		0.00100	1	02/10/2026 18:55	WG2687447
Benzo(a)pyrene	ND		0.00100	1	02/10/2026 18:55	WG2687447
Bis(2-chlorethoxy)methane	ND		0.0100	1	02/10/2026 18:55	WG2687447
Bis(2-chloroethyl)ether	ND		0.0100	1	02/10/2026 18:55	WG2687447
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	02/10/2026 18:55	WG2687447
4-Bromophenyl-phenylether	ND		0.0100	1	02/10/2026 18:55	WG2687447
2-Chloronaphthalene	ND		0.00100	1	02/10/2026 18:55	WG2687447
4-Chlorophenyl-phenylether	ND		0.0100	1	02/10/2026 18:55	WG2687447
Chrysene	ND		0.00100	1	02/10/2026 18:55	WG2687447
Dibenz(a,h)anthracene	ND		0.00100	1	02/10/2026 18:55	WG2687447
1,2-Dichlorobenzene	ND		0.0100	1	02/10/2026 18:55	WG2687447
1,3-Dichlorobenzene	ND		0.0100	1	02/10/2026 18:55	WG2687447
1,4-Dichlorobenzene	ND		0.0100	1	02/10/2026 18:55	WG2687447
3,3-Dichlorobenzidine	ND		0.0100	1	02/10/2026 18:55	WG2687447
2,4-Dinitrotoluene	ND		0.0100	1	02/10/2026 18:55	WG2687447
2,6-Dinitrotoluene	ND		0.0100	1	02/10/2026 18:55	WG2687447
Fluoranthene	ND		0.00100	1	02/10/2026 18:55	WG2687447
Fluorene	ND		0.00100	1	02/10/2026 18:55	WG2687447
Hexachlorobenzene	ND		0.00100	1	02/10/2026 18:55	WG2687447
Hexachloro-1,3-butadiene	ND		0.0100	1	02/10/2026 18:55	WG2687447
Hexachlorocyclopentadiene	ND	C3	0.0100	1	02/10/2026 18:55	WG2687447
Hexachloroethane	ND		0.0100	1	02/10/2026 18:55	WG2687447
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	02/10/2026 18:55	WG2687447
Isophorone	ND		0.0100	1	02/10/2026 18:55	WG2687447
Naphthalene	0.0213		0.00100	1	02/10/2026 18:55	WG2687447
Nitrobenzene	ND		0.0100	1	02/10/2026 18:55	WG2687447
n-Nitrosodimethylamine	ND		0.0100	1	02/10/2026 18:55	WG2687447
n-Nitrosodiphenylamine	ND		0.0100	1	02/10/2026 18:55	WG2687447
n-Nitrosodi-n-propylamine	ND		0.0100	1	02/10/2026 18:55	WG2687447
Phenanthrene	ND		0.00100	1	02/10/2026 18:55	WG2687447
Benzylbutyl phthalate	ND		0.00300	1	02/10/2026 18:55	WG2687447
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	02/10/2026 18:55	WG2687447

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Di-n-butyl phthalate	ND		0.00300	1	02/10/2026 18:55	WG2687447
Diethyl phthalate	ND		0.00300	1	02/10/2026 18:55	WG2687447
Dimethyl phthalate	ND		0.00300	1	02/10/2026 18:55	WG2687447
Di-n-octyl phthalate	ND		0.00300	1	02/10/2026 18:55	WG2687447
Pyrene	ND		0.00100	1	02/10/2026 18:55	WG2687447
1,2,4-Trichlorobenzene	ND		0.0100	1	02/10/2026 18:55	WG2687447
4-Chloro-3-methylphenol	ND		0.0100	1	02/10/2026 18:55	WG2687447
2-Chlorophenol	ND		0.0100	1	02/10/2026 18:55	WG2687447
2,4-Dichlorophenol	ND		0.0100	1	02/10/2026 18:55	WG2687447
2,4-Dimethylphenol	ND		0.0100	1	02/10/2026 18:55	WG2687447
4,6-Dinitro-2-methylphenol	ND		0.0100	1	02/10/2026 18:55	WG2687447
2,4-Dinitrophenol	ND		0.0100	1	02/10/2026 18:55	WG2687447
2-Nitrophenol	ND		0.0100	1	02/10/2026 18:55	WG2687447
4-Nitrophenol	ND		0.0100	1	02/10/2026 18:55	WG2687447
Pentachlorophenol	ND		0.0100	1	02/10/2026 18:55	WG2687447
Phenol	ND		0.0100	1	02/10/2026 18:55	WG2687447
2,4,6-Trichlorophenol	ND		0.0100	1	02/10/2026 18:55	WG2687447
(S) 2-Fluorophenol	*30.8*		*10.0-120*		*02/10/2026 18:55*	WG2687447
(S) Phenol-d5	*21.8*		*10.0-120*		*02/10/2026 18:55*	WG2687447
(S) Nitrobenzene-d5	*67.1*		*10.0-127*		*02/10/2026 18:55*	WG2687447
(S) 2-Fluorobiphenyl	*58.8*		*10.0-130*		*02/10/2026 18:55*	WG2687447
(S) 2,4,6-Tribromophenol	*53.7*		*10.0-155*		*02/10/2026 18:55*	WG2687447
(S) p-Terphenyl-d14	*69.1*		*10.0-128*		*02/10/2026 18:55*	WG2687447

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	02/07/2026 14:08	WG2689186
Acrolein	ND	J4	0.0500	1	02/07/2026 14:08	WG2689186
Acrylonitrile	ND		0.0100	1	02/07/2026 14:08	WG2689186
Benzene	ND		0.00100	1	02/07/2026 14:08	WG2689186
Bromobenzene	ND		0.00100	1	02/07/2026 14:08	WG2689186
Bromodichloromethane	ND		0.00100	1	02/07/2026 14:08	WG2689186
Bromoform	ND		0.00100	1	02/07/2026 14:08	WG2689186
Bromomethane	ND	C3	0.00500	1	02/07/2026 14:08	WG2689186
n-Butylbenzene	ND		0.00100	1	02/07/2026 14:08	WG2689186
sec-Butylbenzene	ND		0.00100	1	02/07/2026 14:08	WG2689186
tert-Butylbenzene	ND		0.00100	1	02/07/2026 14:08	WG2689186
Carbon tetrachloride	ND		0.00100	1	02/07/2026 14:08	WG2689186
Chlorobenzene	ND		0.00100	1	02/07/2026 14:08	WG2689186
Chlorodibromomethane	ND		0.00100	1	02/07/2026 14:08	WG2689186
Chloroethane	ND		0.00500	1	02/07/2026 14:08	WG2689186
Chloroform	ND		0.00500	1	02/07/2026 14:08	WG2689186
Chloromethane	ND	C3	0.00500	1	02/07/2026 14:08	WG2689186
2-Chlorotoluene	ND		0.00100	1	02/07/2026 14:08	WG2689186
4-Chlorotoluene	ND		0.00100	1	02/07/2026 14:08	WG2689186
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	02/07/2026 14:08	WG2689186
1,2-Dibromoethane	ND		0.00100	1	02/07/2026 14:08	WG2689186
Dibromomethane	ND		0.00100	1	02/07/2026 14:08	WG2689186
1,2-Dichlorobenzene	ND		0.00100	1	02/07/2026 14:08	WG2689186
1,3-Dichlorobenzene	ND		0.00100	1	02/07/2026 14:08	WG2689186
1,4-Dichlorobenzene	ND		0.00100	1	02/07/2026 14:08	WG2689186
Dichlorodifluoromethane	ND		0.00500	1	02/07/2026 14:08	WG2689186
1,1-Dichloroethane	ND		0.00100	1	02/07/2026 14:08	WG2689186
1,2-Dichloroethane	ND		0.00100	1	02/07/2026 14:08	WG2689186
1,1-Dichloroethene	ND		0.00100	1	02/07/2026 14:08	WG2689186
cis-1,2-Dichloroethene	ND		0.00100	1	02/07/2026 14:08	WG2689186
trans-1,2-Dichloroethene	ND		0.00100	1	02/07/2026 14:08	WG2689186
1,2-Dichloropropane	ND		0.00100	1	02/07/2026 14:08	WG2689186
1,1-Dichloropropene	ND		0.00100	1	02/07/2026 14:08	WG2689186
1,3-Dichloropropane	ND		0.00100	1	02/07/2026 14:08	WG2689186
cis-1,3-Dichloropropene	ND		0.00100	1	02/07/2026 14:08	WG2689186
trans-1,3-Dichloropropene	ND		0.00100	1	02/07/2026 14:08	WG2689186
2,2-Dichloropropane	ND		0.00100	1	02/07/2026 14:08	WG2689186
Di-isopropyl ether	ND		0.00100	1	02/07/2026 14:08	WG2689186
Ethylbenzene	ND		0.00100	1	02/07/2026 14:08	WG2689186
Hexachloro-1,3-butadiene	ND		0.00200	1	02/07/2026 14:08	WG2689186
Isopropylbenzene	ND		0.00100	1	02/07/2026 14:08	WG2689186
p-Isopropyltoluene	ND		0.00100	1	02/07/2026 14:08	WG2689186
2-Butanone (MEK)	ND		0.0200	1	02/07/2026 14:08	WG2689186
Methylene Chloride	ND		0.00500	1	02/07/2026 14:08	WG2689186
4-Methyl-2-pentanone (MIBK)	ND		0.0200	1	02/07/2026 14:08	WG2689186
Methyl tert-butyl ether	ND		0.00100	1	02/07/2026 14:08	WG2689186
Naphthalene	ND	C3	0.00500	1	02/07/2026 14:08	WG2689186
n-Propylbenzene	ND		0.00100	1	02/07/2026 14:08	WG2689186
Styrene	ND		0.00100	1	02/07/2026 14:08	WG2689186
1,1,1,2-Tetrachloroethane	ND		0.00100	1	02/07/2026 14:08	WG2689186
1,1,2,2-Tetrachloroethane	ND		0.00100	1	02/07/2026 14:08	WG2689186
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	02/07/2026 14:08	WG2689186
Tetrachloroethene	ND		0.00100	1	02/07/2026 14:08	WG2689186
Toluene	ND		0.00100	1	02/07/2026 14:08	WG2689186
1,2,3-Trichlorobenzene	ND	J4	0.00100	1	02/07/2026 14:08	WG2689186
1,2,4-Trichlorobenzene	ND		0.00200	1	02/07/2026 14:08	WG2689186

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		0.00100	1	02/07/2026 14:08	WG2689186
1,1,2-Trichloroethane	ND		0.00100	1	02/07/2026 14:08	WG2689186
Trichloroethene	ND		0.00100	1	02/07/2026 14:08	WG2689186
Trichlorofluoromethane	ND		0.00500	1	02/07/2026 14:08	WG2689186
1,2,3-Trichloropropane	ND		0.00250	1	02/07/2026 14:08	WG2689186
1,2,4-Trimethylbenzene	ND		0.00200	1	02/07/2026 14:08	WG2689186
1,2,3-Trimethylbenzene	ND		0.00100	1	02/07/2026 14:08	WG2689186
1,3,5-Trimethylbenzene	ND		0.00100	1	02/07/2026 14:08	WG2689186
Vinyl chloride	ND		0.00100	1	02/07/2026 14:08	WG2689186
Xylenes, Total	ND		0.00300	1	02/07/2026 14:08	WG2689186
(S) Toluene-d8	*100*		*80.0-120*		*02/07/2026 14:08*	WG2689186
(S) 4-Bromofluorobenzene	*91.0*		*77.0-126*		*02/07/2026 14:08*	WG2689186
(S) 1,2-Dichloroethane-d4	*116*		*70.0-130*		*02/07/2026 14:08*	WG2689186

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.00100	1	02/10/2026 19:17	WG2687447
Acenaphthylene	ND		0.00100	1	02/10/2026 19:17	WG2687447
Anthracene	ND		0.00100	1	02/10/2026 19:17	WG2687447
Benzidine	ND		0.0200	1	02/10/2026 19:17	WG2687447
Benzo(a)anthracene	ND		0.00100	1	02/10/2026 19:17	WG2687447
Benzo(b)fluoranthene	ND		0.00100	1	02/10/2026 19:17	WG2687447
Benzo(k)fluoranthene	ND		0.00100	1	02/10/2026 19:17	WG2687447
Benzo(g,h,i)perylene	ND		0.00100	1	02/10/2026 19:17	WG2687447
Benzo(a)pyrene	ND		0.00100	1	02/10/2026 19:17	WG2687447
Bis(2-chlorethoxy)methane	ND		0.0100	1	02/10/2026 19:17	WG2687447
Bis(2-chloroethyl)ether	ND		0.0100	1	02/10/2026 19:17	WG2687447
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	02/10/2026 19:17	WG2687447
4-Bromophenyl-phenylether	ND		0.0100	1	02/10/2026 19:17	WG2687447
2-Chloronaphthalene	ND		0.00100	1	02/10/2026 19:17	WG2687447
4-Chlorophenyl-phenylether	ND		0.0100	1	02/10/2026 19:17	WG2687447
Chrysene	ND		0.00100	1	02/10/2026 19:17	WG2687447
Dibenz(a,h)anthracene	ND		0.00100	1	02/10/2026 19:17	WG2687447
1,2-Dichlorobenzene	ND		0.0100	1	02/10/2026 19:17	WG2687447
1,3-Dichlorobenzene	ND		0.0100	1	02/10/2026 19:17	WG2687447
1,4-Dichlorobenzene	ND		0.0100	1	02/10/2026 19:17	WG2687447
3,3-Dichlorobenzidine	ND		0.0100	1	02/10/2026 19:17	WG2687447
2,4-Dinitrotoluene	ND		0.0100	1	02/10/2026 19:17	WG2687447
2,6-Dinitrotoluene	ND		0.0100	1	02/10/2026 19:17	WG2687447
Fluoranthene	ND		0.00100	1	02/10/2026 19:17	WG2687447
Fluorene	ND		0.00100	1	02/10/2026 19:17	WG2687447
Hexachlorobenzene	ND		0.00100	1	02/10/2026 19:17	WG2687447
Hexachloro-1,3-butadiene	ND		0.0100	1	02/10/2026 19:17	WG2687447
Hexachlorocyclopentadiene	ND	C3	0.0100	1	02/10/2026 19:17	WG2687447
Hexachloroethane	ND		0.0100	1	02/10/2026 19:17	WG2687447
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	02/10/2026 19:17	WG2687447
Isophorone	ND		0.0100	1	02/10/2026 19:17	WG2687447
Naphthalene	0.00316		0.00100	1	02/10/2026 19:17	WG2687447
Nitrobenzene	ND		0.0100	1	02/10/2026 19:17	WG2687447
n-Nitrosodimethylamine	ND		0.0100	1	02/10/2026 19:17	WG2687447
n-Nitrosodiphenylamine	ND		0.0100	1	02/10/2026 19:17	WG2687447
n-Nitrosodi-n-propylamine	ND		0.0100	1	02/10/2026 19:17	WG2687447
Phenanthrene	ND		0.00100	1	02/10/2026 19:17	WG2687447
Benzylbutyl phthalate	ND		0.00300	1	02/10/2026 19:17	WG2687447
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	02/10/2026 19:17	WG2687447

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Di-n-butyl phthalate	ND		0.00300	1	02/10/2026 19:17	WG2687447
Diethyl phthalate	ND		0.00300	1	02/10/2026 19:17	WG2687447
Dimethyl phthalate	ND		0.00300	1	02/10/2026 19:17	WG2687447
Di-n-octyl phthalate	ND		0.00300	1	02/10/2026 19:17	WG2687447
Pyrene	ND		0.00100	1	02/10/2026 19:17	WG2687447
1,2,4-Trichlorobenzene	ND		0.0100	1	02/10/2026 19:17	WG2687447
4-Chloro-3-methylphenol	ND		0.0100	1	02/10/2026 19:17	WG2687447
2-Chlorophenol	ND		0.0100	1	02/10/2026 19:17	WG2687447
2,4-Dichlorophenol	ND		0.0100	1	02/10/2026 19:17	WG2687447
2,4-Dimethylphenol	ND		0.0100	1	02/10/2026 19:17	WG2687447
4,6-Dinitro-2-methylphenol	ND		0.0100	1	02/10/2026 19:17	WG2687447
2,4-Dinitrophenol	ND		0.0100	1	02/10/2026 19:17	WG2687447
2-Nitrophenol	ND		0.0100	1	02/10/2026 19:17	WG2687447
4-Nitrophenol	ND		0.0100	1	02/10/2026 19:17	WG2687447
Pentachlorophenol	ND		0.0100	1	02/10/2026 19:17	WG2687447
Phenol	ND		0.0100	1	02/10/2026 19:17	WG2687447
2,4,6-Trichlorophenol	ND		0.0100	1	02/10/2026 19:17	WG2687447
(S) 2-Fluorophenol	*22.8*		*10.0-120*		*02/10/2026 19:17*	WG2687447
(S) Phenol-d5	*19.4*		*10.0-120*		*02/10/2026 19:17*	WG2687447
(S) Nitrobenzene-d5	*65.8*		*10.0-127*		*02/10/2026 19:17*	WG2687447
(S) 2-Fluorobiphenyl	*61.4*		*10.0-130*		*02/10/2026 19:17*	WG2687447
(S) 2,4,6-Tribromophenol	*35.3*		*10.0-155*		*02/10/2026 19:17*	WG2687447
(S) p-Terphenyl-d14	*79.8*		*10.0-128*		*02/10/2026 19:17*	WG2687447

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	02/07/2026 14:29	WG2689186
Acrolein	ND	J4	0.0500	1	02/07/2026 14:29	WG2689186
Acrylonitrile	ND		0.0100	1	02/07/2026 14:29	WG2689186
Benzene	ND		0.00100	1	02/07/2026 14:29	WG2689186
Bromobenzene	ND		0.00100	1	02/07/2026 14:29	WG2689186
Bromodichloromethane	ND		0.00100	1	02/07/2026 14:29	WG2689186
Bromoform	ND		0.00100	1	02/07/2026 14:29	WG2689186
Bromomethane	ND	C3	0.00500	1	02/07/2026 14:29	WG2689186
n-Butylbenzene	ND		0.00100	1	02/07/2026 14:29	WG2689186
sec-Butylbenzene	ND		0.00100	1	02/07/2026 14:29	WG2689186
tert-Butylbenzene	ND		0.00100	1	02/07/2026 14:29	WG2689186
Carbon tetrachloride	ND		0.00100	1	02/07/2026 14:29	WG2689186
Chlorobenzene	ND		0.00100	1	02/07/2026 14:29	WG2689186
Chlorodibromomethane	ND		0.00100	1	02/07/2026 14:29	WG2689186
Chloroethane	ND		0.00500	1	02/07/2026 14:29	WG2689186
Chloroform	ND		0.00500	1	02/07/2026 14:29	WG2689186
Chloromethane	ND	C3	0.00500	1	02/07/2026 14:29	WG2689186
2-Chlorotoluene	ND		0.00100	1	02/07/2026 14:29	WG2689186
4-Chlorotoluene	ND		0.00100	1	02/07/2026 14:29	WG2689186
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	02/07/2026 14:29	WG2689186
1,2-Dibromoethane	ND		0.00100	1	02/07/2026 14:29	WG2689186
Dibromomethane	ND		0.00100	1	02/07/2026 14:29	WG2689186
1,2-Dichlorobenzene	ND		0.00100	1	02/07/2026 14:29	WG2689186
1,3-Dichlorobenzene	ND		0.00100	1	02/07/2026 14:29	WG2689186
1,4-Dichlorobenzene	ND		0.00100	1	02/07/2026 14:29	WG2689186
Dichlorodifluoromethane	ND		0.00500	1	02/07/2026 14:29	WG2689186
1,1-Dichloroethane	ND		0.00100	1	02/07/2026 14:29	WG2689186
1,2-Dichloroethane	ND		0.00100	1	02/07/2026 14:29	WG2689186
1,1-Dichloroethene	ND		0.00100	1	02/07/2026 14:29	WG2689186
cis-1,2-Dichloroethene	ND		0.00100	1	02/07/2026 14:29	WG2689186
trans-1,2-Dichloroethene	ND		0.00100	1	02/07/2026 14:29	WG2689186
1,2-Dichloropropane	ND		0.00100	1	02/07/2026 14:29	WG2689186
1,1-Dichloropropene	ND		0.00100	1	02/07/2026 14:29	WG2689186
1,3-Dichloropropane	ND		0.00100	1	02/07/2026 14:29	WG2689186
cis-1,3-Dichloropropene	ND		0.00100	1	02/07/2026 14:29	WG2689186
trans-1,3-Dichloropropene	ND		0.00100	1	02/07/2026 14:29	WG2689186
2,2-Dichloropropane	ND		0.00100	1	02/07/2026 14:29	WG2689186
Di-isopropyl ether	ND		0.00100	1	02/07/2026 14:29	WG2689186
Ethylbenzene	ND		0.00100	1	02/07/2026 14:29	WG2689186
Hexachloro-1,3-butadiene	ND		0.00200	1	02/07/2026 14:29	WG2689186
Isopropylbenzene	ND		0.00100	1	02/07/2026 14:29	WG2689186
p-Isopropyltoluene	ND		0.00100	1	02/07/2026 14:29	WG2689186
2-Butanone (MEK)	ND		0.0200	1	02/07/2026 14:29	WG2689186
Methylene Chloride	ND		0.00500	1	02/07/2026 14:29	WG2689186
4-Methyl-2-pentanone (MIBK)	ND		0.0200	1	02/07/2026 14:29	WG2689186
Methyl tert-butyl ether	ND		0.00100	1	02/07/2026 14:29	WG2689186
Naphthalene	ND	C3	0.00500	1	02/07/2026 14:29	WG2689186
n-Propylbenzene	ND		0.00100	1	02/07/2026 14:29	WG2689186
Styrene	ND		0.00100	1	02/07/2026 14:29	WG2689186
1,1,1,2-Tetrachloroethane	ND		0.00100	1	02/07/2026 14:29	WG2689186
1,1,2,2-Tetrachloroethane	ND		0.00100	1	02/07/2026 14:29	WG2689186
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	02/07/2026 14:29	WG2689186
Tetrachloroethene	ND		0.00100	1	02/07/2026 14:29	WG2689186
Toluene	ND		0.00100	1	02/07/2026 14:29	WG2689186
1,2,3-Trichlorobenzene	ND	J4	0.00100	1	02/07/2026 14:29	WG2689186
1,2,4-Trichlorobenzene	ND		0.00200	1	02/07/2026 14:29	WG2689186

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
1,1,1-Trichloroethane	ND		0.00100	1	02/07/2026 14:29	WG2689186
1,1,2-Trichloroethane	ND		0.00100	1	02/07/2026 14:29	WG2689186
Trichloroethene	ND		0.00100	1	02/07/2026 14:29	WG2689186
Trichlorofluoromethane	ND		0.00500	1	02/07/2026 14:29	WG2689186
1,2,3-Trichloropropane	ND		0.00250	1	02/07/2026 14:29	WG2689186
1,2,4-Trimethylbenzene	ND		0.00200	1	02/07/2026 14:29	WG2689186
1,2,3-Trimethylbenzene	ND		0.00100	1	02/07/2026 14:29	WG2689186
1,3,5-Trimethylbenzene	ND		0.00100	1	02/07/2026 14:29	WG2689186
Vinyl chloride	ND		0.00100	1	02/07/2026 14:29	WG2689186
Xylenes, Total	ND		0.00300	1	02/07/2026 14:29	WG2689186
(S) Toluene-d8	*99.2*		*80.0-120*		*02/07/2026 14:29*	WG2689186
(S) 4-Bromofluorobenzene	*89.8*		*77.0-126*		*02/07/2026 14:29*	WG2689186
(S) 1,2-Dichloroethane-d4	*118*		*70.0-130*		*02/07/2026 14:29*	WG2689186

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acenaphthene	ND		0.00100	1	02/10/2026 19:38	WG2687447
Acenaphthylene	ND		0.00100	1	02/10/2026 19:38	WG2687447
Anthracene	ND		0.00100	1	02/10/2026 19:38	WG2687447
Benzidine	ND		0.0200	1	02/10/2026 19:38	WG2687447
Benzo(a)anthracene	ND		0.00100	1	02/10/2026 19:38	WG2687447
Benzo(b)fluoranthene	ND		0.00100	1	02/10/2026 19:38	WG2687447
Benzo(k)fluoranthene	ND		0.00100	1	02/10/2026 19:38	WG2687447
Benzo(g,h,i)perylene	ND		0.00100	1	02/10/2026 19:38	WG2687447
Benzo(a)pyrene	ND		0.00100	1	02/10/2026 19:38	WG2687447
Bis(2-chlorethoxy)methane	ND		0.0100	1	02/10/2026 19:38	WG2687447
Bis(2-chloroethyl)ether	ND		0.0100	1	02/10/2026 19:38	WG2687447
2,2-Oxybis(1-Chloropropane)	ND		0.0100	1	02/10/2026 19:38	WG2687447
4-Bromophenyl-phenylether	ND		0.0100	1	02/10/2026 19:38	WG2687447
2-Chloronaphthalene	ND		0.00100	1	02/10/2026 19:38	WG2687447
4-Chlorophenyl-phenylether	ND		0.0100	1	02/10/2026 19:38	WG2687447
Chrysene	ND		0.00100	1	02/10/2026 19:38	WG2687447
Dibenz(a,h)anthracene	ND		0.00100	1	02/10/2026 19:38	WG2687447
1,2-Dichlorobenzene	ND		0.0100	1	02/10/2026 19:38	WG2687447
1,3-Dichlorobenzene	ND		0.0100	1	02/10/2026 19:38	WG2687447
1,4-Dichlorobenzene	ND		0.0100	1	02/10/2026 19:38	WG2687447
3,3-Dichlorobenzidine	ND		0.0100	1	02/10/2026 19:38	WG2687447
2,4-Dinitrotoluene	ND		0.0100	1	02/10/2026 19:38	WG2687447
2,6-Dinitrotoluene	ND		0.0100	1	02/10/2026 19:38	WG2687447
Fluoranthene	ND		0.00100	1	02/10/2026 19:38	WG2687447
Fluorene	ND		0.00100	1	02/10/2026 19:38	WG2687447
Hexachlorobenzene	ND		0.00100	1	02/10/2026 19:38	WG2687447
Hexachloro-1,3-butadiene	ND		0.0100	1	02/10/2026 19:38	WG2687447
Hexachlorocyclopentadiene	ND	C3	0.0100	1	02/10/2026 19:38	WG2687447
Hexachloroethane	ND		0.0100	1	02/10/2026 19:38	WG2687447
Indeno(1,2,3-cd)pyrene	ND		0.00100	1	02/10/2026 19:38	WG2687447
Isophorone	ND		0.0100	1	02/10/2026 19:38	WG2687447
Naphthalene	ND		0.00100	1	02/10/2026 19:38	WG2687447
Nitrobenzene	ND		0.0100	1	02/10/2026 19:38	WG2687447
n-Nitrosodimethylamine	ND		0.0100	1	02/10/2026 19:38	WG2687447
n-Nitrosodiphenylamine	ND		0.0100	1	02/10/2026 19:38	WG2687447
n-Nitrosodi-n-propylamine	ND		0.0100	1	02/10/2026 19:38	WG2687447
Phenanthrene	ND		0.00100	1	02/10/2026 19:38	WG2687447
Benzylbutyl phthalate	ND		0.00300	1	02/10/2026 19:38	WG2687447
Bis(2-ethylhexyl)phthalate	ND		0.00300	1	02/10/2026 19:38	WG2687447

Semi Volatile Organic Compounds (GC/MS) by Method 8270E

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Di-n-butyl phthalate	ND		0.00300	1	02/10/2026 19:38	WG2687447
Diethyl phthalate	ND		0.00300	1	02/10/2026 19:38	WG2687447
Dimethyl phthalate	ND		0.00300	1	02/10/2026 19:38	WG2687447
Di-n-octyl phthalate	ND		0.00300	1	02/10/2026 19:38	WG2687447
Pyrene	ND		0.00100	1	02/10/2026 19:38	WG2687447
1,2,4-Trichlorobenzene	ND		0.0100	1	02/10/2026 19:38	WG2687447
4-Chloro-3-methylphenol	ND		0.0100	1	02/10/2026 19:38	WG2687447
2-Chlorophenol	ND		0.0100	1	02/10/2026 19:38	WG2687447
2,4-Dichlorophenol	ND		0.0100	1	02/10/2026 19:38	WG2687447
2,4-Dimethylphenol	ND		0.0100	1	02/10/2026 19:38	WG2687447
4,6-Dinitro-2-methylphenol	ND		0.0100	1	02/10/2026 19:38	WG2687447
2,4-Dinitrophenol	ND		0.0100	1	02/10/2026 19:38	WG2687447
2-Nitrophenol	ND		0.0100	1	02/10/2026 19:38	WG2687447
4-Nitrophenol	ND		0.0100	1	02/10/2026 19:38	WG2687447
Pentachlorophenol	ND		0.0100	1	02/10/2026 19:38	WG2687447
Phenol	ND		0.0100	1	02/10/2026 19:38	WG2687447
2,4,6-Trichlorophenol	ND		0.0100	1	02/10/2026 19:38	WG2687447
(S) 2-Fluorophenol	*27.4*		*10.0-120*		*02/10/2026 19:38*	WG2687447
(S) Phenol-d5	*20.1*		*10.0-120*		*02/10/2026 19:38*	WG2687447
(S) Nitrobenzene-d5	*62.7*		*10.0-127*		*02/10/2026 19:38*	WG2687447
(S) 2-Fluorobiphenyl	*58.9*		*10.0-130*		*02/10/2026 19:38*	WG2687447
(S) 2,4,6-Tribromophenol	*49.0*		*10.0-155*		*02/10/2026 19:38*	WG2687447
(S) p-Terphenyl-d14	*71.6*		*10.0-128*		*02/10/2026 19:38*	WG2687447

Method Blank (MB)

(MB) R4333897-4 02/07/26 22:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0469	0.0500
Acrolein	U		0.0250	0.0500
Acrylonitrile	U		0.00809	0.0100
Benzene	U		0.000320	0.00100
Bromobenzene	U		0.000277	0.00100
Bromodichloromethane	U		0.000371	0.00100
Bromoform	U		0.000548	0.00100
Bromomethane	U		0.00485	0.00500
n-Butylbenzene	U		0.000516	0.00100
sec-Butylbenzene	U		0.000355	0.00100
tert-Butylbenzene	U		0.000314	0.00100
Carbon tetrachloride	U		0.000360	0.00100
Chlorobenzene	U		0.000266	0.00100
Chlorodibromomethane	U		0.000398	0.00100
Chloroethane	U		0.00279	0.00500
Chloroform	U		0.00128	0.00500
Chloromethane	U		0.00170	0.00500
2-Chlorotoluene	U		0.000273	0.00100
4-Chlorotoluene	U		0.000256	0.00100
1,2-Dibromo-3-Chloropropane	U		0.00125	0.00500
1,2-Dibromoethane	U		0.000341	0.00100
Dibromomethane	U		0.000422	0.00100
1,2-Dichlorobenzene	U		0.000304	0.00100
1,3-Dichlorobenzene	U		0.000282	0.00100
1,4-Dichlorobenzene	U		0.000277	0.00100
Dichlorodifluoromethane	U		0.00241	0.00500
1,1-Dichloroethane	U		0.000389	0.00100
1,2-Dichloroethane	U		0.000395	0.00100
1,1-Dichloroethene	U		0.000422	0.00100
cis-1,2-Dichloroethene	U		0.000323	0.00100
trans-1,2-Dichloroethene	U		0.000348	0.00100
1,2-Dichloropropane	U		0.000427	0.00100
1,1-Dichloropropene	U		0.000359	0.00100
1,3-Dichloropropane	U		0.000283	0.00100
cis-1,3-Dichloropropene	U		0.000348	0.00100
trans-1,3-Dichloropropene	U		0.000313	0.00100
2,2-Dichloropropane	U		0.000463	0.00100
Di-isopropyl ether	U		0.000105	0.00100
Ethylbenzene	U		0.000234	0.00100
Hexachloro-1,3-butadiene	U		0.000650	0.00200

Method Blank (MB)

(MB) R4333897-4 02/07/26 22:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000345	0.00100
2-Butanone (MEK)	U		0.00900	0.0200
Methylene Chloride	U		0.00148	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200
Methyl tert-butyl ether	U		0.000357	0.00100
Naphthalene	U		0.00264	0.00500
n-Propylbenzene	U		0.000239	0.00100
Styrene	U		0.000342	0.00100
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100
1,1,2-Trichlorotrifluoroethane	U		0.000643	0.00100
Tetrachloroethene	U		0.000358	0.00100
Toluene	U		0.000274	0.00100
1,2,3-Trichlorobenzene	U		0.000935	0.00100
1,2,4-Trichlorobenzene	U		0.000691	0.00200
1,1,1-Trichloroethane	U		0.000336	0.00100
1,1,2-Trichloroethane	U		0.000375	0.00100
Trichloroethene	U		0.000383	0.00100
Trichlorofluoromethane	U		0.00304	0.00500
1,2,3-Trichloropropane	U		0.000602	0.00250
1,2,4-Trimethylbenzene	U		0.000274	0.00200
1,2,3-Trimethylbenzene	U		0.000339	0.00100
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Vinyl chloride	U		0.000458	0.00100
Xylenes, Total	U		0.000319	0.00300
(S) Toluene-d8	*97.2*			*80.0-120*
(S) 4-Bromofluorobenzene	*96.3*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*93.9*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4333897-1 02/07/26 20:37 • (LCSD) R4333897-2 02/07/26 20:58

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0500	0.0581	0.0589	116	118	19.0-160			1.37	27
Acrolein	0.0500	0.100	0.101	200	202	10.0-160	J4	J4	0.995	26
Acrylonitrile	0.0500	0.0547	0.0526	109	105	55.0-149			3.91	20
Benzene	0.0100	0.0107	0.0102	107	102	70.0-123			4.78	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4333897-1 02/07/26 20:37 • (LCSD) R4333897-2 02/07/26 20:58

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromobenzene	0.0100	0.00901	0.00834	90.1	83.4	73.0-121			7.72	20
Bromodichloromethane	0.0100	0.0102	0.0102	102	102	75.0-120			0.000	20
Bromoform	0.0100	0.00802	0.00870	80.2	87.0	68.0-132			8.13	20
Bromomethane	0.0100	0.00765	0.00756	76.5	75.6	10.0-160			1.18	25
n-Butylbenzene	0.0100	0.00917	0.00866	91.7	86.6	73.0-125			5.72	20
sec-Butylbenzene	0.0100	0.00910	0.00849	91.0	84.9	75.0-125			6.94	20
tert-Butylbenzene	0.0100	0.00893	0.00837	89.3	83.7	76.0-124			6.47	20
Carbon tetrachloride	0.0100	0.00955	0.00913	95.5	91.3	68.0-126			4.50	20
Chlorobenzene	0.0100	0.00873	0.00892	87.3	89.2	80.0-121			2.15	20
Chlorodibromomethane	0.0100	0.00830	0.00855	83.0	85.5	77.0-125			2.97	20
Chloroethane	0.0100	0.0102	0.00918	102	91.8	47.0-150			10.5	20
Chloroform	0.0100	0.0101	0.00991	101	99.1	73.0-120			1.90	20
Chloromethane	0.0100	0.00831	0.00747	83.1	74.7	41.0-142			10.6	20
2-Chlorotoluene	0.0100	0.00898	0.00859	89.8	85.9	76.0-123			4.44	20
4-Chlorotoluene	0.0100	0.00893	0.00853	89.3	85.3	75.0-122			4.58	20
1,2-Dibromo-3-Chloropropane	0.0100	0.00843	0.00902	84.3	90.2	58.0-134			6.76	20
1,2-Dibromoethane	0.0100	0.00887	0.00916	88.7	91.6	80.0-122			3.22	20
Dibromomethane	0.0100	0.0100	0.00991	100	99.1	80.0-120			0.904	20
1,2-Dichlorobenzene	0.0100	0.00901	0.00874	90.1	87.4	79.0-121			3.04	20
1,3-Dichlorobenzene	0.0100	0.00890	0.00856	89.0	85.6	79.0-120			3.89	20
1,4-Dichlorobenzene	0.0100	0.00877	0.00851	87.7	85.1	79.0-120			3.01	20
Dichlorodifluoromethane	0.0100	0.00684	0.00609	68.4	60.9	51.0-149			11.6	20
1,1-Dichloroethane	0.0100	0.0104	0.00982	104	98.2	70.0-126			5.74	20
1,2-Dichloroethane	0.0100	0.00985	0.00949	98.5	94.9	70.0-128			3.72	20
1,1-Dichloroethene	0.0100	0.00974	0.00911	97.4	91.1	71.0-124			6.68	20
cis-1,2-Dichloroethene	0.0100	0.0102	0.00994	102	99.4	73.0-120			2.58	20
trans-1,2-Dichloroethene	0.0100	0.0104	0.00999	104	99.9	73.0-120			4.02	20
1,2-Dichloropropane	0.0100	0.0107	0.0103	107	103	77.0-125			3.81	20
1,1-Dichloropropene	0.0100	0.0103	0.00942	103	94.2	74.0-126			8.92	20
1,3-Dichloropropane	0.0100	0.00948	0.00944	94.8	94.4	80.0-120			0.423	20
cis-1,3-Dichloropropene	0.0100	0.00996	0.0101	99.6	101	80.0-123			1.40	20
trans-1,3-Dichloropropene	0.0100	0.00890	0.00882	89.0	88.2	78.0-124			0.903	20
2,2-Dichloropropane	0.0100	0.00873	0.00917	87.3	91.7	58.0-130			4.92	20
Di-isopropyl ether	0.0100	0.0112	0.0104	112	104	58.0-138			7.41	20
Ethylbenzene	0.0100	0.00834	0.00841	83.4	84.1	79.0-123			0.836	20
Hexachloro-1,3-butadiene	0.0100	0.00833	0.00931	83.3	93.1	54.0-138			11.1	20
Isopropylbenzene	0.0100	0.00839	0.00851	83.9	85.1	76.0-127			1.42	20
p-Isopropyltoluene	0.0100	0.00913	0.00860	91.3	86.0	76.0-125			5.98	20
2-Butanone (MEK)	0.0500	0.0613	0.0604	123	121	44.0-160			1.48	20
Methylene Chloride	0.0100	0.0101	0.0101	101	101	67.0-120			0.000	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4333897-1 02/07/26 20:37 • (LCSD) R4333897-2 02/07/26 20:58

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
4-Methyl-2-pentanone (MIBK)	0.0500	0.0531	0.0510	106	102	68.0-142			4.03	20
Methyl tert-butyl ether	0.0100	0.0101	0.00988	101	98.8	68.0-125			2.20	20
Naphthalene	0.0100	0.0107	0.0109	107	109	54.0-135			1.85	20
n-Propylbenzene	0.0100	0.00909	0.00850	90.9	85.0	77.0-124			6.71	20
Styrene	0.0100	0.00801	0.00816	80.1	81.6	73.0-130			1.86	20
1,1,1,2-Tetrachloroethane	0.0100	0.00851	0.00880	85.1	88.0	75.0-125			3.35	20
1,1,2,2-Tetrachloroethane	0.0100	0.00913	0.00959	91.3	95.9	65.0-130			4.91	20
1,1,2-Trichlorotrifluoroethane	0.0100	0.00836	0.00743	83.6	74.3	69.0-132			11.8	20
Tetrachloroethene	0.0100	0.00831	0.00843	83.1	84.3	72.0-132			1.43	20
Toluene	0.0100	0.00900	0.00889	90.0	88.9	79.0-120			1.23	20
1,2,3-Trichlorobenzene	0.0100	0.0105	0.0109	105	109	50.0-138			3.74	20
1,2,4-Trichlorobenzene	0.0100	0.00989	0.0103	98.9	103	57.0-137			4.06	20
1,1,1-Trichloroethane	0.0100	0.0102	0.00971	102	97.1	73.0-124			4.92	20
1,1,2-Trichloroethane	0.0100	0.00922	0.00937	92.2	93.7	80.0-120			1.61	20
Trichloroethene	0.0100	0.0101	0.00979	101	97.9	78.0-124			3.12	20
Trichlorofluoromethane	0.0100	0.00885	0.00786	88.5	78.6	59.0-147			11.8	20
1,2,3-Trichloropropane	0.0100	0.00947	0.00915	94.7	91.5	73.0-130			3.44	20
1,2,4-Trimethylbenzene	0.0100	0.00864	0.00828	86.4	82.8	76.0-121			4.26	20
1,2,3-Trimethylbenzene	0.0100	0.00873	0.00826	87.3	82.6	77.0-120			5.53	20
1,3,5-Trimethylbenzene	0.0100	0.00858	0.00830	85.8	83.0	76.0-122			3.32	20
Vinyl chloride	0.0100	0.00931	0.00836	93.1	83.6	67.0-131			10.8	20
Xylenes, Total	0.0300	0.0254	0.0258	84.7	86.0	79.0-123			1.56	20
(S) Toluene-d8				*93.1*	*94.6*	*80.0-120*				
(S) 4-Bromofluorobenzene				*96.4*	*97.4*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*98.1*	*93.8*	*70.0-130*				

Method Blank (MB)

(MB) R4334035-3 02/07/26 11:22

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0469	0.0500
Acrolein	U		0.0250	0.0500
Acrylonitrile	U		0.00809	0.0100
Benzene	U		0.000320	0.00100
Bromobenzene	U		0.000277	0.00100
Bromodichloromethane	U		0.000371	0.00100
Bromoform	U		0.000548	0.00100
Bromomethane	U		0.00485	0.00500
n-Butylbenzene	U		0.000516	0.00100
sec-Butylbenzene	U		0.000355	0.00100
tert-Butylbenzene	U		0.000314	0.00100
Carbon tetrachloride	U		0.000360	0.00100
Chlorobenzene	U		0.000266	0.00100
Chlorodibromomethane	U		0.000398	0.00100
Chloroethane	U		0.00279	0.00500
Chloroform	U		0.00128	0.00500
Chloromethane	U		0.00170	0.00500
2-Chlorotoluene	U		0.000273	0.00100
4-Chlorotoluene	U		0.000256	0.00100
1,2-Dibromo-3-Chloropropane	U		0.00125	0.00500
1,2-Dibromoethane	U		0.000341	0.00100
Dibromomethane	U		0.000422	0.00100
1,2-Dichlorobenzene	U		0.000304	0.00100
1,3-Dichlorobenzene	U		0.000282	0.00100
1,4-Dichlorobenzene	U		0.000277	0.00100
Dichlorodifluoromethane	U		0.00241	0.00500
1,1-Dichloroethane	U		0.000389	0.00100
1,2-Dichloroethane	U		0.000395	0.00100
1,1-Dichloroethene	U		0.000422	0.00100
cis-1,2-Dichloroethene	U		0.000323	0.00100
trans-1,2-Dichloroethene	U		0.000348	0.00100
1,2-Dichloropropane	U		0.000427	0.00100
1,1-Dichloropropene	U		0.000359	0.00100
1,3-Dichloropropane	U		0.000283	0.00100
cis-1,3-Dichloropropene	U		0.000348	0.00100
trans-1,3-Dichloropropene	U		0.000313	0.00100
2,2-Dichloropropane	U		0.000463	0.00100
Di-isopropyl ether	U		0.000105	0.00100
Ethylbenzene	U		0.000234	0.00100
Hexachloro-1,3-butadiene	U		0.000650	0.00200

Method Blank (MB)

(MB) R4334035-3 02/07/26 11:22

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000345	0.00100
2-Butanone (MEK)	U		0.00900	0.0200
Methylene Chloride	U		0.00148	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.00752	0.0200
Methyl tert-butyl ether	U		0.000357	0.00100
Naphthalene	U		0.00264	0.00500
n-Propylbenzene	U		0.000239	0.00100
Styrene	U		0.000342	0.00100
1,1,1,2-Tetrachloroethane	U		0.000381	0.00100
1,1,2,2-Tetrachloroethane	U		0.000354	0.00100
1,1,2-Trichlorotrifluoroethane	U		0.000643	0.00100
Tetrachloroethene	U		0.000358	0.00100
Toluene	U		0.000274	0.00100
1,2,3-Trichlorobenzene	U		0.000935	0.00100
1,2,4-Trichlorobenzene	U		0.000691	0.00200
1,1,1-Trichloroethane	U		0.000336	0.00100
1,1,2-Trichloroethane	U		0.000375	0.00100
Trichloroethene	U		0.000383	0.00100
Trichlorofluoromethane	U		0.00304	0.00500
1,2,3-Trichloropropane	U		0.000602	0.00250
1,2,4-Trimethylbenzene	U		0.000274	0.00200
1,2,3-Trimethylbenzene	U		0.000339	0.00100
1,3,5-Trimethylbenzene	U		0.000266	0.00100
Vinyl chloride	U		0.000458	0.00100
Xylenes, Total	U		0.000319	0.00300
(S) Toluene-d8	*98.9*			*80.0-120*
(S) 4-Bromofluorobenzene	*89.6*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*115*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4334035-1 02/07/26 09:59 • (LCSD) R4334035-2 02/07/26 10:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0500	0.0659	0.0627	132	125	19.0-160			4.98	27
Acrolein	0.0500	0.116	0.117	232	234	10.0-160	J4	J4	0.858	26
Acrylonitrile	0.0500	0.0511	0.0515	102	103	55.0-149			0.780	20
Benzene	0.0100	0.00966	0.00973	96.6	97.3	70.0-123			0.722	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4334035-1 02/07/26 09:59 • (LCSD) R4334035-2 02/07/26 10:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromobenzene	0.0100	0.00993	0.00975	99.3	97.5	73.0-121			1.83	20
Bromodichloromethane	0.0100	0.0105	0.0106	105	106	75.0-120			0.948	20
Bromoform	0.0100	0.00989	0.00988	98.9	98.8	68.0-132			0.101	20
Bromomethane	0.0100	0.00767	0.00818	76.7	81.8	10.0-160			6.44	25
n-Butylbenzene	0.0100	0.00918	0.00944	91.8	94.4	73.0-125			2.79	20
sec-Butylbenzene	0.0100	0.0103	0.0103	103	103	75.0-125			0.000	20
tert-Butylbenzene	0.0100	0.0101	0.0101	101	101	76.0-124			0.000	20
Carbon tetrachloride	0.0100	0.0108	0.0112	108	112	68.0-126			3.64	20
Chlorobenzene	0.0100	0.00953	0.00972	95.3	97.2	80.0-121			1.97	20
Chlorodibromomethane	0.0100	0.0100	0.0103	100	103	77.0-125			2.96	20
Chloroethane	0.0100	0.0113	0.0111	113	111	47.0-150			1.79	20
Chloroform	0.0100	0.0103	0.0106	103	106	73.0-120			2.87	20
Chloromethane	0.0100	0.00732	0.00743	73.2	74.3	41.0-142			1.49	20
2-Chlorotoluene	0.0100	0.0102	0.0103	102	103	76.0-123			0.976	20
4-Chlorotoluene	0.0100	0.00996	0.00966	99.6	96.6	75.0-122			3.06	20
1,2-Dibromo-3-Chloropropane	0.0100	0.00891	0.00904	89.1	90.4	58.0-134			1.45	20
1,2-Dibromoethane	0.0100	0.00926	0.00947	92.6	94.7	80.0-122			2.24	20
Dibromomethane	0.0100	0.0101	0.0103	101	103	80.0-120			1.96	20
1,2-Dichlorobenzene	0.0100	0.0103	0.0104	103	104	79.0-121			0.966	20
1,3-Dichlorobenzene	0.0100	0.0103	0.0103	103	103	79.0-120			0.000	20
1,4-Dichlorobenzene	0.0100	0.0105	0.0103	105	103	79.0-120			1.92	20
Dichlorodifluoromethane	0.0100	0.00993	0.0103	99.3	103	51.0-149			3.66	20
1,1-Dichloroethane	0.0100	0.00978	0.00965	97.8	96.5	70.0-126			1.34	20
1,2-Dichloroethane	0.0100	0.0114	0.0115	114	115	70.0-128			0.873	20
1,1-Dichloroethene	0.0100	0.00872	0.00865	87.2	86.5	71.0-124			0.806	20
cis-1,2-Dichloroethene	0.0100	0.00949	0.00949	94.9	94.9	73.0-120			0.000	20
trans-1,2-Dichloroethene	0.0100	0.00897	0.00913	89.7	91.3	73.0-120			1.77	20
1,2-Dichloropropane	0.0100	0.00959	0.00957	95.9	95.7	77.0-125			0.209	20
1,1-Dichloropropene	0.0100	0.00996	0.00990	99.6	99.0	74.0-126			0.604	20
1,3-Dichloropropane	0.0100	0.00963	0.00984	96.3	98.4	80.0-120			2.16	20
cis-1,3-Dichloropropene	0.0100	0.0102	0.0105	102	105	80.0-123			2.90	20
trans-1,3-Dichloropropene	0.0100	0.0101	0.0105	101	105	78.0-124			3.88	20
2,2-Dichloropropane	0.0100	0.0104	0.0105	104	105	58.0-130			0.957	20
Di-isopropyl ether	0.0100	0.0117	0.0116	117	116	58.0-138			0.858	20
Ethylbenzene	0.0100	0.00923	0.00985	92.3	98.5	79.0-123			6.50	20
Hexachloro-1,3-butadiene	0.0100	0.0119	0.0118	119	118	54.0-138			0.844	20
Isopropylbenzene	0.0100	0.00953	0.00987	95.3	98.7	76.0-127			3.51	20
p-Isopropyltoluene	0.0100	0.0101	0.0102	101	102	76.0-125			0.985	20
2-Butanone (MEK)	0.0500	0.0634	0.0604	127	121	44.0-160			4.85	20
Methylene Chloride	0.0100	0.00949	0.00951	94.9	95.1	67.0-120			0.211	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4334035-1 02/07/26 09:59 • (LCSD) R4334035-2 02/07/26 10:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
4-Methyl-2-pentanone (MIBK)	0.0500	0.0556	0.0566	111	113	68.0-142			1.78	20
Methyl tert-butyl ether	0.0100	0.0106	0.0106	106	106	68.0-125			0.000	20
Naphthalene	0.0100	0.00740	0.00799	74.0	79.9	54.0-135			7.67	20
n-Propylbenzene	0.0100	0.0100	0.0101	100	101	77.0-124			0.995	20
Styrene	0.0100	0.00864	0.00887	86.4	88.7	73.0-130			2.63	20
1,1,1,2-Tetrachloroethane	0.0100	0.00933	0.00954	93.3	95.4	75.0-125			2.23	20
1,1,2,2-Tetrachloroethane	0.0100	0.00951	0.00935	95.1	93.5	65.0-130			1.70	20
1,1,2-Trichlorotrifluoroethane	0.0100	0.00931	0.00961	93.1	96.1	69.0-132			3.17	20
Tetrachloroethene	0.0100	0.00974	0.00997	97.4	99.7	72.0-132			2.33	20
Toluene	0.0100	0.00933	0.00963	93.3	96.3	79.0-120			3.16	20
1,2,3-Trichlorobenzene	0.0100	0.0132	0.0140	132	140	50.0-138		J4	5.88	20
1,2,4-Trichlorobenzene	0.0100	0.0105	0.0110	105	110	57.0-137			4.65	20
1,1,1-Trichloroethane	0.0100	0.0111	0.0108	111	108	73.0-124			2.74	20
1,1,2-Trichloroethane	0.0100	0.00928	0.00923	92.8	92.3	80.0-120			0.540	20
Trichloroethene	0.0100	0.00925	0.00962	92.5	96.2	78.0-124			3.92	20
Trichlorofluoromethane	0.0100	0.0109	0.0110	109	110	59.0-147			0.913	20
1,2,3-Trichloropropane	0.0100	0.0101	0.00981	101	98.1	73.0-130			2.91	20
1,2,4-Trimethylbenzene	0.0100	0.00960	0.00952	96.0	95.2	76.0-121			0.837	20
1,2,3-Trimethylbenzene	0.0100	0.00953	0.00960	95.3	96.0	77.0-120			0.732	20
1,3,5-Trimethylbenzene	0.0100	0.0102	0.0101	102	101	76.0-122			0.985	20
Vinyl chloride	0.0100	0.00982	0.0101	98.2	101	67.0-131			2.81	20
Xylenes, Total	0.0300	0.0283	0.0286	94.3	95.3	79.0-123			1.05	20
(S) Toluene-d8				*96.4*	*98.3*	*80.0-120*				
(S) 4-Bromofluorobenzene				*93.3*	*93.6*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*118*	*118*	*70.0-130*				

Method Blank (MB)

(MB) R4334912-3 02/09/26 18:39

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acenaphthene	U		0.000246	0.00100
Acenaphthylene	U		0.000265	0.00100
Anthracene	U		0.000196	0.00100
Benzidine	U		0.0103	0.0200
Benzo(a)anthracene	U		0.000208	0.00100
Benzo(b)fluoranthene	U		0.000280	0.00100
Benzo(k)fluoranthene	U		0.000247	0.00100
Benzo(g,h,i)perylene	U		0.000254	0.00100
Benzo(a)pyrene	U		0.000128	0.00100
Bis(2-chlorethoxy)methane	U		0.00188	0.0100
Bis(2-chloroethyl)ether	U		0.00205	0.0100
2,2-Oxybis(1-Chloropropane)	U		0.00191	0.0100
4-Bromophenyl-phenylether	U		0.00267	0.0100
2-Chloronaphthalene	U		0.000259	0.00100
4-Chlorophenyl-phenylether	U		0.00222	0.0100
Chrysene	U		0.000279	0.00100
Dibenz(a,h)anthracene	U		0.000148	0.00100
1,2-Dichlorobenzene	U		0.00220	0.0100
1,3-Dichlorobenzene	U		0.00221	0.0100
1,4-Dichlorobenzene	U		0.00223	0.0100
3,3-Dichlorobenzidine	U		0.00758	0.0100
2,4-Dinitrotoluene	U		0.00187	0.0100
2,6-Dinitrotoluene	U		0.00186	0.0100
Fluoranthene	U		0.000229	0.00100
Fluorene	U		0.000277	0.00100
Hexachlorobenzene	U		0.000259	0.00100
Hexachloro-1,3-butadiene	U		0.00227	0.0100
Hexachlorocyclopentadiene	U		0.00281	0.0100
Hexachloroethane	U		0.00215	0.0100
Indeno(1,2,3-cd)pyrene	U		0.000285	0.00100
Isophorone	U		0.00172	0.0100
Naphthalene	U		0.000678	0.00100
Nitrobenzene	U		0.00197	0.0100
n-Nitrosodimethylamine	U		0.00280	0.0100
n-Nitrosodiphenylamine	U		0.00202	0.0100
n-Nitrosodi-n-propylamine	U		0.00202	0.0100
Phenanthrene	U		0.000219	0.00100
Benzylbutyl phthalate	U		0.00113	0.00300
Bis(2-ethylhexyl)phthalate	U		0.00165	0.00300
Di-n-butyl phthalate	U		0.000794	0.00300

Method Blank (MB)

(MB) R4334912-3 02/09/26 18:39

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Diethyl phthalate	U		0.000861	0.00300
Dimethyl phthalate	U		0.000772	0.00300
Di-n-octyl phthalate	U		0.00133	0.00300
Pyrene	U		0.000259	0.00100
1,2,4-Trichlorobenzene	U		0.00230	0.0100
4-Chloro-3-methylphenol	U		0.00228	0.0100
2-Chlorophenol	U		0.00211	0.0100
2,4-Dichlorophenol	U		0.00241	0.0100
2,4-Dimethylphenol	U		0.00433	0.0100
4,6-Dinitro-2-methylphenol	U		0.00349	0.0100
2,4-Dinitrophenol	U		0.00571	0.0100
2-Nitrophenol	U		0.00260	0.0100
4-Nitrophenol	U		0.00755	0.0100
Pentachlorophenol	U		0.000708	0.0100
Phenol	U		0.000757	0.0100
2,4,6-Trichlorophenol	U		0.00238	0.0100
(S) 2-Fluorophenol	*23.9*			*10.0-120*
(S) Phenol-d5	*16.7*			*10.0-120*
(S) Nitrobenzene-d5	*44.3*			*10.0-127*
(S) 2-Fluorobiphenyl	*56.4*			*10.0-130*
(S) 2,4,6-Tribromophenol	*37.5*			*10.0-155*
(S) p-Terphenyl-d14	*81.9*			*10.0-128*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4334912-1 02/09/26 17:56 • (LCSD) R4334912-2 02/09/26 18:18

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acenaphthene	0.0500	0.0360	0.0333	72.0	66.6	41.0-120			7.79	22
Acenaphthylene	0.0500	0.0386	0.0347	77.2	69.4	43.0-120			10.6	22
Anthracene	0.0500	0.0404	0.0384	80.8	76.8	45.0-120			5.08	20
Benzidine	0.100	0.0141	0.0105	14.1	10.5	10.0-120	J	J	29.3	36
Benzo(a)anthracene	0.0500	0.0373	0.0363	74.6	72.6	47.0-120			2.72	20
Benzo(b)fluoranthene	0.0500	0.0384	0.0358	76.8	71.6	46.0-120			7.01	20
Benzo(k)fluoranthene	0.0500	0.0417	0.0405	83.4	81.0	46.0-120			2.92	21
Benzo(g,h,i)perylene	0.0500	0.0406	0.0381	81.2	76.2	48.0-121			6.35	20
Benzo(a)pyrene	0.0500	0.0334	0.0322	66.8	64.4	47.0-120			3.66	20
Bis(2-chlorethoxy)methane	0.0500	0.0297	0.0267	59.4	53.4	33.0-120			10.6	24
Bis(2-chloroethyl)ether	0.0500	0.0268	0.0239	53.6	47.8	23.0-120			11.4	33

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4334912-1 02/09/26 17:56 • (LCSD) R4334912-2 02/09/26 18:18

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
2,2-Oxybis(1-Chloropropane)	0.0500	0.0287	0.0259	57.4	51.8	28.0-120			10.3	31
4-Bromophenyl-phenylether	0.0500	0.0404	0.0381	80.8	76.2	45.0-120			5.86	20
2-Chloronaphthalene	0.0500	0.0355	0.0318	71.0	63.6	37.0-120			11.0	25
4-Chlorophenyl-phenylether	0.0500	0.0348	0.0320	69.6	64.0	44.0-120			8.38	20
Chrysene	0.0500	0.0376	0.0363	75.2	72.6	48.0-120			3.52	20
Dibenz(a,h)anthracene	0.0500	0.0393	0.0365	78.6	73.0	47.0-120			7.39	20
1,2-Dichlorobenzene	0.0500	0.0277	0.0236	55.4	47.2	20.0-120			16.0	34
1,3-Dichlorobenzene	0.0500	0.0272	0.0238	54.4	47.6	17.0-120			13.3	35
1,4-Dichlorobenzene	0.0500	0.0278	0.0247	55.6	49.4	18.0-120			11.8	34
3,3-Dichlorobenzidine	0.100	0.0750	0.0708	75.0	70.8	44.0-120			5.76	20
2,4-Dinitrotoluene	0.0500	0.0366	0.0350	73.2	70.0	49.0-124			4.47	20
2,6-Dinitrotoluene	0.0500	0.0385	0.0356	77.0	71.2	46.0-120			7.83	21
Fluoranthene	0.0500	0.0400	0.0395	80.0	79.0	51.0-120			1.26	20
Fluorene	0.0500	0.0374	0.0351	74.8	70.2	47.0-120			6.34	20
Hexachlorobenzene	0.0500	0.0382	0.0358	76.4	71.6	44.0-120			6.49	20
Hexachloro-1,3-butadiene	0.0500	0.0205	0.0182	41.0	36.4	19.0-120			11.9	32
Hexachlorocyclopentadiene	0.0500	0.0160	0.0127	32.0	25.4	15.0-120			23.0	31
Hexachloroethane	0.0500	0.0256	0.0227	51.2	45.4	15.0-120			12.0	37
Indeno(1,2,3-cd)pyrene	0.0500	0.0373	0.0359	74.6	71.8	49.0-122			3.83	20
Isophorone	0.0500	0.0281	0.0258	56.2	51.6	36.0-120			8.53	23
Naphthalene	0.0500	0.0268	0.0238	53.6	47.6	27.0-120			11.9	27
Nitrobenzene	0.0500	0.0255	0.0225	51.0	45.0	27.0-120			12.5	29
n-Nitrosodimethylamine	0.0500	0.0201	0.0184	40.2	36.8	10.0-120			8.83	40
n-Nitrosodiphenylamine	0.0500	0.0413	0.0384	82.6	76.8	47.0-120			7.28	20
n-Nitrosodi-n-propylamine	0.0500	0.0307	0.0272	61.4	54.4	31.0-120			12.1	28
Phenanthrene	0.0500	0.0404	0.0383	80.8	76.6	46.0-120			5.34	20
Benzylbutyl phthalate	0.0500	0.0348	0.0335	69.6	67.0	43.0-121			3.81	20
Bis(2-ethylhexyl)phthalate	0.0500	0.0330	0.0329	66.0	65.8	43.0-122			0.303	20
Di-n-butyl phthalate	0.0500	0.0411	0.0408	82.2	81.6	49.0-121			0.733	20
Diethyl phthalate	0.0500	0.0388	0.0373	77.6	74.6	48.0-122			3.94	20
Dimethyl phthalate	0.0500	0.0396	0.0375	79.2	75.0	48.0-120			5.45	20
Di-n-octyl phthalate	0.0500	0.0286	0.0289	57.2	57.8	42.0-125			1.04	20
Pyrene	0.0500	0.0411	0.0386	82.2	77.2	47.0-120			6.27	20
1,2,4-Trichlorobenzene	0.0500	0.0259	0.0233	51.8	46.6	24.0-120			10.6	29
4-Chloro-3-methylphenol	0.0500	0.0336	0.0293	67.2	58.6	40.0-120			13.7	21
2-Chlorophenol	0.0500	0.0267	0.0215	53.4	43.0	25.0-120			21.6	35
2,4-Dichlorophenol	0.0500	0.0311	0.0273	62.2	54.6	36.0-120			13.0	26
2,4-Dimethylphenol	0.0500	0.0310	0.0271	62.0	54.2	33.0-120			13.4	26
4,6-Dinitro-2-methylphenol	0.0500	0.0372	0.0353	74.4	70.6	38.0-138			5.24	25
2,4-Dinitrophenol	0.0500	0.0320	0.0292	64.0	58.4	10.0-120			9.15	39

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R4334912-1 02/09/26 17:56 • (LCSD) R4334912-2 02/09/26 18:18

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
2-Nitrophenol	0.0500	0.0331	0.0291	66.2	58.2	31.0-120			12.9	29
4-Nitrophenol	0.0500	0.0145	0.0130	29.0	26.0	10.0-120			10.9	33
Pentachlorophenol	0.0500	0.0257	0.0244	51.4	48.8	23.0-120			5.19	25
Phenol	0.0500	0.0109	0.00972	21.8	19.4	10.0-120		J	11.4	36
2,4,6-Trichlorophenol	0.0500	0.0360	0.0324	72.0	64.8	42.0-120			10.5	23
(S) 2-Fluorophenol				*32.3*	*26.3*	*10.0-120*				
(S) Phenol-d5				*20.9*	*18.3*	*10.0-120*				
(S) Nitrobenzene-d5				*54.0*	*45.9*	*10.0-127*				
(S) 2-Fluorobiphenyl				*71.2*	*63.6*	*10.0-130*				
(S) 2,4,6-Tribromophenol				*69.0*	*62.0*	*10.0-155*				
(S) p-Terphenyl-d14				*79.7*	*72.1*	*10.0-128*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
U (Radiochemistry)	Result + Error < MDA.
J (Radiochemistry)	Result < MDA; Result + Error > MDA.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J4	The associated batch QC was outside the established quality control range for accuracy.

ACCREDITATIONS & LOCATIONS

Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO000356
Kentucky [1 6]	KY90010	South Carolina	84004002
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas [5]	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

Company Name/Address:
Lear Environmental Consulting

532 Trails End Lane
Sevierville, TN 37876

Billing Information:
Paul Lear
532 Trails End Lane
Sevierville, TN 37876

Report to: **Paul Lear**

Email To: **paulrlear@gmail.com**

Project Description: OSTEGO STREET TRAFFICABILITY

City/State Collected: SEVIERVILLE, TN

Please Circle: PT MT CT (ET)

Regulatory Program(DOD,RCRA,DW,etc): NYSDEC

Client Project #

Lab Project #

Collected by (print): PAUL R LEAR

Site/Facility ID #

P.O. #

Collected by (signature): Immediately Packed on Ice N ___ Y ✓

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day ✓ STD TAT

Quote #

Date Results Needed

Analysis / Container / Preservative

Pres Chk

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	8270 100ml Amb NoPres	V8260 40mlAmb-HCl	Remarks	Sample # (lab only)
ANS-OS-1 COMP	GRAB	GW	NA	2/1/26	1230	5	X	X		-01
ANS-OS101		GW					X	X		-02
ANS-OS102		GW					X	X		-03
ANS-OS103		GW					X	X		-04
ANS-OS104		GW					X	X		-05
ANS-OS105		GW					X	X		-06
ANS-OS106		GW					X	X		-07
ANS-OS107		GW					X	X		-08
ANS-OS108	↓	GW	↓	↓	↓	↓	X	X		-09

Chain of Custody Page 1 of 1

Pace
PEOPLE ADVANCING SCIENCE

MT JULIET, TN
12065 Lebanon Rd Mount Juliet, TN 37122
Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

SDG # 194599

C072

Acctnum: **LEAENVSTN**
Template: **T283440**
Prelogin: **P1200796**
PM: **841 - Kelly Mercer**
PB: AGN 1-8
Shipped Via: **FedEX Ground**

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:

pH ____ Temp ____
Flow ____ Other ____

Samples returned via: __ UPS __ FedEx __ Courier

Tracking # 772123428692

Sample Receipt Checklist
COC Seal Present/Intact: X NP __ Y __ N
COC Signed/Accurate: ✓ Y __ N
Bottles arrive intact: ✓ Y __ N
Correct bottles used: ✓ Y __ N
Sufficient volume sent: ✓ Y __ N
If Applicable
VOA Zero Headspace: __ Y ✓ N
Preservation Correct/Checked: __ Y __ N
RAD Screen <0.5 mR/hr: X Y __ N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
[signature]	2/4/26 2/2/26	0930			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 4	
				2.1 0.0 2.7	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:	Hold:	Condition: NCF / OK
			[signature]	2/6/26	0830		✓

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	IH/TB
Date	01/14/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1	
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold	Depth/Elev. -
Sample ID	54200/OS-101	Subsample	1	Location	-	
Add. Info	-	Mixing/Molding Date	12/31/25		Curing Age, Days	14

ASTM D 1633: Standard Test Methods for Compressive Strength of Molded Soil-Cement Cylinders

METHOD B

SAMPLE DATA

Initial Height, in	3.710
Initial Diameter, in	1.989
Height-to-Diameter Ratio	1.87
Area, in^2	3.11
Volume, in^3	11.53
Mass of Sample, g	315.0
Wet Density, pcf	104.1
Dry Density, pcf	72.4
Machine Speed, in/min	0.050
Strain rate, % / min	1.35

WATER CONTENT DETERMINATION

Mass of Wet Sample and Tare, g	453.6
Mass of Dry Sample and Tare, g	358.1
Mass of Tare, g	140.1
Moisture, %	43.8

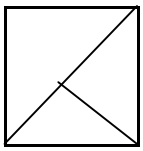
TEST DATA

Load Cell ID #	1133/1015	Digital Caliper ID #	17/583
Compression Device ID #	944/1014	Readout Device ID #	1134/1016
Balance ID #	1035/1036	Oven ID #	758

Maximum Load at Failure, lbf	133
Specimen Cross-sectional Area, in^2	3.11
Compressive Strength at Failure, psi	43
Conversion Factor for Height to Diameter Ratio	1.00
Reported Compressive Strength at Failure, psi	**43**

Failure Code: 3

Failure Sketch



Failure Type: Cone and Shear

*Note 2: * - A conversion factor based on H/D=1.15 (C.F.-.908 as 100% and add. correction per ASTM C42)*

DESCRIPTION

USCS (ASTM D2487: D2488)

REMARKS

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	IH/TB
Date	01/28/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1	
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold	Depth/Elev. -
Sample ID	54200/OS-101	Subsample	2	Location	-	
Add. Info	-	Mixing/Molding Date	12/31/25		Curing Age, Days	28

ASTM D 1633: Standard Test Methods for Compressive Strength of Molded Soil-Cement Cylinders

METHOD B

SAMPLE DATA

Initial Height, in	3.752
Initial Diameter, in	1.990
Height-to-Diameter Ratio	1.89
Area, in^2	3.11
Volume, in^3	11.67
Mass of Sample, g	317.7
Wet Density, pcf	103.7
Dry Density, pcf	72.1
Machine Speed, in/min	0.050
Strain rate, % / min	1.33

WATER CONTENT DETERMINATION

Mass of Wet Sample and Tare, g	456.0
Mass of Dry Sample and Tare, g	359.8
Mass of Tare, g	139.7
Moisture, %	43.7

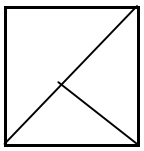
TEST DATA

Load Cell ID #	1133/1015	Digital Caliper ID #	17/583
Compression Device ID #	944/1014	Readout Device ID #	1134/1016
Balance ID #	1035/1036	Oven ID #	758/496

Maximum Load at Failure, lbf	199
Specimen Cross-sectional Area, in^2	3.11
Compressive Strength at Failure, psi	64
Conversion Factor for Height to Diameter Ratio	1.00
Reported Compressive Strength at Failure, psi	**64**

Failure Code: 3

Failure Sketch



Failure Type: Cone and Shear

*Note 2: * - A conversion factor based on H/D=1.15 (C.F.-.908 as 100% and add. correction per ASTM C42)*

DESCRIPTION

USCS (ASTM D2487: D2488)

REMARKS

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	EB/TB
Date	01/21/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold / Depth/Elevation / -
Sample ID	54200/OS-101	Subsample ID	3	Location	-
Add. Info	-	Mixing/Molding Date	12/31/25	Curing Age, Days	21

ASTM D 5084; Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter (Method D, Constant Rate of Flow)

Initial Sample Data (Before Test)

Height	3.066	in	7.79	cm
Diameter	2.987	in	7.59	cm
Area	7.01	in^2	45.21	cm^2
Volume	352.07	cm^3	0.0124	ft^3
Mass	603.0	g	1.33	lb
Specific Gravity	2.700	(Assumed)		
Dry Density	74.2	pcf		

Moisture Content

Mass of wet sample & tare	603.0	g
Mass of dry sample & tare	418.9	g
Mass of tare	0.0	g
% Moisture	43.9	

Test Data

Speed	10	
Board Number	7	
Cell Number	1	
Flow Pump Number	1A	
Flow Pump Rate*	2.24E-04	cm^3/sec
B - Value	0.95	
Cell Pressure	100.0	psi
Back Pressure	90.0	psi
Confining (Effective) Pressure	10.0	psi
Max Head	75.26	cm
Min Head	74.56	cm
Maximum Gradient	9.66	
Minimum Gradient	9.57	

Final Data (After Test)

Average Height of Sample		3.066	in	7.79	cm
Average Diameter of Sample		3.002	in	7.63	cm
Area	7.08 in^2	45.66	cm^2		
Volume	355.62 cm^3	0.0126	ft^3		
Mass	610.5 g	1.35	lb		

Dry Density	73.6	pcf
Vol. of Voids	200.37	cm^3
Vol. of Solids	155.25	cm^3
Void Ratio	1.29	
Saturation	95.5	%

Moisture Content

Mass of wet sample & tare	679.2	g
Mass of dry sample & tare	488.0	g
Mass of tare	69.1	g
% Moisture	45.6	

TIME FUNCTION			Δ t	READING	Head	Gradient	Temp.	PERMEABILITY (cm/sec)			
DATE	HOUR	MIN	(sec)	DP, (psi)	(cm)		T_x(°C)	@ T_x	R_T	@ 20 °C	
01/21/26	8	20	-	1.07	75.26	9.66	20.3	-	-	-	
01/21/26	8	30	600	1.06	74.56	9.57	20.3	5.10E-07	0.993	5.06E-07	
01/21/26	8	40	600	1.07	75.26	9.66	20.3	5.10E-07	0.993	5.06E-07	
01/21/26	8	50	600	1.06	74.56	9.57	20.3	5.10E-07	0.993	5.06E-07	*
01/21/26	9	0	600	1.07	75.26	9.66	20.3	5.10E-07	0.993	5.06E-07	*
01/21/26	9	10	600	1.06	74.56	9.57	20.3	5.10E-07	0.993	5.06E-07	*
01/21/26	9	20	600	1.07	75.26	9.66	20.3	5.10E-07	0.993	5.06E-07	*

Note: Deaired Water Used for Permeability Test.

DESCRIPTION: NA

USCS (ASTM D2487;2488): NA

REMARKS: Bottom Half of the mold was used for testing.

Reported Average Hydraulic Conductivity* 5.1E-07 cm/sec

Flow pump ID #	22	Balance ID #	1035/1036	Differential Pressure Meter ID #	1107
Thermometer ID #	796/985	Oven ID #	758	Board Pressure Meter ID #	290
Syringe ID #	140			Pore Pressure Meter ID #	216

*Constant Rate of Flow System (Flow Pump with Calibrated Syringe for Inflow and Calibrated Graduated Pipette for outflow) is capable to maintain a constant rate of inflow & outflow through the fully saturated sample with accuracy +/-5%. Flow Pump Rate isused for calculations of HC (ASTM STP 977) results at steady Differential Pressure (DP) Readings at the range of +/-5%. Permeation was stopped after HC versus Time (see table above) showed no significant upward or downward trend.

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	IH/TB
Date	01/14/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1	
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold	Depth/Elev. -
Sample ID	54207/OS-108	Subsample	1	Location	-	
Add. Info	-	Mixing/Molding Date	12/31/25		Curing Age, Days	14

ASTM D 1633: Standard Test Methods for Compressive Strength of Molded Soil-Cement Cylinders

METHOD B

SAMPLE DATA

Initial Height, in	3.691
Initial Diameter, in	1.998
Height-to-Diameter Ratio	1.85
Area, in^2	3.14
Volume, in^3	11.57
Mass of Sample, g	315.9
Wet Density, pcf	104.0
Dry Density, pcf	70.5
Machine Speed, in/min	0.050
Strain rate, % / min	1.35

WATER CONTENT DETERMINATION

Mass of Wet Sample and Tare, g	451.4
Mass of Dry Sample and Tare, g	350.2
Mass of Tare, g	137.1
Moisture, %	47.5

TEST DATA

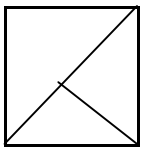
Load Cell ID #	1133/1015	Digital Caliper ID #	17/583
Compression Device ID #	944/1014	Readout Device ID #	1134/1016
Balance ID #	1035/1036	Oven ID #	758/496

Maximum Load at Failure, lbf	226
Specimen Cross-sectional Area, in^2	3.14
Compressive Strength at Failure, psi	72
Conversion Factor for Height to Diameter Ratio	1.00
Reported Compressive Strength at Failure, psi	**72**

Failure Code: 3

*Note 2: * - A conversion factor based on H/D=1.15 (C.F.-.908 as 100% and add. correction per ASTM C42)*

Failure Sketch



DESCRIPTION

Failure Type: Cone and Shear

USCS (ASTM D2487: D2488)

REMARKS

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	EB/TB
Date	01/21/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold / Depth/Elevation / -
Sample ID	54207/OS-108	Subsample ID	3	Location	-
Add. Info	-	Mixing/Molding Date	12/31/25	Curing Age, Days	21

ASTM D 5084; Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter (Method D, Constant Rate of Flow)

Initial Sample Data (Before Test)

Height	3.072	in	7.80	cm
Diameter	3.009	in	7.64	cm
Area	7.11	in^2	45.88	cm^2
Volume	357.98	cm^3	0.0126	ft^3
Mass	589.3	g	1.30	lb
Specific Gravity	2.700	(Assumed)		
Dry Density	69.6	pcf		

Moisture Content

Mass of wet sample & tare	589.3	g
Mass of dry sample & tare	399.2	g
Mass of tare	0.0	g
% Moisture	47.6	

Test Data

Speed	12	
Board Number	4	
Cell Number	43	
Flow Pump Number	2B	
Flow Pump Rate*	5.60E-05	cm^3/sec
B - Value	0.95	
Cell Pressure	100.0	psi
Back Pressure	90.0	psi
Confining (Effective) Pressure	10.0	psi
Max Head	61.20	cm
Min Head	60.49	cm
Maximum Gradient	7.84	
Minimum Gradient	7.75	

Final Data (After Test)

Average Height of Sample		3.074	in	7.81	cm
Average Diameter of Sample		3.006	in	7.64	cm
Area	7.10 in^2	45.79	cm^2		
Volume	357.50 cm^3	0.0126	ft^3		
Mass	598.7 g	1.32	lb		

Dry Density	69.7	pcf
Vol. of Voids	209.62	cm^3
Vol. of Solids	147.88	cm^3
Void Ratio	1.42	
Saturation	95.1	%

Moisture Content

Mass of wet sample & tare	679.4	g
Mass of dry sample & tare	480.0	g
Mass of tare	80.8	g
% Moisture	49.9	

TIME FUNCTION			Δ t	READING	Head	Gradient	Temp.	PERMEABILITY (cm/sec)			
DATE	HOUR	MIN	(sec)	DP, (psi)	(cm)		T_x(°C)	@ T_x	R_T	@ 20 °C	
01/21/26	10	20	-	0.87	61.20	7.84	20.3	-	-	-	
01/21/26	10	30	600	0.86	60.49	7.75	20.3	1.57E-07	0.993	1.56E-07	
01/21/26	10	40	600	0.87	61.20	7.84	20.3	1.57E-07	0.993	1.56E-07	
01/21/26	10	50	600	0.86	60.49	7.75	20.3	1.57E-07	0.993	1.56E-07	*
01/21/26	11	0	600	0.87	61.20	7.84	20.3	1.57E-07	0.993	1.56E-07	*
01/21/26	11	10	600	0.86	60.49	7.75	20.3	1.57E-07	0.993	1.56E-07	*
01/21/26	11	20	600	0.87	61.20	7.84	20.3	1.57E-07	0.993	1.56E-07	*

Reported Average Hydraulic Conductivity* 1.6E-07 cm/sec

Note: Deaired Water Used for Permeability Test.

DESCRIPTION: NA

USCS (ASTM D2487;2488): NA

REMARKS: Bottom Half of the mold was used for testing.

Flow pump ID #	244	Balance ID #	1035/1036	Differential Pressure Meter ID #	587
Thermometer ID #	796/985	Oven ID #	758	Board Pressure Meter ID #	1041
Syringe ID #	246			Pore Pressure Meter ID #	26/27

*Constant Rate of Flow System (Flow Pump with Calibrated Syringe for Inflow and Calibrated Graduated Pipette for outflow) is capable to maintain a constant rate of inflow & outflow through the fully saturated sample with accuracy +/-5%. Flow Pump Rate isused for calculations of HC (ASTM STP 977) results at steady Differential Pressure (DP) Readings at the range of +/-5%. Permeation was stopped after HC versus Time (see table above) showed no significant upward or downward trend.

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	IH/TB
Date	01/14/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1	
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold	Depth/Elev. -
Sample ID	54204/OS-105	Subsample	1	Location	-	
Add. Info	-	Mixing/Molding Date	12/31/25		Curing Age, Days	14

ASTM D 1633: Standard Test Methods for Compressive Strength of Molded Soil-Cement Cylinders

METHOD B

SAMPLE DATA

Initial Height, in	3.750
Initial Diameter, in	1.997
Height-to-Diameter Ratio	1.88
Area, in^2	3.13
Volume, in^3	11.75
Mass of Sample, g	323.4
Wet Density, pcf	104.9
Dry Density, pcf	72.6
Machine Speed, in/min	0.050
Strain rate, % / min	1.33

WATER CONTENT DETERMINATION

Mass of Wet Sample and Tare, g	460.8
Mass of Dry Sample and Tare, g	361.7
Mass of Tare, g	139.0
Moisture, %	44.5

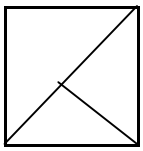
TEST DATA

Load Cell ID #	1133/1015	Digital Caliper ID #	17/583
Compression Device ID #	944/1014	Readout Device ID #	1134/1016
Balance ID #	1035/1036	Oven ID #	758

Maximum Load at Failure, lbf	102
Specimen Cross-sectional Area, in^2	3.13
Compressive Strength at Failure, psi	33
Conversion Factor for Height to Diameter Ratio	1.00
Reported Compressive Strength at Failure, psi	**33**

Failure Code: 3

Failure Sketch



Failure Type: Cone and Shear

*Note 2: * - A conversion factor based on H/D=1.15 (C.F.-.908 as 100% and add. correction per ASTM C42)*

DESCRIPTION

USCS (ASTM D2487: D2488)

REMARKS

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	IH/TB
Date	01/28/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1	
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold	Depth/Elev. -
Sample ID	54204/OS-105	Subsample	2	Location	-	
Add. Info	-	Mixing/Molding Date	12/31/25		Curing Age, Days	28

ASTM D 1633: Standard Test Methods for Compressive Strength of Molded Soil-Cement Cylinders

METHOD B

SAMPLE DATA

Initial Height, in	3.776
Initial Diameter, in	1.991
Height-to-Diameter Ratio	1.90
Area, in^2	3.11
Volume, in^3	11.76
Mass of Sample, g	324.4
Wet Density, pcf	105.1
Dry Density, pcf	72.7
Machine Speed, in/min	0.050
Strain rate, % / min	1.32

WATER CONTENT DETERMINATION

Mass of Wet Sample and Tare, g	461.4
Mass of Dry Sample and Tare, g	361.8
Mass of Tare, g	138.3
Moisture, %	44.6

TEST DATA

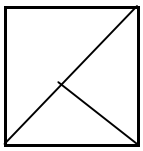
Load Cell ID #	1133/1015	Digital Caliper ID #	17/583
Compression Device ID #	944/1014	Readout Device ID #	1134/1016
Balance ID #	1035/1036	Oven ID #	758/496

Maximum Load at Failure, lbf	192
Specimen Cross-sectional Area, in^2	3.11
Compressive Strength at Failure, psi	62
Conversion Factor for Height to Diameter Ratio	1.00
Reported Compressive Strength at Failure, psi	**62**

Failure Code: 3

*Note 2: * - A conversion factor based on H/D=1.15 (C.F.-.908 as 100% and add. correction per ASTM C42)*

Failure Sketch



DESCRIPTION

Failure Type: Cone and Shear

USCS (ASTM D2487: D2488)

REMARKS

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	EB/TB
Date	01/21/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold / Depth/Elevation / -
Sample ID	54204/OS-105	Subsample ID	3	Location	-
Add. Info	-	Mixing/Molding Date	12/31/25	Curing Age, Days	21

ASTM D 5084; Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter (Method D, Constant Rate of Flow)

Initial Sample Data (Before Test)

Height	3.099	in	7.87	cm
Diameter	3.010	in	7.65	cm
Area	7.12	in^2	45.91	cm^2
Volume	361.36	cm^3	0.0128	ft^3
Mass	599.8	g	1.32	lb
Specific Gravity	2.700	(Assumed)		
Dry Density	71.6	pcf		

Moisture Content

Mass of wet sample & tare	599.8	g
Mass of dry sample & tare	414.5	g
Mass of tare	0.0	g
% Moisture	44.7	

Test Data

Speed	10	
Board Number	9	
Cell Number	58	
Flow Pump Number	3A	
Flow Pump Rate*	2.24E-04	cm^3/sec
B - Value	0.95	
Cell Pressure	100.0	psi
Back Pressure	90.0	psi
Confining (Effective) Pressure	10.0	psi
Max Head	37.98	cm
Min Head	37.28	cm
Maximum Gradient	4.82	
Minimum Gradient	4.73	

Final Data (After Test)

Average Height of Sample		3.100	in	7.87	cm	
Average Diameter of Sample		3.011	in	7.65	cm	
Area	7.12 in^2	45.94	cm^2			
Volume	361.72 cm^3	0.0128	ft^3	Dry Density	71.5	pcf
Mass	613.2 g	1.35	lb	Vol. of Voids	208.20	cm^3
				Vol. of Solids	153.52	cm^3
				Void Ratio	1.36	
				Saturation	95.4	%

Moisture Content

Mass of wet sample & tare	696.2	g
Mass of dry sample & tare	497.5	g
Mass of tare	83.0	g
% Moisture	47.9	

TIME FUNCTION			Δ t	READING	Head	Gradient	Temp.	PERMEABILITY (cm/sec)			
DATE	HOUR	MIN	(sec)	DP, (psi)	(cm)		T_x(°C)	@ T_x	R_T	@ 20 °C	
01/21/26	9	5	-	0.54	37.98	4.82	20.3	-	-	-	
01/21/26	9	15	600	0.53	37.28	4.73	20.3	1.02E-06	0.993	1.01E-06	
01/21/26	9	25	600	0.54	37.98	4.82	20.3	1.02E-06	0.993	1.01E-06	
01/21/26	9	35	600	0.53	37.28	4.73	20.3	1.02E-06	0.993	1.01E-06	*
01/21/26	9	45	600	0.54	37.98	4.82	20.3	1.02E-06	0.993	1.01E-06	*
01/21/26	9	55	600	0.53	37.28	4.73	20.3	1.02E-06	0.993	1.01E-06	*
01/21/26	10	5	600	0.54	37.98	4.82	20.3	1.02E-06	0.993	1.01E-06	*

Reported Average Hydraulic Conductivity* 1.0E-06 cm/sec

Note: Deaired Water Used for Permeability Test.

DESCRIPTION: NA

USCS (ASTM D2487;2488): NA

REMARKS: Bottom Half of the mold was used for testing.

Flow pump ID #	475	Balance ID #	1035/1036	Differential Pressure Meter ID #	469
Thermometer ID #	796/985	Oven ID #	758	Board Pressure Meter ID #	571
Syringe ID #	491			Pore Pressure Meter ID #	29

*Constant Rate of Flow System (Flow Pump with Calibrated Syringe for Inflow and Calibrated Graduated Pipette for outflow) is capable to maintain a constant rate of inflow & outflow through the fully saturated sample with accuracy +/-5%. Flow Pump Rate isused for calculations of HC (ASTM STP 977) results at steady Differential Pressure (DP) Readings at the range of +/-5%. Permeation was stopped after HC versus Time (see table above) showed no significant upward or downward trend.

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	IH/TB
Date	01/14/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1	
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold	Depth/Elev. -
Sample ID	54202/OS-103	Subsample	1	Location	-	
Add. Info	-	Mixing/Molding Date	12/31/25		Curing Age, Days	14

ASTM D 1633: Standard Test Methods for Compressive Strength of Molded Soil-Cement Cylinders

METHOD B

SAMPLE DATA

Initial Height, in	3.799
Initial Diameter, in	1.994
Height-to-Diameter Ratio	1.91
Area, in^2	3.12
Volume, in^3	11.86
Mass of Sample, g	322.5
Wet Density, pcf	103.6
Dry Density, pcf	71.2
Machine Speed, in/min	0.050
Strain rate, % / min	1.32

WATER CONTENT DETERMINATION

Mass of Wet Sample and Tare, g	459.2
Mass of Dry Sample and Tare, g	359.1
Mass of Tare, g	138.8
Moisture, %	45.4

TEST DATA

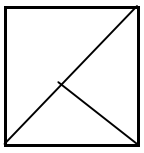
Load Cell ID #	1133/1015	Digital Caliper ID #	17/583
Compression Device ID #	944/1014	Readout Device ID #	1134/1016
Balance ID #	1035/1036	Oven ID #	758/496

Maximum Load at Failure, lbf	112
Specimen Cross-sectional Area, in^2	3.12
Compressive Strength at Failure, psi	36
Conversion Factor for Height to Diameter Ratio	1.00
Reported Compressive Strength at Failure, psi	**36**

Failure Code: 3

*Note 2: * - A conversion factor based on H/D=1.15 (C.F.-.908 as 100% and add. correction per ASTM C42)*

Failure Sketch



DESCRIPTION

Failure Type: Cone and Shear

USCS (ASTM D2487: D2488)

REMARKS

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	IH/TB
Date	01/28/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1	
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold	Depth/Elev. -
Sample ID	54202/OS-103	Subsample	2	Location	-	
Add. Info	-	Mixing/Molding Date	12/31/25		Curing Age, Days	28

ASTM D 1633: Standard Test Methods for Compressive Strength of Molded Soil-Cement Cylinders

METHOD B

SAMPLE DATA

Initial Height, in	3.778
Initial Diameter, in	1.997
Height-to-Diameter Ratio	1.89
Area, in^2	3.13
Volume, in^3	11.83
Mass of Sample, g	316.4
Wet Density, pcf	101.9
Dry Density, pcf	69.9
Machine Speed, in/min	0.050
Strain rate, % / min	1.32

WATER CONTENT DETERMINATION

Mass of Wet Sample and Tare, g	454.1
Mass of Dry Sample and Tare, g	355.6
Mass of Tare, g	139.4
Moisture, %	45.6

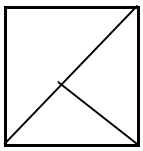
TEST DATA

Load Cell ID #	1133/1015	Digital Caliper ID #	17/583
Compression Device ID #	944/1014	Readout Device ID #	1134/1016
Balance ID #	1035/1036	Oven ID #	758/496

Maximum Load at Failure, lbf	183
Specimen Cross-sectional Area, in^2	3.13
Compressive Strength at Failure, psi	58
Conversion Factor for Height to Diameter Ratio	1.00
Reported Compressive Strength at Failure, psi	**58**

Failure Code: 3

Failure Sketch



Failure Type: Cone and Shear

*Note 2: * - A conversion factor based on H/D=1.15 (C.F.-.908 as 100% and add. correction per ASTM C42)*

DESCRIPTION

USCS (ASTM D2487: D2488)

REMARKS

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	EB/TB
Date	01/21/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold / Depth/Elevation / -
Sample ID	54202/OS-103	Subsample ID	3	Location	-
Add. Info	-	Mixing/Molding Date	12/31/25	Curing Age, Days	21

ASTM D 5084; Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter (Method D, Constant Rate of Flow)

Initial Sample Data (Before Test)

Height	3.152	in	8.01	cm
Diameter	3.007	in	7.64	cm
Area	7.10	in^2	45.82	cm^2
Volume	366.81	cm^3	0.0130	ft^3
Mass	609.2	g	1.34	lb
Specific Gravity	2.700	(Assumed)		
Dry Density	71.1	pcf		

Moisture Content

Mass of wet sample & tare	609.2	g
Mass of dry sample & tare	418.0	g
Mass of tare	0.0	g
% Moisture	45.7	

Test Data

Speed	12	
Board Number	5	
Cell Number	6	
Flow Pump Number	4A	
Flow Pump Rate*	5.60E-05	cm^3/sec
B - Value	0.95	
Cell Pressure	100.0	psi
Back Pressure	90.0	psi
Confining (Effective) Pressure	10.0	psi
Max Head	24.62	cm
Min Head	23.92	cm
Maximum Gradient	3.08	
Minimum Gradient	2.99	

Final Data (After Test)

Average Height of Sample		3.152	in	8.01	cm
Average Diameter of Sample		3.009	in	7.64	cm
Area	7.11 in^2	45.88	cm^2		
Volume	367.30 cm^3	0.0130	ft^3		
Mass	620.5 g	1.37	lb		

Dry Density	71.1	pcf
Vol. of Voids	212.29	cm^3
Vol. of Solids	155.01	cm^3
Void Ratio	1.37	
Saturation	95.1	%

Moisture Content

Mass of wet sample & tare	705.2	g
Mass of dry sample & tare	503.5	g
Mass of tare	85.5	g
% Moisture	48.3	

TIME FUNCTION			Δ t	READING	Head	Gradient	Temp.	PERMEABILITY (cm/sec)			
DATE	HOUR	MIN	(sec)	DP, (psi)	(cm)		T_x(°C)	@ T_x	R_T	@ 20 °C	
01/21/26	7	5	-	0.35	24.62	3.08	20.3	-	-	-	
01/21/26	7	15	600	0.34	23.92	2.99	20.3	4.03E-07	0.993	4.00E-07	
01/21/26	7	25	600	0.35	24.62	3.08	20.3	4.03E-07	0.993	4.00E-07	
01/21/26	7	35	600	0.34	23.92	2.99	20.3	4.03E-07	0.993	4.00E-07	*
01/21/26	7	45	600	0.35	24.62	3.08	20.3	4.03E-07	0.993	4.00E-07	*
01/21/26	7	55	600	0.34	23.92	2.99	20.3	4.03E-07	0.993	4.00E-07	*
01/21/26	8	5	600	0.35	24.62	3.08	20.3	4.03E-07	0.993	4.00E-07	*

Reported Average Hydraulic Conductivity* 4.0E-07 cm/sec

Note: Deaired Water Used for Permeability Test.

DESCRIPTION: NA

USCS (ASTM D2487;2488): NA

REMARKS: Bottom Half of the mold was used for testing.

Flow pump ID #	1043	Balance ID #	1035/1036	Differential Pressure Meter ID #	1044/1048
Thermometer ID #	796/985	Oven ID #	496/758	Board Pressure Meter ID #	1042
Syringe ID #	1047			Pore Pressure Meter ID #	779/780

*Constant Rate of Flow System (Flow Pump with Calibrated Syringe for Inflow and Calibrated Graduated Pipette for outflow) is capable to maintain a constant rate of inflow & outflow through the fully saturated sample with accuracy +/-5%. Flow Pump Rate isused for calculations of HC (ASTM STP 977) results at steady Differential Pressure (DP) Readings at the range of +/-5%. Permeation was stopped after HC versus Time (see table above) showed no significant upward or downward trend.

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	IH/TB
Date	01/14/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1	
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold	Depth/Elev. -
Sample ID	54201OS-102	Subsample	1	Location	-	
Add. Info	-	Mixing/Molding Date	12/31/25		Curing Age, Days	14

ASTM D 1633: Standard Test Methods for Compressive Strength of Molded Soil-Cement Cylinders

METHOD B

SAMPLE DATA

Initial Height, in	3.843
Initial Diameter, in	1.991
Height-to-Diameter Ratio	1.93
Area, in^2	3.11
Volume, in^3	11.96
Mass of Sample, g	326.7
Wet Density, pcf	104.0
Dry Density, pcf	71.4
Machine Speed, in/min	0.050
Strain rate, % / min	1.30

WATER CONTENT DETERMINATION

Mass of Wet Sample and Tare, g	464.7
Mass of Dry Sample and Tare, g	362.9
Mass of Tare, g	139.4
Moisture, %	45.5

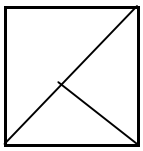
TEST DATA

Load Cell ID #	1133/1015	Digital Caliper ID #	17/583
Compression Device ID #	944/1014	Readout Device ID #	1134/1016
Balance ID #	1035/1036	Oven ID #	758/496

Maximum Load at Failure, lbf	151
Specimen Cross-sectional Area, in^2	3.11
Compressive Strength at Failure, psi	49
Conversion Factor for Height to Diameter Ratio	1.00
Reported Compressive Strength at Failure, psi	**49**

Failure Code: 3

Failure Sketch



Failure Type: Cone and Shear

*Note 2: * - A conversion factor based on H/D=1.15 (C.F.-.908 as 100% and add. correction per ASTM C42)*

DESCRIPTION

USCS (ASTM D2487: D2488)

REMARKS

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	IH/TB
Date	01/28/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1	
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold	Depth/Elev. -
Sample ID	54201OS-102	Subsample	2	Location	-	
Add. Info	-	Mixing/Molding Date	12/31/25		Curing Age, Days	28

ASTM D 1633: Standard Test Methods for Compressive Strength of Molded Soil-Cement Cylinders

METHOD B

SAMPLE DATA

Initial Height, in	3.770
Initial Diameter, in	1.993
Height-to-Diameter Ratio	1.89
Area, in^2	3.12
Volume, in^3	11.76
Mass of Sample, g	317.0
Wet Density, pcf	102.7
Dry Density, pcf	70.5
Machine Speed, in/min	0.050
Strain rate, % / min	1.33

WATER CONTENT DETERMINATION

Mass of Wet Sample and Tare, g	454.0
Mass of Dry Sample and Tare, g	355.2
Mass of Tare, g	138.8
Moisture, %	45.7

TEST DATA

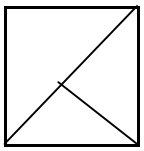
Load Cell ID #	1133/1015	Digital Caliper ID #	17/583
Compression Device ID #	944/1014	Readout Device ID #	1134/1016
Balance ID #	1035/1036	Oven ID #	758/496

Maximum Load at Failure, lbf	308
Specimen Cross-sectional Area, in^2	3.12
Compressive Strength at Failure, psi	99
Conversion Factor for Height to Diameter Ratio	1.00
Reported Compressive Strength at Failure, psi	**99**

Failure Code: 3

*Note 2: * - A conversion factor based on H/D=1.15 (C.F.-.908 as 100% and add. correction per ASTM C42)*

Failure Sketch



DESCRIPTION

Failure Type: Cone and Shear

USCS (ASTM D2487: D2488)

REMARKS

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	EB/TB
Date	01/21/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold / Depth/Elevation / -
Sample ID	54201OS-102	Subsample ID	3	Location	-
Add. Info	-	Mixing/Molding Date	12/31/25	Curing Age, Days	21

ASTM D 5084; Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter (Method D, Constant Rate of Flow)

Initial Sample Data (Before Test)

Height	3.141	in	7.98	cm
Diameter	3.006	in	7.64	cm
Area	7.10	in^2	45.79	cm^2
Volume	365.29	cm^3	0.0129	ft^3
Mass	608.2	g	1.34	lb
Specific Gravity	2.700	(Assumed)		
Dry Density	71.5	pcf		

Moisture Content

Mass of wet sample & tare	608.2	g
Mass of dry sample & tare	418.3	g
Mass of tare	0.0	g
% Moisture	45.4	

Test Data

Speed	10	
Board Number	8	
Cell Number	5	
Flow Pump Number	1B	
Flow Pump Rate*	2.24E-04	cm^3/sec
B - Value	0.95	
Cell Pressure	100.0	psi
Back Pressure	90.0	psi
Confining (Effective) Pressure	10.0	psi
Max Head	109.03	cm
Min Head	108.32	cm
Maximum Gradient	13.67	
Minimum Gradient	13.58	

Final Data (After Test)

Average Height of Sample		3.141	in	7.98	cm	
Average Diameter of Sample		3.007	in	7.64	cm	
Area	7.10 in^2	45.82	cm^2			
Volume	365.53 cm^3	0.0129	ft^3	Dry Density	71.5	pcf
Mass	619.2 g	1.37	lb	Vol. of Voids	210.51	cm^3
				Vol. of Solids	155.03	cm^3
				Void Ratio	1.36	
				Saturation	95.3	%

Moisture Content

Mass of wet sample & tare	701.1	g
Mass of dry sample & tare	500.6	g
Mass of tare	82.3	g
% Moisture	47.9	

TIME FUNCTION			Δ t	READING	Head	Gradient	Temp.	PERMEABILITY (cm/sec)			
DATE	HOUR	MIN	(sec)	DP, (psi)	(cm)		T_x(°C)	@ T_x	R_T	@ 20 °C	
01/21/26	8	20	-	1.55	109.03	13.67	20.3	-	-	-	
01/21/26	8	30	600	1.54	108.32	13.58	20.3	3.59E-07	0.993	3.56E-07	
01/21/26	8	40	600	1.55	109.03	13.67	20.3	3.59E-07	0.993	3.56E-07	
01/21/26	8	50	600	1.54	108.32	13.58	20.3	3.59E-07	0.993	3.56E-07	*
01/21/26	9	0	600	1.55	109.03	13.67	20.3	3.59E-07	0.993	3.56E-07	*
01/21/26	9	10	600	1.54	108.32	13.58	20.3	3.59E-07	0.993	3.56E-07	*
01/21/26	9	20	600	1.55	109.03	13.67	20.3	3.59E-07	0.993	3.56E-07	*

Reported Average Hydraulic Conductivity* 3.6E-07 cm/sec

Note: Deaired Water Used for Permeability Test.

DESCRIPTION: NA

USCS (ASTM D2487;2488): NA

REMARKS: Bottom Half of the mold was used for testing.

Flow pump ID #	22	Balance ID #	1035/1036	Differential Pressure Meter ID #	942
Thermometer ID #	796/985	Oven ID #	496/758	Board Pressure Meter ID #	290
Syringe ID #	141			Pore Pressure Meter ID #	216

*Constant Rate of Flow System (Flow Pump with Calibrated Syringe for Inflow and Calibrated Graduated Pipette for outflow) is capable to maintain a constant rate of inflow & outflow through the fully saturated sample with accuracy +/-5%. Flow Pump Rate isused for calculations of HC (ASTM STP 977) results at steady Differential Pressure (DP) Readings at the range of +/-5%. Permeation was stopped after HC versus Time (see table above) showed no significant upward or downward trend.

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	IH/TB
Date	01/14/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1	
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold	Depth/Elev. -
Sample ID	54203/OS-104	Subsample	1	Location	-	
Add. Info	-	Mixing/Molding Date	12/31/25		Curing Age, Days	14

ASTM D 1633: Standard Test Methods for Compressive Strength of Molded Soil-Cement Cylinders

METHOD **B**

SAMPLE DATA

Initial Height, in	3.845
Initial Diameter, in	1.996
Height-to-Diameter Ratio	1.93
Area, in^2	3.13
Volume, in^3	12.03
Mass of Sample, g	338.4
Wet Density, pcf	107.2
Dry Density, pcf	74.2
Machine Speed, in/min	0.050
Strain rate, % / min	1.30

WATER CONTENT DETERMINATION

Mass of Wet Sample and Tare, g	474.9
Mass of Dry Sample and Tare, g	371.5
Mass of Tare, g	138.3
Moisture, %	44.3

TEST DATA

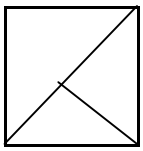
Load Cell ID #	1133/1015	Digital Caliper ID #	17/583
Compression Device ID #	944/1014	Readout Device ID #	1134/1016
Balance ID #	1035/1036	Oven ID #	758

Maximum Load at Failure, lbf	205
Specimen Cross-sectional Area, in^2	3.13
Compressive Strength at Failure, psi	66
Conversion Factor for Height to Diameter Ratio	1.00
Reported Compressive Strength at Failure, psi	**66**

Failure Code: 3

*Note 2: * - A conversion factor based on H/D=1.15 (C.F.-.908 as 100% and add. correction per ASTM C42)*

Failure Sketch



DESCRIPTION

Failure Type: Cone and Shear

USCS (ASTM D2487: D2488)

REMARKS

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	EB/TB
Date	01/21/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold / Depth/Elevation / -
Sample ID	54203/OS-104	Subsample ID	3	Location	-
Add. Info	-	Mixing/Molding Date	12/31/25	Curing Age, Days	21

ASTM D 5084; Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter (Method D, Constant Rate of Flow)

Initial Sample Data (Before Test)

Height	3.091	in	7.85	cm
Diameter	2.987	in	7.59	cm
Area	7.01	in^2	45.21	cm^2
Volume	354.94	cm^3	0.0125	ft^3
Mass	604.6	g	1.33	lb
Specific Gravity	2.700	(Assumed)		
Dry Density	73.4	pcf		

Moisture Content

Mass of wet sample & tare	604.6	g
Mass of dry sample & tare	417.5	g
Mass of tare	0.0	g
% Moisture	44.8	

Test Data

Speed	12	
Board Number	6	
Cell Number	41	
Flow Pump Number	4B	
Flow Pump Rate*	5.60E-05	cm^3/sec
B - Value	0.95	
Cell Pressure	100.0	psi
Back Pressure	90.0	psi
Confining (Effective) Pressure	10.0	psi
Max Head	49.24	cm
Min Head	48.53	cm
Maximum Gradient	6.25	
Minimum Gradient	6.16	

Final Data (After Test)

Average Height of Sample		3.102	in	7.88	cm	
Average Diameter of Sample		3.006	in	7.64	cm	
Area	7.10 in^2	45.79	cm^2			
Volume	360.75 cm^3	0.0127	ft^3	Dry Density	72.1	pcf
Mass	613.5 g	1.35	lb	Vol. of Voids	206.33	cm^3
				Vol. of Solids	154.43	cm^3
				Void Ratio	1.34	
				Saturation	95.3	%

Moisture Content

Mass of wet sample & tare	696.9	g
Mass of dry sample & tare	500.1	g
Mass of tare	82.6	g
% Moisture	47.1	

TIME FUNCTION			Δ t	READING	Head	Gradient	Temp.	PERMEABILITY (cm/sec)			
DATE	HOUR	MIN	(sec)	DP, (psi)	(cm)		T_x(°C)	@ T_x	R_T	@ 20 °C	
01/21/26	7	5	-	0.70	49.24	6.25	20.3	-	-	-	
01/21/26	7	15	600	0.69	48.53	6.16	20.3	1.97E-07	0.993	1.96E-07	
01/21/26	7	25	600	0.70	49.24	6.25	20.3	1.97E-07	0.993	1.96E-07	
01/21/26	7	35	600	0.69	48.53	6.16	20.3	1.97E-07	0.993	1.96E-07	*
01/21/26	7	45	600	0.70	49.24	6.25	20.3	1.97E-07	0.993	1.96E-07	*
01/21/26	7	55	600	0.69	48.53	6.16	20.3	1.97E-07	0.993	1.96E-07	*
01/21/26	8	5	600	0.70	49.24	6.25	20.3	1.97E-07	0.993	1.96E-07	*

Note: Deaired Water Used for Permeability Test.

DESCRIPTION: NA

USCS (ASTM D2487;2488): NA

REMARKS: Bottom Half of the mold was used for testing.

Reported Average Hydraulic Conductivity* 2.0E-07 cm/sec

Flow pump ID #	1043	Balance ID #	1035/1036	Differential Pressure Meter ID #	1045/1049
Thermometer ID #	796/985	Oven ID #	758	Board Pressure Meter ID #	1042
Syringe ID #	1046			Pore Pressure Meter ID #	779/780

*Constant Rate of Flow System (Flow Pump with Calibrated Syringe for Inflow and Calibrated Graduated Pipette for outflow) is capable to maintain a constant rate of inflow & outflow through the fully saturated sample with accuracy +/-5%. Flow Pump Rate isused for calculations of HC (ASTM STP 977) results at steady Differential Pressure (DP) Readings at the range of +/-5%. Permeation was stopped after HC versus Time (see table above) showed no significant upward or downward trend.

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	IH/TB
Date	01/14/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1	
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold	Depth/Elev. -
Sample ID	54205/OS-106	Subsample	1	Location	-	
Add. Info	-	Mixing/Molding Date	12/31/25		Curing Age, Days	14

ASTM D 1633: Standard Test Methods for Compressive Strength of Molded Soil-Cement Cylinders

METHOD B

SAMPLE DATA

Initial Height, in	3.804
Initial Diameter, in	1.993
Height-to-Diameter Ratio	1.91
Area, in^2	3.12
Volume, in^3	11.87
Mass of Sample, g	319.1
Wet Density, pcf	102.4
Dry Density, pcf	69.7
Machine Speed, in/min	0.050
Strain rate, % / min	1.31

WATER CONTENT DETERMINATION

Mass of Wet Sample and Tare, g	455.9
Mass of Dry Sample and Tare, g	354.3
Mass of Tare, g	138.1
Moisture, %	47.0

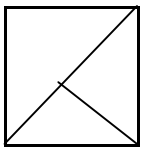
TEST DATA

Load Cell ID #	1133/1015	Digital Caliper ID #	17/583
Compression Device ID #	944/1014	Readout Device ID #	1134/1016
Balance ID #	1035/1036	Oven ID #	758

Maximum Load at Failure, lbf	169
Specimen Cross-sectional Area, in^2	3.12
Compressive Strength at Failure, psi	54
Conversion Factor for Height to Diameter Ratio	1.00
Reported Compressive Strength at Failure, psi	**54**

Failure Code: 3

Failure Sketch



Failure Type: Cone and Shear

*Note 2: * - A conversion factor based on H/D=1.15 (C.F.-.908 as 100% and add. correction per ASTM C42)*

DESCRIPTION

USCS (ASTM D2487: D2488)

REMARKS

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	EB/TB
Date	01/21/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold / Depth/Elevation / -
Sample ID	54205/OS-106	Subsample ID	3	Location	-
Add. Info	-	Mixing/Molding Date	12/31/25	Curing Age, Days	21

ASTM D 5084; Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter (Method D, Constant Rate of Flow)

Initial Sample Data (Before Test)

Height	3.128	in	7.95	cm
Diameter	3.007	in	7.64	cm
Area	7.10	in^2	45.82	cm^2
Volume	364.02	cm^3	0.0129	ft^3
Mass	604.0	g	1.33	lb
Specific Gravity	2.700	(Assumed)		
Dry Density	70.5	pcf		

Moisture Content

Mass of wet sample & tare	604.0	g
Mass of dry sample & tare	411.1	g
Mass of tare	0.0	g
% Moisture	46.9	

Test Data

Speed	10	
Board Number	10	
Cell Number	37	
Flow Pump Number	3B	
Flow Pump Rate*	2.24E-04	cm^3/sec
B - Value	0.95	
Cell Pressure	100.0	psi
Back Pressure	90.0	psi
Confining (Effective) Pressure	10.0	psi
Max Head	48.53	cm
Min Head	47.83	cm
Maximum Gradient	6.10	
Minimum Gradient	6.01	

Final Data (After Test)

Average Height of Sample			3.133	in	7.96	cm	
Average Diameter of Sample			3.006	in	7.64	cm	
Area	7.10	in^2	45.79	cm^2			
Volume	364.36	cm^3	0.0129	ft^3	Dry Density	70.4	pcf
Mass	613.0	g	1.35	lb	Vol. of Voids	212.07	cm^3
					Vol. of Solids	152.28	cm^3
					Void Ratio	1.39	
					Saturation	95.2	%

Moisture Content

Mass of wet sample & tare	695.1	g
Mass of dry sample & tare	493.3	g
Mass of tare	82.2	g
% Moisture	49.1	

TIME FUNCTION			Δ t	READING	Head	Gradient	Temp.	PERMEABILITY (cm/sec)			
DATE	HOUR	MIN	(sec)	DP, (psi)	(cm)		T_x(°C)	@ T_x	R_T	@ 20 °C	
01/21/26	9	5	-	0.69	48.53	6.10	20.3	-	-	-	
01/21/26	9	15	600	0.68	47.83	6.01	20.3	8.08E-07	0.993	8.02E-07	
01/21/26	9	25	600	0.69	48.53	6.10	20.3	8.08E-07	0.993	8.02E-07	
01/21/26	9	35	600	0.68	47.83	6.01	20.3	8.08E-07	0.993	8.02E-07	*
01/21/26	9	45	600	0.69	48.53	6.10	20.3	8.08E-07	0.993	8.02E-07	*
01/21/26	9	55	600	0.68	47.83	6.01	20.3	8.08E-07	0.993	8.02E-07	*
01/21/26	10	5	600	0.69	48.53	6.10	20.3	8.08E-07	0.993	8.02E-07	*

Reported Average Hydraulic Conductivity* 8.0E-07 cm/sec

Note: Deaired Water Used for Permeability Test.

DESCRIPTION: NA

USCS (ASTM D2487;2488): NA

REMARKS: Bottom Half of the mold was used for testing.

Flow pump ID #	475	Balance ID #	1035/1036	Differential Pressure Meter ID #	262
Thermometer ID #	796/985	Oven ID #	758	Board Pressure Meter ID #	571
Syringe ID #	490			Pore Pressure Meter ID #	29

*Constant Rate of Flow System (Flow Pump with Calibrated Syringe for Inflow and Calibrated Graduated Pipette for outflow) is capable to maintain a constant rate of inflow & outflow through the fully saturated sample with accuracy +/-5%. Flow Pump Rate isused for calculations of HC (ASTM STP 977) results at steady Differential Pressure (DP) Readings at the range of +/-5%. Permeation was stopped after HC versus Time (see table above) showed no significant upward or downward trend.

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	IH/TB
Date	01/14/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1	
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold	Depth/Elev. -
Sample ID	54206/OS-107	Subsample	1	Location	-	
Add. Info	-	Mixing/Molding Date	12/31/25		Curing Age, Days	14

ASTM D 1633: Standard Test Methods for Compressive Strength of Molded Soil-Cement Cylinders

METHOD **B**

SAMPLE DATA

Initial Height, in	3.728
Initial Diameter, in	1.984
Height-to-Diameter Ratio	1.88
Area, in^2	3.09
Volume, in^3	11.53
Mass of Sample, g	314.2
Wet Density, pcf	103.9
Dry Density, pcf	71.3
Machine Speed, in/min	0.050
Strain rate, % / min	1.34

WATER CONTENT DETERMINATION

Mass of Wet Sample and Tare, g	450.8
Mass of Dry Sample and Tare, g	353.1
Mass of Tare, g	138.7
Moisture, %	45.6

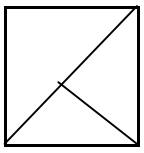
TEST DATA

Load Cell ID #	1133/1015	Digital Caliper ID #	17/583
Compression Device ID #	944/1014	Readout Device ID #	1134/1016
Balance ID #	1035/1036	Oven ID #	758/496

Maximum Load at Failure, lbf	104
Specimen Cross-sectional Area, in^2	3.09
Compressive Strength at Failure, psi	34
Conversion Factor for Height to Diameter Ratio	1.00
Reported Compressive Strength at Failure, psi	**34**

Failure Code: 3

Failure Sketch



Failure Type: Cone and Shear

*Note 2: * - A conversion factor based on H/D=1.15 (C.F.-.908 as 100% and add. correction per ASTM C42)*

DESCRIPTION

USCS (ASTM D2487: D2488)

REMARKS

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	IH/TB
Date	01/28/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1	
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold	Depth/Elev. -
Sample ID	54206/OS-107	Subsample	2	Location	-	
Add. Info	-	Mixing/Molding Date	12/31/25		Curing Age, Days	28

ASTM D 1633: Standard Test Methods for Compressive Strength of Molded Soil-Cement Cylinders

METHOD B

SAMPLE DATA

Initial Height, in	3.821
Initial Diameter, in	1.993
Height-to-Diameter Ratio	1.92
Area, in^2	3.12
Volume, in^3	11.92
Mass of Sample, g	319.4
Wet Density, pcf	102.1
Dry Density, pcf	69.6
Machine Speed, in/min	0.050
Strain rate, % / min	1.31

WATER CONTENT DETERMINATION

Mass of Wet Sample and Tare, g	457.3
Mass of Dry Sample and Tare, g	356.2
Mass of Tare, g	139.4
Moisture, %	46.6

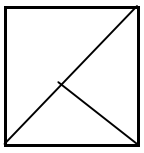
TEST DATA

Load Cell ID #	1133/1015	Digital Caliper ID #	17/583
Compression Device ID #	944/1014	Readout Device ID #	1134/1016
Balance ID #	1035/1036	Oven ID #	758/496

Maximum Load at Failure, lbf	192
Specimen Cross-sectional Area, in^2	3.12
Compressive Strength at Failure, psi	62
Conversion Factor for Height to Diameter Ratio	1.00
Reported Compressive Strength at Failure, psi	**62**

Failure Code: 3

Failure Sketch



Failure Type: Cone and Shear

*Note 2: * - A conversion factor based on H/D=1.15 (C.F.-.908 as 100% and add. correction per ASTM C42)*

DESCRIPTION

USCS (ASTM D2487: D2488)

REMARKS

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	EB/TB
Date	01/21/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold / Depth/Elevation / -
Sample ID	54206/OS-107	Subsample ID	3	Location	-
Add. Info	-	Mixing/Molding Date	12/31/25	Curing Age, Days	21

ASTM D 5084; Standard Test Method for Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter (Method D, Constant Rate of Flow)

Initial Sample Data (Before Test)

Height	3.092	in	7.85	cm
Diameter	2.991	in	7.60	cm
Area	7.03	in^2	45.33	cm^2
Volume	356.01	cm^3	0.0126	ft^3
Mass	590.1	g	1.30	lb
Specific Gravity	2.700	(Assumed)		
Dry Density	70.7	pcf		

Moisture Content

Mass of wet sample & tare	590.1	g
Mass of dry sample & tare	403.1	g
Mass of tare	0.0	g
% Moisture	46.4	

Test Data

Speed	12	
Board Number	3	
Cell Number	103	
Flow Pump Number	2A	
Flow Pump Rate*	5.60E-05	cm^3/sec
B - Value	0.95	
Cell Pressure	100.0	psi
Back Pressure	90.0	psi
Confining (Effective) Pressure	10.0	psi
Max Head	19.70	cm
Min Head	18.99	cm
Maximum Gradient	2.50	
Minimum Gradient	2.42	

Final Data (After Test)

Average Height of Sample		3.096	in	7.86	cm	
Average Diameter of Sample		2.992	in	7.60	cm	
Area	7.03 in^2	45.36	cm^2			
Volume	356.71 cm^3	0.0126	ft^3	Dry Density	70.6	pcf
Mass	600.8 g	1.32	lb	Vol. of Voids	207.34	cm^3
				Vol. of Solids	149.37	cm^3
				Void Ratio	1.39	
				Saturation	95.3	%

Moisture Content

Mass of wet sample & tare	676.5	g
Mass of dry sample & tare	479.1	g
Mass of tare	76.0	g
% Moisture	49.0	

TIME FUNCTION			Δ t	READING	Head	Gradient	Temp.	PERMEABILITY (cm/sec)			
DATE	HOUR	MIN	(sec)	DP, (psi)	(cm)		T_x(°C)	@ T_x	R_T	@ 20 °C	
01/21/26	10	20	-	0.28	19.70	2.50	20.3	-	-	-	
01/21/26	10	30	600	0.27	18.99	2.42	20.3	5.02E-07	0.993	4.98E-07	
01/21/26	10	40	600	0.28	19.70	2.50	20.3	5.02E-07	0.993	4.98E-07	
01/21/26	10	50	600	0.27	18.99	2.42	20.3	5.02E-07	0.993	4.98E-07	*
01/21/26	11	0	600	0.28	19.70	2.50	20.3	5.02E-07	0.993	4.98E-07	*
01/21/26	11	10	600	0.27	18.99	2.42	20.3	5.02E-07	0.993	4.98E-07	*
01/21/26	11	20	600	0.28	19.70	2.50	20.3	5.02E-07	0.993	4.98E-07	*

Reported Average Hydraulic Conductivity* 5.0E-07 cm/sec

Note: Deaired Water Used for Permeability Test.

DESCRIPTION: NA

USCS (ASTM D2487;2488): NA

REMARKS: Bottom Half of the mold was used for testing.

Flow pump ID #	244	Balance ID #	1035/1036	Differential Pressure Meter ID #	346
Thermometer ID #	796/985	Oven ID #	758	Board Pressure Meter ID #	1041
Syringe ID #	245			Pore Pressure Meter ID #	26/27

*Constant Rate of Flow System (Flow Pump with Calibrated Syringe for Inflow and Calibrated Graduated Pipette for outflow) is capable to maintain a constant rate of inflow & outflow through the fully saturated sample with accuracy +/-5%. Flow Pump Rate isused for calculations of HC (ASTM STP 977) results at steady Differential Pressure (DP) Readings at the range of +/-5%. Permeation was stopped after HC versus Time (see table above) showed no significant upward or downward trend.

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	IH/TB
Date	02/25/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1A	
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold	Depth/Elev. -
Sample ID	54203/OS-104	Subsample	2	Location	-	
Add. Info	-	Mixing/Molding Date	12/31/25		Curing Age, Days	56

ASTM D 1633: Standard Test Methods for Compressive Strength of Molded Soil-Cement Cylinders

METHOD B

SAMPLE DATA

Initial Height, in	3.975
Initial Diameter, in	2.002
Height-to-Diameter Ratio	1.99
Area, in^2	3.15
Volume, in^3	12.51
Mass of Sample, g	341.6
Wet Density, pcf	104.0
Dry Density, pcf	71.8
Machine Speed, in/min	0.050
Strain rate, % / min	1.26

WATER CONTENT DETERMINATION

Mass of Wet Sample and Tare, g	480.1
Mass of Dry Sample and Tare, g	375.0
Mass of Tare, g	139.8
Moisture, %	44.7

TEST DATA

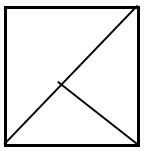
Load Cell ID #	1133/1015	Digital Caliper ID #	17/583
Compression Device ID #	944/1014	Readout Device ID #	1134/1016
Balance ID #	1035/1036	Oven ID #	758/496

Maximum Load at Failure, lbf	407
Specimen Cross-sectional Area, in^2	3.15
Compressive Strength at Failure, psi	129
Conversion Factor for Height to Diameter Ratio	1.00
Reported Compressive Strength at Failure, psi	**129**

Failure Code: 3

*Note 2: * - A conversion factor based on H/D=1.15 (C.F.-.908 as 100% and add. correction per ASTM C42)*

Failure Sketch



DESCRIPTION

Failure Type: Cone and Shear

USCS (ASTM D2487: D2488)

REMARKS

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	IH/TB
Date	02/25/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1A	
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold	Depth/Elev. -
Sample ID	54205/OS-106	Subsample	2	Location	-	
Add. Info	-	Mixing/Molding Date	12/31/25		Curing Age, Days	56

ASTM D 1633: Standard Test Methods for Compressive Strength of Molded Soil-Cement Cylinders

METHOD B

SAMPLE DATA

Initial Height, in	4.020
Initial Diameter, in	1.996
Height-to-Diameter Ratio	2.01
Area, in^2	3.13
Volume, in^3	12.58
Mass of Sample, g	336.9
Wet Density, pcf	102.0
Dry Density, pcf	69.5
Machine Speed, in/min	0.050
Strain rate, % / min	1.24

WATER CONTENT DETERMINATION

Mass of Wet Sample and Tare, g	475.3
Mass of Dry Sample and Tare, g	368.2
Mass of Tare, g	139.4
Moisture, %	46.8

TEST DATA

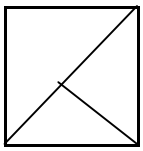
Load Cell ID #	1133/1015	Digital Caliper ID #	17/583
Compression Device ID #	944/1014	Readout Device ID #	1134/1016
Balance ID #	1035/1036	Oven ID #	758/496

Maximum Load at Failure, lbf	333
Specimen Cross-sectional Area, in^2	3.13
Compressive Strength at Failure, psi	106
Conversion Factor for Height to Diameter Ratio	1.00
Reported Compressive Strength at Failure, psi	**106**

Failure Code: 3

*Note 2: * - A conversion factor based on H/D=1.15 (C.F.-.908 as 100% and add. correction per ASTM C42)*

Failure Sketch



DESCRIPTION

Failure Type: Cone and Shear

USCS (ASTM D2487: D2488)

REMARKS

TIMELY ENGINEERING SOIL TESTS, LLC
1874 Forge Street Tucker, GA 30084
Phone: 770-938-8233
Fax: 770-923-8973
Web: www.test-llc.com

AASHTO ACCREDITED

Tested By	IH/TB
Date	02/25/26
Checked By	AB

Client Pr. #	26001			Lab. PR. #	26181-01-1A	
Pr. Name	Renova Ostego Street Treatability Study			S. Type	Mold	Depth/Elev. -
Sample ID	54207/OS-108	Subsample	2	Location	-	
Add. Info	-	Mixing/Molding Date	12/31/25		Curing Age, Days	56

ASTM D 1633: Standard Test Methods for Compressive Strength of Molded Soil-Cement Cylinders

METHOD B

SAMPLE DATA

Initial Height, in	3.968
Initial Diameter, in	1.997
Height-to-Diameter Ratio	1.99
Area, in^2	3.13
Volume, in^3	12.43
Mass of Sample, g	337.7
Wet Density, pcf	103.5
Dry Density, pcf	70.3
Machine Speed, in/min	0.050
Strain rate, % / min	1.26

WATER CONTENT DETERMINATION

Mass of Wet Sample and Tare, g	476.3
Mass of Dry Sample and Tare, g	368.2
Mass of Tare, g	139.5
Moisture, %	47.3

TEST DATA

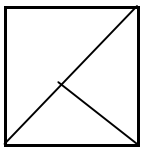
Load Cell ID #	1133/1015	Digital Caliper ID #	17/583
Compression Device ID #	944/1014	Readout Device ID #	1134/1016
Balance ID #	1035/1036	Oven ID #	758/496

Maximum Load at Failure, lbf	452
Specimen Cross-sectional Area, in^2	3.13
Compressive Strength at Failure, psi	144
Conversion Factor for Height to Diameter Ratio	1.00
Reported Compressive Strength at Failure, psi	**144**

Failure Code: 3

*Note 2: * - A conversion factor based on H/D=1.15 (C.F.-.908 as 100% and add. correction per ASTM C42)*

Failure Sketch



DESCRIPTION

Failure Type: Cone and Shear

USCS (ASTM D2487: D2488)

REMARKS

APPENDIX 3
Support-of-Excavation Drawings

IN-SITU SOLIDIFICATION PROGRAM SUPPORT OF EXCAVATION PLAN SET

SCOPE OF WORK:
THE SCOPE OF WORK REPRESENTED ON THIS PLAN SET INCLUDES TEMPORARY SUPPORT OF EXCAVATION. SPECIFICALLY, THIS SCOPE INCLUDES SOIL CUTS, BENCHING, TRENCH BOX SHORING, AND SOLDIER PILES DURING THE PERFORMANCE OF THE IN-SITU SOLIDIFICATION PROGRAM PROPOSED AT THE PROJECT SITE.

BASED ON THE EXTENTS OF EXCAVATION PRESENTED ON THIS PLAN SET, NO BUILDINGS/STRUCTURES, UTILITIES, INFRASTRUCTURE, OR SUBSURFACE STRUCTURES ARE WITHIN THE INFLUENCE OF THE EXCAVATION AND/OR SOE OPERATIONS.

THE PRIMARY SITE SOE CONSISTS OF EITHER A 1.5H:1V SLOPE TO A DEPTH OF 6 FEET OR A 3 FOOT VERTICAL CUT. THIS SATISFIES THE CRITERIA OF BC3304.1.2. AS SUCH, IN REGARDS TO THIS CONDITION, SOE CONSTRUCTION DOCUMENTS ARE NOT REQUIRED.

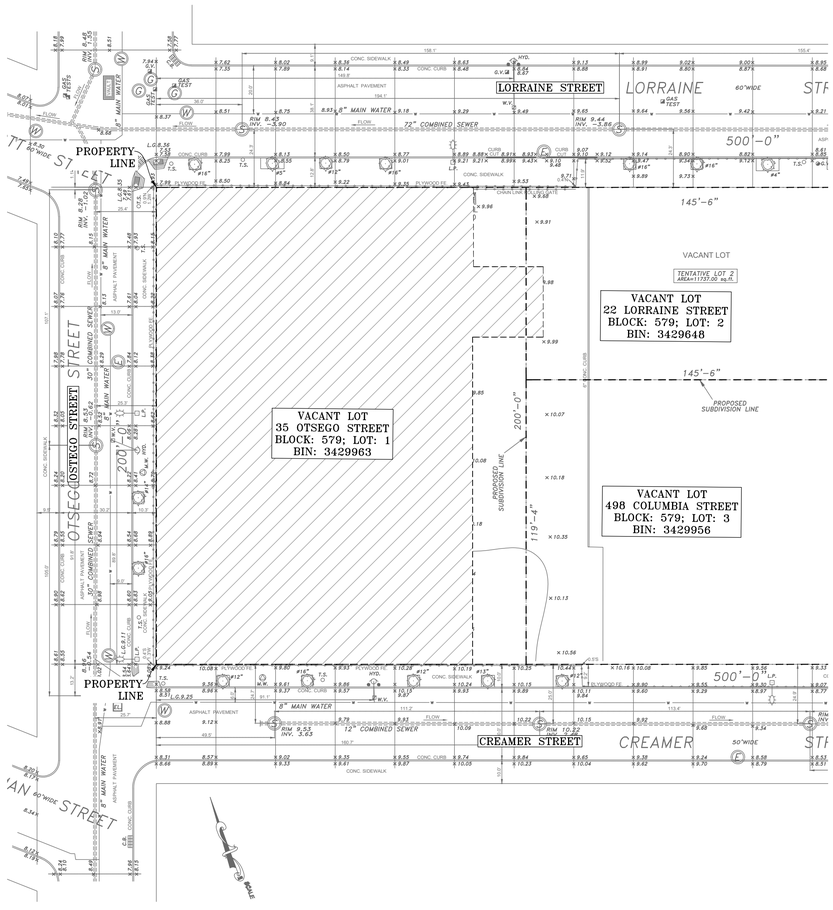
HOWEVER, THE SITE WILL UNDERGO ISS SOIL MIX. THE SOIL MIX PROGRAM WILL CAUSE A HEAVE OF 3 FEET. AS SUCH, THE SOE PLAN SET IS SPECIFYING A TEMPORARY VERTICAL CUT OF UP TO 6 FEET. THE 6 FOOT CUT WILL BE MADE ONLY IN THE ISS CELL LOCATION (15'X20') AND WILL BE IMMEDIATELY RESTORED VIA THE IMPLEMENTATION OF THE ISS SOIL MIX PROGRAM TO A VERTICAL CUT OF 3 FEET. WE ANTICIPATE THAT THE 6 FOOT CUT CAN BE MAINTAINED VERTICALLY DURING THE IMPLEMENTATION OF THE ISS SOIL MIX; HOWEVER, WORKER AND STREET PROTECTIONS INCLUDING "NO PEDESTRIAN TRAFFIC OR SURCHARGE ALLOWED WITHIN THE 1V:1.5H INFLUENCE LINE FROM VERTICAL CUT" AND "NO PERSONNEL SHALL BE PERMITEED WITHIN 8 FEET OF TEMPORARY 6 FOOT VERTICAL CUT" ARE SPECIFIED ON THE CROSS-SECTION TO ENSURE SAFETY.

A TRENCH BOX DETAIL IN THE CASE THAT A 6 FOOT VERTICAL CUT CANNOT BE MAINTAINED IS PROVIDED AS SUPPLEMENTAL SOE; HOWEVER, PER BC3304.4.1.3, PROVIDED A TRENCH BOX IS UTILIZED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, SOE CONSTRUCTION DOCUMENTS ARE NOT REQUIRED.

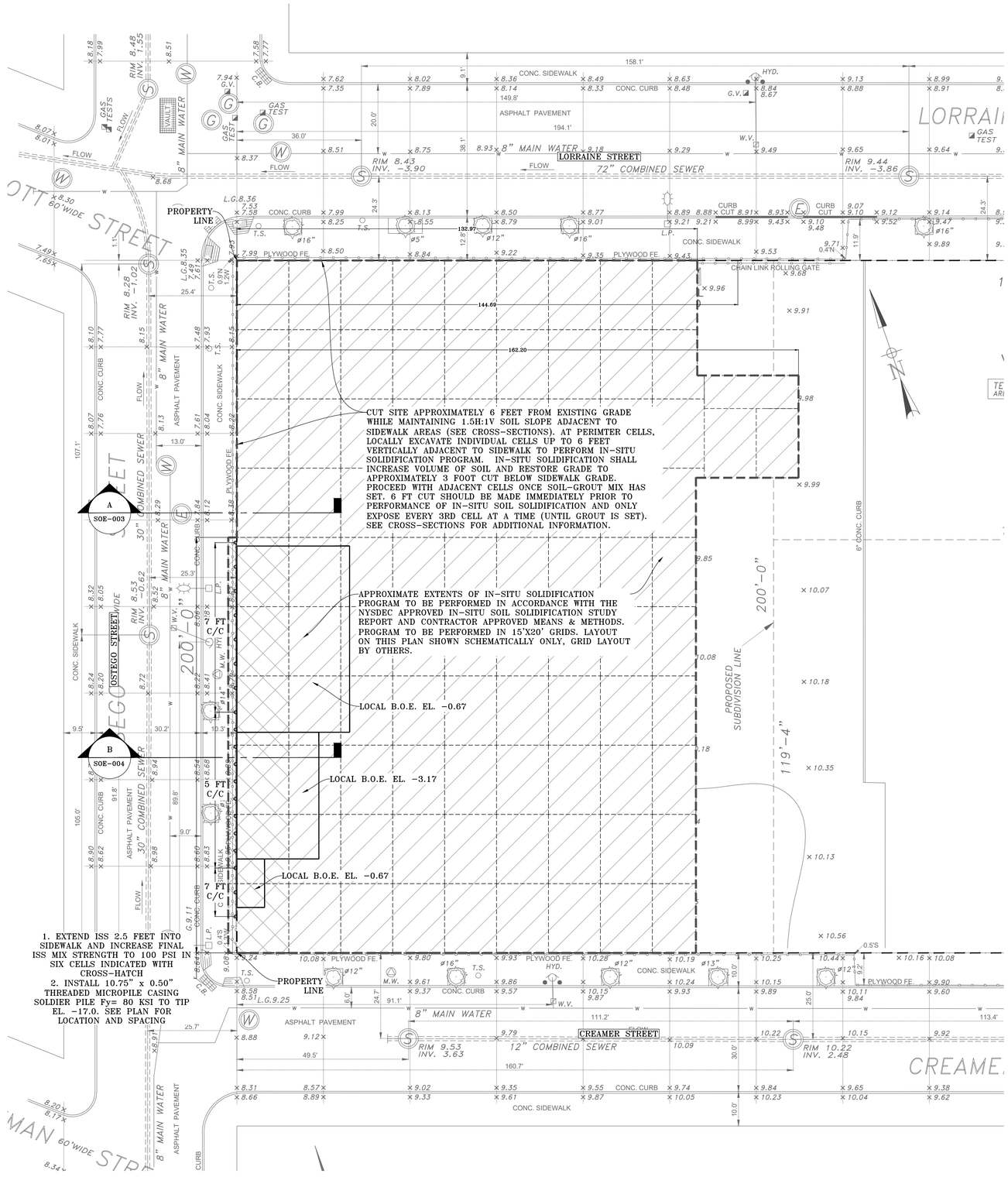
THE SOUTH EAST CORNER ALSO INCLUDES ADDITIONAL SOLDIER PILES TO PERMIT FOR LOCALLY DEEPER EXCAVATIONS IN THIS AREA. SEE PLAN AND SOE-004 FOR DETAILS.

TABLE OF CONTENTS

DRAWING TITLE	DRAWING NUMBER
SUPPORT OF EXCAVATION PLAN	SOE-001
NOTES	SOE-002
ISS CROSS-SECTIONS	SOE-003
ADD. EXCAVATION CROSS-SECTION & DETAILS	SOE-004



1 PLOT PLAN
SCALE: 1":30'



2 SUPPORT OF EXCAVATION PLAN
SCALE: 1":16'

VICINITY MAP
N.T.S.

THE STATE OF NEW YORK REQUIRES NOTIFICATION BY EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE STATE.

PREPARED BY:
JZN ENGINEERING
959 S. SPRINGFIELD AVENUE, SUITE 100
SPRINGFIELD P: (973) 218-6561
NEW JERSEY 07081

NO.	DATE	BY	DESCRIPTION	APPROVED
6.	03/12/26	GR	PER LATEST PROJECT DOCS.	NEJ
5.	10/06/25	GR	ALT. LAGGING DETAIL	NEJ
4.	9/18/25	GR	ADD. SOLDIER PILES	NEJ
3.	6/16/25	GR	PER REVIEW COMMENTS	NEJ
2.	6/2/25	GR	PER TEAM COMMENTS	NEJ
1.	5/23/25	GR	PER TEAM COMMENTS	NEJ

REVISIONS

PROJECT NAME:
35-37 OTSEGO STREET
BLOCK: 579; LOT: 1
BOROUGH OF BROOKLYN
CITY & STATE OF NEW YORK

DRAWING TITLE:
SUPPORT OF EXCAVATION PLAN

SEAL & SIGNATURE

3/12/26
NEJM E. JUNDI DATE
NEW YORK STATE PROFESSIONAL ENGINEER #083095

ALTERATION OR ADDITION TO THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL ENGINEER IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.

DATE:	05/21/25
SCALE:	VARIES
PROJECT No:	23030-000
DOB NOW:	B01243772-I7
DRAWING BY:	GR
CHK BY:	NEJ
APPROVED BY:	NEJ
DWG No:	SOE-001.01
CAD FILE No:	23030000
PAGE No:	1 of 4

REFERENCES:
SOE PLANS ARE DEVELOPED FROM:

a. A SEPTEMBER 20, 2024 ARCHITECTURAL SURVEY PREPARED BY PERFECT POINT LAND SURVEYING.
b. THE NYSDEC APPROVED IN-SITU SOIL SOLIDIFICATION STUDY REPORT.
c. AN APRIL 9, 2024 (LAST REVISED NOVEMBER 13, 2024) REPORT OF GEOTECHNICAL ENGINEERING SET PREPARED BY JZN ENGINEERING, PC.

PLAN SET DESIGN SCOPE

THE SCOPE OF WORK REPRESENTED ON THIS PLAN SET INCLUDES TEMPORARY SUPPORT OF EXCAVATION. SPECIFICALLY, THIS SCOPE INCLUDES SOIL CUTS, BENCHING, TRENCH BOX SHORING, AND SOLDIER PILES DURING THE PERFORMANCE OF THE IN-SITU SOLIDIFICATION PROGRAM PROPOSED AT THE PROJECT SITE.

BASED ON THE EXTENTS OF EXCAVATION PRESENTED ON THIS PLAN SET, NO BUILDINGS/STRUCTURES, UTILITIES, INFRASTRUCTURE, OR SUBSURFACE STRUCTURES ARE WITHIN THE INFLUENCE OF THE EXCAVATION AND/OR SOE OPERATIONS.

THE PRIMARY SITE SOE CONSISTS OF EITHER A 1.5H:1V SLOPE TO A DEPTH OF 6 FEET OR A 3 FOOT VERTICAL CUT. THIS SATISFIES THE CRITERIA OF BC3304.1.2. AS SUCH, IN REGARDS TO THIS CONDITION, SOE CONSTRUCTION DOCUMENTS ARE NOT REQUIRED.

HOWEVER, THE SITE WILL UNDERGO ISS SOIL MIX. THE SOIL MIX PROGRAM WILL CAUSE A HEAVE OF 3 FEET. AS SUCH, THE SOE PLAN SET IS SPECIFYING A TEMPORARY VERTICAL CUT OF UP TO 6 FEET. THE 6 FOOT CUT WILL BE MADE ONLY IN THE ISS CELL LOCATION (15'X20') AND WILL BE IMMEDIATELY RESTORED VIA THE IMPLEMENTATION OF THE ISS SOIL MIX PROGRAM TO A VERTICAL CUT OF 3 FEET. WE ANTICIPATE THAT THE 6 FOOT CUT CAN BE MAINTAINED VERTICALLY DURING THE IMPLEMENTATION OF THE ISS SOIL MIX; HOWEVER, WORKER AND STREET PROTECTIONS INCLUDING "NO PEDESTRIAN TRAFFIC OR SURCHARGE ALLOWED WITHIN THE 1V:1.5H INFLUENCE LINE FROM VERTICAL CUT" AND "NO PERSONNEL SHALL BE PERMITEED WITHIN 8 FEET OF TEMPORARY 6 FOOT VERTICAL CUT" ARE SPECIFIED ON THE CROSS-SECTION TO ENSURE SAFETY.

A TRENCH BOX DETAIL IN THE CASE THAT A 6 FOOT VERTICAL CUT CANNOT BE MAINTAINED IS PROVIDED AS SUPPLEMENTAL SOE; HOWEVER, PER BC3304.4.1.3, PROVIDED A TRENCH BOX IS UTILIZED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, SOE CONSTRUCTION DOCUMENTS ARE NOT REQUIRED.

THE SOUTH EAST CORNER ALSO INCLUDES ADDITIONAL SOLDIER PILES TO PERMIT FOR LOCALLY DEEPER EXCAVATIONS IN THIS AREA. SEE PLAN AND SOE-004 FOR DETAILS.

GENERAL NOTES:

1. ALL ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. THE CONTRACTOR, MATERIALS AND WORKMANSHIP SHALL COMPLY WITH THE REQUIREMENTS OF THE NEW YORK BUILDING CODE (NYCBC 2022) AND ALL APPLICABLE FEDERAL AND STATE CODES, STANDARDS, REGULATIONS, AND LAWS.
3. THE CONTRACTOR SHALL PROTECT EXISTING FACILITIES, STRUCTURES AND UTILITY LINES FROM ALL DAMAGE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING OF EXCAVATIONS WHERE NECESSARY.
5. THE OWNER IS RESPONSIBLE FOR OBTAINING CONTROLLED INSPECTIONS ACCORDING TO NEW YORK BUILDING CODE (NYCBC 2022).
6. IF CONDITIONS IN THE FIELD ARE DIFFERENT THAN THOSE INDICATED ON THE CONTRACT DOCUMENTS OR DESIGN CALCULATIONS, WORK SHOULD STOP AND THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
7. NO REVISIONS, ALTERNATES OR SUBSTITUTIONS TO THE CONTRACT DOCUMENTS ARE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER.
8. THE DRAWINGS ARE NOT TO BE SCALED FOR DIMENSIONS.
9. IF ANY CONFLICTS SHALL ARISE BETWEEN OR WITHIN THE CONSTRUCTION DRAWINGS AND MANUFACTURER'S RECOMMENDATIONS THE MOST STRINGENT REQUIREMENT SHALL APPLY.
10. THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMANENT FALL PROTECTION AND/OR VEHICULAR BARRIERS WHICH MAY BE REQUIRED BY GOVERNING CODES. THE LOCATION, TYPE AND DESIGN OF THESE ITEMS ARE BY OTHERS.
11. LOCATIONS AND ELEVATIONS OF ALL WORK EXTENTS SHOWN ON THIS DRAWING MAY BE APPROXIMATE.
12. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS, AND COORDINATE WITH ALL CONTRACT DRAWINGS, PROJECT SHOP DRAWINGS AND FIELD CONDITIONS PRIOR TO CONSTRUCTION. IF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND DESIGN PLANS ARISE, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
13. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED PRIOR TO STARTING WORK.
14. NOTIFY NEIGHBORING PROPERTY OWNERS PRIOR TO EXCAVATION AS REQUIRED BY LOCAL REGULATIONS.
15. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXACT LOCATION AND DEPTH OF UTILITIES, PIPING, ETC. PRIOR TO THE START OF WORK. THE CONTRACTOR MUST CONTACT THE APPROPRIATE LOCAL "ONE CALL" SYSTEM TO ENSURE THAT ALL UTILITIES ARE PROPERLY AND COMPLETELY MARKED OUT IN THE FIELD PRIOR TO ANY WORK AT THE SITE. ANY DISCREPANCIES BETWEEN THE FIELD LOCATIONS AND THE PLANS SHALL BE REPORTED TO THE ENGINEER IN WRITING IMMEDIATELY. THE CONTRACTOR IS ADVISED THAT UTILITY INFORMATION SHOWN ON THE PLAN IS A COMPILATION OF FIELD LOCATIONS AND RECORD DRAWINGS AND MUST BE CONFIRMED ACCORDINGLY. THE CONTRACTOR IS ALSO ADVISED THAT SUCH FACILITIES DISTURBED DURING CONSTRUCTION MUST BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
16. IF ANY UTILITY IS TO BE REMOVED, RELOCATED, OR HAVE ITS SERVICE INTERRUPTED, THE UTILITY COMPANY OR CITY AGENCY AFFECTED SHALL BE NOTIFIED AT LEAST 72 HOURS IN ADVANCE. PRIOR TO THE REMOVAL OF ANY SERVICE. THE UTILITY CONNECTION SHALL BE DISCONNECTED AND CAPPED, AND CERTIFICATIONS TO THAT EFFECT ISSUED BY THE REPRESENTATIVE UTILITY COMPANY SHALL BE FILED WITH THE DEPARTMENT.
17. THESE DRAWINGS DO NOT EXPRESS SAFETY ISSUES RELATED TO THE EXCAVATION OR CONSTRUCTION OF THE SHORING SYSTEM. ENGINEER OF RECORD NOT RESPONSIBLE FOR SITE OR JOB SITE SUPERVISION. SITE SAFETY AND CONSTRUCTION PROCEDURES ARE THE RESPONSIBILITY OF THE CONTRACTOR AND SITE SUPERVISOR.
18. SEQUENCE AND COORDINATION OF CONSTRUCTION IS SOLELY THE CONTRACTOR'S RESPONSIBILITY.
19. BARRIERS AND FENCING AROUND SITE MUST BE PROVIDED BY CONTRACTOR IN ACCORDANCE WITH ALL APPLICABLE LAWS, BUILDING CODES, TOWN ORDINANCES, AND REGULATIONS.
20. EXCAVATIONS WITHIN 5 FT AND 20 FT IN DEPTH SHALL HAVE A MAXIMUM SLOPE OF 1.5H:1V UNLESS OTHERWISE APPROVED BY THE ENGINEER OF RECORD. CONTRACTOR TO PROVIDE EROSION AND STORM WATER CONTROLS AT ALL TIMES TO PROTECT FROM SLOPE SLOUGHING AND EROSION.
21. ALL SIDES OR SLOPES OF EXCAVATIONS SHALL BE INSPECTED AFTER STORM EVENTS, AND SAFE CONDITIONS SHALL BE RESTORED.
22. EVERY EXCAVATION SHALL PROVIDE A SAFE MEANS OF INGRESS AND EGRESS THAT IS KEPT AVAILABLE AT ALL TIMES.
23. THE CONTRACTOR SHALL EXERCISE EXTREME CARE WHEN PERFORMING ANY WORK ACTIVITIES ADJACENT TO EXISTING STRUCTURES/UTILITY LINES TO REMAIN. CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING THE APPROPRIATE MEASURES AS NECESSARY TO ENSURE THE STABILITY OF UTILITIES/STRUCTURES/SIDEWALKS AND PAVEMENT TO REMAIN, AND PROVIDE A SAFE WORK AREA.
24. CONTRACTOR SHALL PROTECT ALL ADJOINING PROPERTIES IN ACCORDANCE TO NYCBC-2022.
25. CONTRACTOR SHALL PREVENT THE ACCUMULATION OF WATER OR WATER DAMAGE TO ANY FOUNDATIONS ON THE PREMISES OR TO ADJOINING PROPERTY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO TAKE EROSION CONTROL MEASURES NECESSARY IN ACCORDANCE WITH NYC GUIDELINES FOR URBAN EROSION & SEDIMENT CONTROL TO PREVENT SEDIMENT AND/OR LOOSE DEBRIS FROM WASHING INTO ADJACENT PROPERTIES.
26. ALL EXCAVATIONS SHALL BE DRAINED, AND THE DRAINAGE SHALL BE MAINTAINED AS LONG AS THE EXCAVATION CONTINUES OR REMAINS. WHERE NECESSARY, PUMPING SHALL BE USED, PROVIDED PROPER PERMITS ARE OBTAINED FROM THE NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION.
27. CONTRACTOR SHALL ENSURE THAT NO INTERFERENCE WITH NATURAL SURFACE DRAINAGE WILL BE CREATED AS A RESULT OF CONSTRUCTION OR DEMOLITION OPERATIONS.
28. WATER COURSES, DRAINAGE DITCHES, ETC., SHALL NOT BE OBSTRUCTED BY ANY DEBRIS THAT MAY INTERFERE WITH SURFACE DRAINAGE OR CAUSE THE IMPOUNDMENT OF SURFACE WATERS.
29. WATERPROOFING DESIGN (AS REQUIRED) TO BE COMPLETED BY OTHERS.
30. IF JZN ENGINEERING, PC. HAS BEEN RELEASED OR HAS WITHDRAWN ITS RESPONSIBILITY FOR SPECIAL INSPECTIONS AND A FIRM OTHER THAN JZN ENGINEERING, PC. IS ENGAGED BY THE OWNER, OWNER'S REPRESENTATIVE, OR CONTRACTOR FOR SPECIAL INSPECTION OF THE DESIGN SHOWN ON THESE DRAWINGS, THEN WE REQUIRE THAT JZN ENGINEERING, PC. BE RETAINED TO REVIEW THE INSPECTION AGENCY'S FIELD REPORTS AND FOR SITE VISITS BY OUR PERSONNEL DURING RELEVANT CONSTRUCTION ACTIVITIES.

NYCDOB NOTES

1. CONTRACTOR SHALL TAKE NOTICE OF THE REQUIREMENTS CONTAINED IN 1RCNY SECTION 52-01 FOR EXCAVATIONS & EARTHWORK AND THE 2022 NEW YORK CITY CONSTRUCTION CODE, SECTION 33 FOR SAFEGUARDS DURING CONSTRUCTION. CONTRACTOR SHALL FULLY COMPLY WITH EACH AND EVERY ONE OF SAID REQUIREMENTS THROUGHOUT THE PROJECT. CONTRACTOR SHOULD REFER TO WWW.NYC.GOV/BUILDINGS FOR ADDITIONAL INFORMATION.
2. AS PER SECTION 27-195 OF THE ADMINISTRATIVE CODE, NO EARTHWORK SHALL START UNLESS THE PERMIT HOLDER NOTIFIES THE NYCDOB VIA PHONE OR ELECTRONICALLY AT LEAST 24 HOURS, BUT NO MORE THAN 48 HOURS PRIOR TO THE COMMENCEMENT OF EARTHWORK. EXCAVATIONS 5' TO 10' IN DEPTH WITHIN 10 FEET OF AN ADJACENT BUILDING OR EXCAVATION OVER 10' DEEP ANYWHERE ON SITE REQUIRE THAT THE PERSONS CAUSING THE EXCAVATION PROVIDE WRITTEN NOTICE TO THE OWNERS OF ADJACENT BUILDING OR BUILDINGS NOT LESS THAN 10 DAYS PRIOR TO THE SCHEDULED STARTING DATE OF THE EXCAVATION. THE WRITTEN NOTICE SHALL PROVIDE A DESCRIPTION OF THE WORK TO BE PERFORMED, THE TIMEFRAME AND SCHEDULE, AND CONTACT INFORMATION OF THE PERSON CAUSING THE EXCAVATION AND OF THE DEPARTMENT. SHOULD THE NOTIFICATION DATE FALL ON A WEEKEND OR AN OFFICIAL HOLIDAY, THE PERMIT HOLDER SHALL NOTIFY THE DEPARTMENT ON THE LAST BUSINESS DAY BEFORE THE COMMENCEMENT DATE AND A MINIMUM OF 24-48 HOURS PRIOR TO START OF CONSTRUCTION.
3. UNLESS SPECIFICALLY NOTED OTHERWISE, JZN ENGINEERING, P.C. IS RETAINED SOLELY TO PROVIDE PLANS FOR THE SUBJECT PROJECT AND RESPONSIBILITY IS THEREBY LIMITED TO THE ACCURACY OF THESE DRAWINGS.
4. UNLESS OTHERWISE STATED, JZN ENGINEERING, P.C. IS NOT RETAINED FOR ANY JOB SUPERVISION, BUT MAY BE RETAINED FOR SPECIFIC SPECIAL/PROGRESS INSPECTIONS. CONTRACTOR TO CONTACT THE ENGINEER DESIGNATED ON THE TECHNICAL RESPONSIBILITY FORM (TR-1) IN WRITING AT LEAST 72 HRS. PRIOR TO START OF WORK TO ARRANGE FOR REQUIRED INSPECTIONS.
5. THE SPECIAL INSPECTION AGENCY IS NOT RESPONSIBLE FOR ANY WORK PERFORMED WITHOUT PRIOR WRITTEN NOTICE TO THE ENGINEER NOR FOR ANY UNINSPECTED OR UNACCEPTABLE WORK.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED WORK PERMITS FOR ALL WORK SHOWN ON PLANS PRIOR TO START OF WORK. AS PER NYCDOB CODE, PERMITS FOR WORK DEPICTED IN THESE PLANS SHALL BE POSTED AT JOB SITE WITHIN 3 DAYS OF ISSUANCE.
7. COPIES OF SPECIAL INSPECTION FIELD LOGS (PERIODIC OR CONTINUOUS), TR-1 FORMS AND SPECIAL INSPECTION SIGN-IN LOGS SHALL BE KEPT ON SITE BY CONTRACTOR AND MADE AVAILABLE TO THE NYCDOB UPON REQUEST.
8. ALL BUILDING DESIGNATED AS "LANDMARKS" LOCATED WITHIN 90 FEET OF THE PROPOSED EXCAVATION AND OVERALL SITE DEVELOPMENT WORK ARE TO BE MONITORED AS PER THE REQUIREMENTS OF TPPN 10/88.
9. OWNER SHALL OBTAIN WRITTEN CONSENT FROM ADJACENT PROPERTY OWNERS FOR ALL WORK THAT EXTENDS BEYOND PROPERTY LINE INTO ADJACENT PROPERTY.
10. CONTRACTOR SHALL OBTAIN NYCDOT PERMITS FOR ANY WORK THAT EXTENDS INTO SIDEWALK AND/OR ROADWAY.
11. CONTRACTOR SHALL COMPLY WITH CHAPTER 33 OF THE NYCBC-2022.

USE AND ACCESS AGREEMENT

1. THE CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE OWNERS OF THE ADJOINING PROPERTY NOT LESS THAN 10 DAYS PRIOR TO THE SCHEDULED STARTING DATE OF THE EXCAVATION IN ACCORDANCE TO NYCB 3304.3.2.
2. NO WORK OR PLACEMENT OF EXCAVATIONS OR SE COMPONENTS ON ADJACENT PROPERTIES IS TO BEGIN UNTIL PROPER USE AND ACCESS AGREMENT IS SIGNED BY OWNER OF DEVELOPED PROPERTY AS WELL AS ADJACENT BUILDING OWNERS TO AUTHORIZE UNDERPINNING OF ADJACENT BUILDINGS AND/OR PLACEMENT OF S.O.E. COMPONENTS OF ADJACENT PROPERTIES. COPY OF AGREEMENT SHALL BE FORWARDED TO DESIGN APPLICANT PRIOR TO START OF SUPPORT OF EXCAVATION/UNDERPINNING WORK.
3. WHERE CONSTRUCTION WILL REQUIRE ACCESS TO ADJOINING PROPERTIES, WRITTEN NOTIFICATION SHALL BE PROVIDED TO THE ADJOINING PROPERTY OWNER AT LEAST 60 CALENDAR DAYS PRIOR TO THE COMMENCEMENT OF WORK. SUCH NOTIFICATION SHALL DESCRIBE THE NATURE OF WORK, ESTIMATED TIMEFRAME AND DURATION, DETAILS OF THE INSPECTIONS OR MONITORING TO BE PERFORMED AT THE ADJOINING PROPERTY, PROTECTION TO BE INSTALLED ON THE ADJOINING PROPERTY, AND CONTACT INFORMATION FOR THE PROJECT. WHERE NO RESPONSE IS RECEIVED, A SECOND WRITTEN NOTIFICATION SHALL BE MADE NO MORE THAN 45 CALENDAR DAYS, AND NOT LESS THAN 30 CALENDAR DAYS, PRIOR TO THE COMMENCEMENT OF WORK.

NYCDOT APPROVAL

PRIOR TO START OF WORK, THE CONTRACTOR SHALL OBTAIN NYCDOT APPROVAL FOR THE EXCAVATION OR INSTALLATION OF S.O.E. COMPONENTS WITHIN NYCDOT R.O.W. COPY OF APPROVAL/PERMIT SHALL BE PROVIDED TO DESIGN APPLICANT ONCE OBTAINED.

FENCES AND GUARDRAILS

1. EVERY SITE WITH AN EXCAVATION SHALL BE ENCLOSED WITH A FENCE THAT MEETS THE REQUIREMENTS OF SECTION 3307.7 OF THE NYCBC-2022.
2. ALL OPEN EDGES OF AN EXCAVATION THAT ARE 6 FEET OR GREATER IN DEPTH SHALL BE PROTECTED BY A GUARDRAIL SYSTEM MEETING THE REQUIREMENTS OF SECTIONS 3308.7.1 THROUGH 3308.7.5 OF THE NYCBC-2022, OR BY A SOLID ENCLOSURE AT LEAST 3 FEET 6 INCHES HIGH.

DRAINAGE NOTES

1. NO CONDITION SHALL BE CREATED AS A RESULT OF CONSTRUCTION OR DEMOLITION OPERATIONS THAT WILL INTERFERE WITH NATURAL DRAINAGE. WATER COURSES, DRAINAGE DITCHES, ETC., SHALL NOT BE OBSTRUCTED BY REFUSE, WASTE BUILDING MATERIALS, EARTH, STONES, TREE STUMPS, BRANCHES, OR OTHER DEBRIS THAT MAY INTERFERE WITH SURFACE DRAINAGE OR CAUSE THE IMPOUNDMENT OF SURFACE WATERS PER BC 3303.14.
2. PROVISION SHALL BE MADE DURING CONSTRUCTION TO PREVENT THE ACCUMULATION OF WATER OR WATER DAMAGE TO ANY FOUNDATIONS ON THE PREMISES OR TO ADJOINING PROPERTY PER BC 3303.14.1
3. ALL EXCAVATIONS SHALL BE DRAINED, AND THE DRAINAGE SHALL BE MAINTAINED AS LONG AS THE EXCAVATION CONTINUES OR REMAINS. WHERE NECESSARY, PUMPING SHALL BE SUED, PROVIDED PROPER PERMITS ARE OBTAINED FROM THE NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION PER BC 3303.14.2.

SURCHARGE LOADS

SOE HAS BEEN DESIGNED UTILIZING A UNIFORM SURCHARGE LOAD OF 250 PSF AT SIDEWALKS AND ROAD AND A UNIFORM SURCHARGE LOAD OF 100 PSF IN LANDSCAPE AREAS UNLESS NOTED ON PLANS.

NEW YORK CITY ENERGY CONSERVATION CODE

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE NEW YORK CITY ENERGY CONSERVATION CODE.

ITEMS UNDER SPECIAL INSPECTION

- EXCAVATION, SHORING, SHEETING.....BC 1704.20.2

SOLDIER PILE & LAGGING NOTES

1. ALL PILES SHALL BE INSTALLED IN THE LOCATION SHOWN ON THESE DRAWINGS. ALL SOE SOLDIER PILE LOCATIONS SHALL BE REFERENCED FROM THE STRUCTURAL PLAN SET. ON-SITE DISCREPANCIES WITH THE SURVEY PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD.
2. LAYOUT OF SOE PILE LOCATIONS BY GC (SURVEYED IN PLACE)
3. STAKE OUT LOCATIONS OF ALL EXISTING UTILITIES AND CONFIRM CLEARANCE FOR INSTALLATION OF PROPOSED SOE PILES
4. ALL SURFACE WATER (STORMWATER, ETC.) SHALL EITHER BE DIRECTED AWAY FROM TOP OF SOLDIER PILE WALL OR OVER TOP OF SOLDIER PILE WALL. WATER SHALL NOT BE ALLOWED TO DRAIN BEHIND LAGGING BOARDS.

SOLDIER PILE INSTALLATION PROCEDURE

1. MOBILIZE TO SITE.
2. SET UP RIG ON PROPER LOCATION AND PLUMB MAST.
2. INSTALL CASING SOLDIER PILES AT LOCATIONS AND DEPTHS SPECIFIED ON THIS PLAN SET. CASING INSTALLATION PROCEDURE SHALL BE CONTRACTOR MEANS AND METHODS AND SHALL BE SUBMITTED FOR APPROVAL PRIOR TO CONSTRUCTION. INSTALLATION PROCEDURE SHALL BE PERFORMED IN A CONTROLLED MANNER ENSURING INTERNAL FLUSH IS MAINTAINED AT ALL TIMES AND NO SOIL LOSS OCCURS OUTSIDE OF CASING.
3. AFTER CASING FOR SOLDIER PILE IS DRILLED AND CLEANED, PLACE 3/4-INCH DIAMETER PVC GROUT TUBE TO WITHIN 2-FEET OF BOTTOM OF CASING. AND GROUT THE PILE FROM THE BOTTOM TO DISPLACE THE DRILLING FLUID. CONTINUE GROUTING UNTIL GOOD GROUT FLOWS OUT THE TOP OF THE PILE. INSERT CORE BEAM IF SPECIFIED ON PLANS. IF SOLDIER PILE IS OBSERVED TO BE DRY, GROUT POUR FROM TOP OF PILE IS PERMITTED.
4. CONSTRUCT SOLDIER PILE WALLS FROM THE TOP DOWN BY REMOVING MATERIAL IN FRONT OF WALLS AND IN BETWEEN PILES AS NEEDED AND INSTALLING LAGGING BOARDS BETWEEN THEM AS EXCAVATION PROGRESSES.
5. EXCAVATION BEYOND THE PROPOSED REAR OF LAGGING SHALL BE DONE TO THE MINIMUM QUANTITY REQUIRED FOR THE INSTALLATION OF THE LAGGING. BACKFILL VOIDS BEHIND LAGGING WITH GRANULAR MATERIAL OR COMPACTED EXCAVATED MATERIAL TO THE SATISFACTION OF THE ENGINEER.
6. DEPTH OF EXCAVATION BELOW PREVIOUSLY INSTALLED LAGGING BOARDS SHALL NOT EXCEED 18-INCHES. MAINTAIN TIGHT CONTACT BETWEEN SOIL AND LAGGING BOARDS. IF MATERIAL IS CAVING INTO EXCAVATION, DECREASE THE UNBRACED EXCAVATION DEPTH AND/OR GROUT THE MATERIAL TO MINIMIZE LOSS.
7. IF MATERIAL BEHIND LAGGING HAS BEEN LOST OR DISTURBED, LEAVE A 1 TO 1-1/2 INCH SPACE BETWEEN LAGGING BOARDS TO IMMEDIATELY BACKFILL OR GROUT.
8. BACKFILL SHALL BE PLACED AND COMPACTED AS REQUIRED, OR AS DIRECTED BY THE INSPECTING GEOTECHNICAL ENGINEER.
9. EXCAVATE THE SITE TO THE PROPOSED BOTTOM OF EXCAVATION.

SOE MATERIALS

1. ALL STRUCTURAL STEEL SHALL BE ASTM A-572 OR ASTM A-992 GRADE 50, UNLESS NOTED.
2. DRILLED MICROPILE CASING SOLDIER PILES SHALL BE Fy = 80 KSI AND FILLED WITH 2,000 PSI GROUT (MIN.). SAMPLING & TESTING OF CASING SOLDIER PILE GROUT NOT REQUIRED.
3. TIMBER LAGGING - AITC FB = 850 PSI (MIN.), FY = 95 PSI (MIN.)
4. ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS USING E-70 ELECTRODES AND SHALL CONFORM TO THE REQUIREMENTS OF AWS D1.1
5. DRYPACK SHALL BE NON-SHRINK WITH A MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI. DRYPACK SHALL CONSIST OF EQUAL PARTS OF 1 PART PORTLAND CEMENT AND 2 PARTS SAND WITH ENOUGH WATER FOR HYDRATION.

REQUIRED INSPECTIONS

A QUALITY ENGINEERING INSPECTION AGENCY SHALL HAVE RESPONSIBILITIES AS SET FORTH IN CHAPTER 17 OF THE NEW JERSEY BUILDING CODE AND ELSEWHERE IN THE CODES WHERE SPECIAL INSPECTIONS ARE REQUIRED. THE RESPONSIBILITIES OF THE SPECIAL INSPECTOR OR SPECIAL INSPECTION AGENCY AT A SPECIAL INSPECTION SHALL INCLUDE THOSE TASKS AND STANDARDS SET FORTH IN CHAPTER 17 OF THE CODE, THE REFERENCE STANDARDS AND ELSEWHERE IN THE CODE, THIS RULE OR ANY RULE OF ANY AGENCY IN CONNECTION WITH THE WORK THAT IS THE SUBJECT OF SUCH SPECIAL INSPECTION.

REQUIRED CONTRACTOR SUBMITTALS

1. SOE MATERIAL CUT SHEETS
2. MICROPILE SOLDIER PILE & LAGGING INSTALLATION PROCEDURE
3. SOE LAYOUT SHOP DRAWING / ID PLAN

VICINITY MAP
N.T.S.

THE STATE OF NEW YORK REQUIRES NOTIFICATION BY EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE STATE.

PREPARED BY:
JZN ENGINEERING
959 S. SPRINGFIELD AVENUE, SUITE 100
SPRINGFIELD P: (973) 218-6561
NEW JERSEY 07081

NO.	DATE	BY	DESCRIPTION	APPROVED
6.	03/12/26	GR	PER LATEST PROJECT DOCS.	NEJ
5.	10/06/25	GR	ALT. LAGGING DETAIL	NEJ
4.	9/18/25	GR	ADD. SOLDIER PILES	NEJ
3.	6/16/25	GR	PER REVIEW COMMENTS	NEJ
2.	6/2/25	GR	PER TEAM COMMENTS	NEJ
1.	5/23/25	GR	PER TEAM COMMENTS	NEJ

REVISIONS

PROJECT NAME:

35-37 OTSEGO STREET
BLOCK: 579; LOT: 1
BOROUGH OF BROOKLYN
CITY & STATE OF NEW YORK

DRAWING TITLE:

NOTES

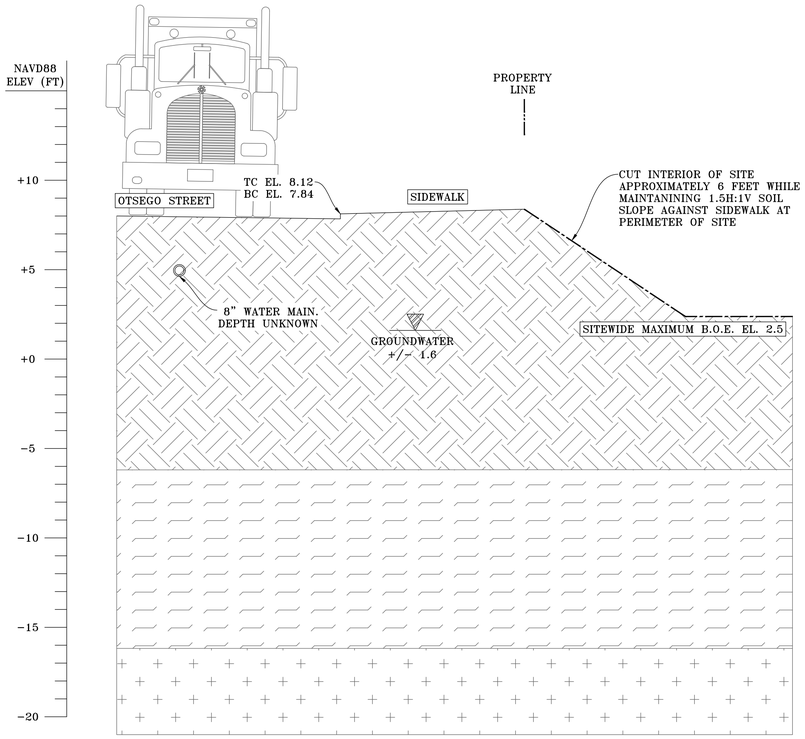
SEAL & SIGNATURE

STATE OF NEW YORK
NEJM EDDIN JUNDI
083095
LICENSED PROFESSIONAL ENGINEER

3/12/26
NEJM E. JUNDI DATE
NEW YORK STATE PROFESSIONAL ENGINEER #083095

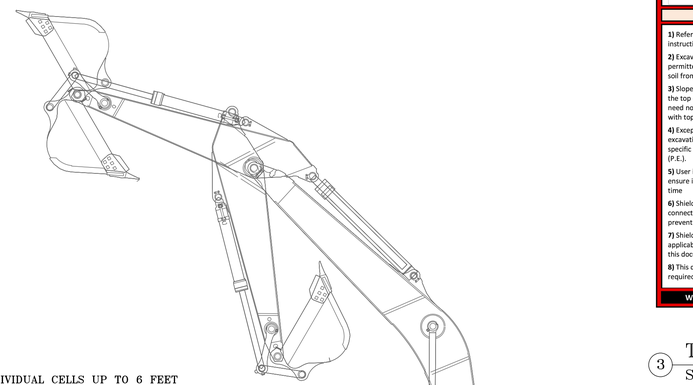
ALTERATION OR ADDITION TO THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL ENGINEER IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.

DATE:	05/21/25
SCALE:	N.A.
PROJECT No:	23030-000
DOB NOW:	B01243772-I7
DRAWING BY:	GR
CHK BY:	NEJ
APPROVED BY:	NEJ
DWG No:	SOE-002.01
CAD FILE No:	23030000
PAGE No:	2 of 4



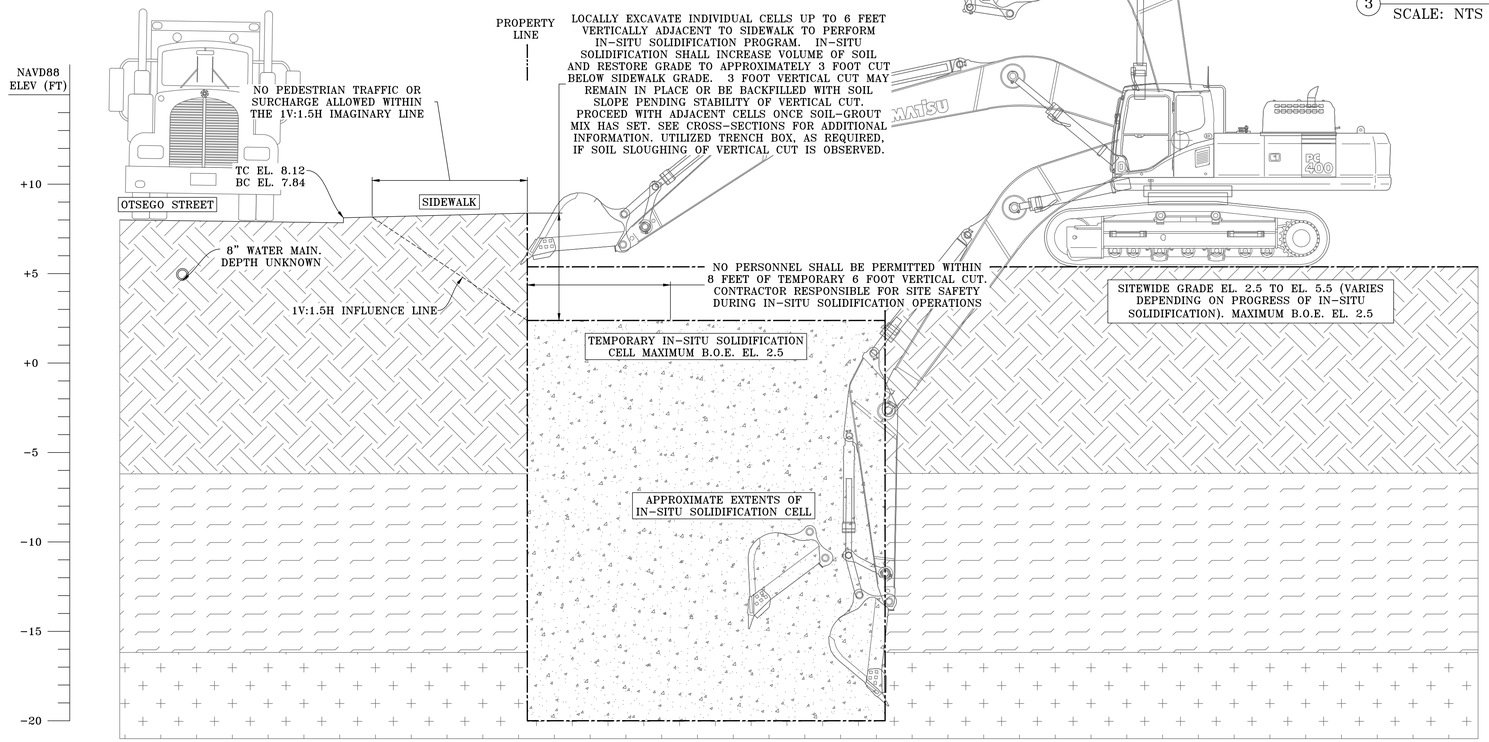
1 CROSS−SECTION A − GENERAL SITE WIDE EXCAVATION (TYP)

SCALE: 1":4'



3 TRENCH BOX DETAIL (IF REQUIRED)

SCALE: NTS



2 CROSS−SECTION A − LOCAL IN−SITU SOLIDIFICATION CELL EXCAVATION (TYP)

SCALE: 1":4'

Icon Equipment Distributors, Inc.
300 Ryders Lane - E. Brunswick, NJ
800-836-5011

TRENCH SHIELD TABULATED DATA

NAXSA — APPROVED CONTENT & FORMAT

Model Number	TB4-0820-DW	**Spreader Size**	8" Sch. 80	**Pressure Rating**	1000 psf
Serial Numbers	All**	**Spreader Yield Strength**	50 ksi	**Weight**	10500 lb.
Height	8'	**Max Spreader Length**	20'	**Vert. Pipe Clear**	60"
Length	20'	**Spreader Pin Diameter**	2"	**Horiz. Pipe Clear**	18'
Wall Thickness	4"	**Pin Yield Strength**	50 ksi		

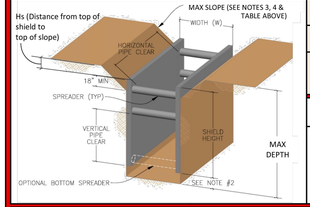
SOIL TYPE	Max Depth	Hs	Max Slope
A-25	40'	10.5'	3/4(Horiz.) : 1(Vert.)
B-45	24'	8.5'	1(Horiz.) : 1(Vert.)
C-60	19'	6.5'	1.5(Horiz.) : 1(Vert.)
C-80	15'	0'	Flat

Sloping & Shoring

1) "Max Depth" shall not exceed limits outlined in table for corresponding soil types.

2) If "Max Depth" is 20' or less, slope and shore per OSHA guidelines.

3) If "Max Depth" exceeds 20', slope angle shall not exceed "Max Slope", and distance from top of shield to top of slope shall not exceed "Hs", as outlined in table for corresponding soil types.



33% Shoring Use Factor Included in Max Depth Ratings	Yes
Surcharge Pressure Included in Max Depth Ratings*	72

***All equipment and materials shall be kept a sufficient distance clear of the shoring, as directed by a licensed Professional Engineer, to ensure this surcharge limit is not exceeded.**

Soil shall be classified by a Competent Person as type A, B or C, as defined by OSHA regulations, except as noted below:

1) A type C-60 soil is defined as a clay or moist granular soil that is not flowing or submerged. This soil can be cut vertically and will stand long enough to safely install protective system.

2) If the soil is submerged or has freely seeping water, it shall be classified as a C-80 soil.

3) Shielding shall never be used in soft clays, organic peat or other flowing materials.

NOTES & LIMITATIONS:

1) Refer to page 2 for manufacturer's assembly instructions.

2) Excavation 2' below bottom of shield is only permitted when there is no indication of possible loss of soil from behind or below the bottom of the shield.

3) Sloped soils must extend to no less than 18" below the top of the shield, as shown in diagram above. Shield need not extend above soil when soils are flat and level with top of shield.

4) Except as approved in table above (Hs), any excavations over 20'-deep with sloping require site specific approval by a Licensed Professional Engineer (P.E.).

5) User is responsible for safe support of shield to ensure it cannot shift vertically or horizontally at any time

6) Shield may be stacked, provided that appropriate connections are made between the stacked shields to prevent lateral movement.

7) Shield must be used in strict compliance with all applicable OSHA guidelines and limitations outlined in this document

8) This document has been prepared by a P.E., as required by OSHA 29 CRF, Part 1926, Subpart P.

9) Shield shall be used under the supervision and direction of a Competent Person as defined by CRF, Part 1926, Subpart P. Among other qualifications, the Competent Person shall be trained in the use of trench shields and have practical field experience with the use of shields, soil classification, and recognizing hazardous conditions.

10) All spreaders shall be secured to sockets with pins or other mechanical connections approved by the manufacturer, prior to shield use. Do not apply side load or vertical load to the spreaders at any time (such as leaning plates/sheeting for soil support), unless approved in writing by a P.E. or the Manufacturer.

11) Shield shall be installed in a manner to restrict lateral or other hazardous movement of the shield in the event of the application of sudden lateral loads.

12) Shield shall be inspected prior to each use, to ensure they are in good condition and free of any damage or visual defects.

13) Any repairs or modifications to the shield, such as extending height or length with plates, are strictly prohibited, unless approved in writing by a P.E.

14) Pressure rating of shield is a uniform rectangular pressure over full height of shield.

Jasper Calcara

Digitally signed by JASPER B. CALCARA
Date: 2023.05.17 10:05:57 -04'00'

STATE OF NEW YORK — JASPER B. CALCARA — 084376 — LICENSED PROFESSIONAL ENGINEER

Expires 12/31/28

Warning: It is a violation of Article 145, Section 7209.2 of the New York State Education Law for any person to alter any item on this document unless acting under the direct supervision of a Professional Engineer. If any items are altered, the alterations shall be clearly marked and subsequently sealed by the licensed professional making the alterations.

****This PE stamp covers all serial numbers of this model of trench shield**

The information contained herein has been compiled and authored exclusively by the manufacturer named herein. NAXSA disclaims all liability of any kind and nature for the accuracy and completeness of this information, or any use or reliance thereon, and disclaims all warranties, express or implied.

Rev 0, NAXSA 2018 | Page 1 of 2

WARNING - USE OF SHIELDING OTHER THAN OUTLINED IN THIS DOCUMENT COULD CAUSE FAILURE, COLLAPSE, OR CAVE-INS, AND MAY RESULT IN SERIOUS INJURY OR DEATH

	EXISTING FILL MATERIALS (NYC CLASS 7)
	MARSH DEPOSITS (NYC CLASS 6)
	ALLUVIAL DEPOSITS (NYC CLASS 3B, 3A)
B.O.E.	BOTTOM OF EXCAVATION

THE STATE OF NEW YORK REQUIRES NOTIFICATION BY EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE STATE.

PREPARED BY:

JZN ENGINEERING

959 S. SPRINGFIELD AVENUE, SUITE 100
SPRINGFIELD P: (973) 218-6561
NEW JERSEY 07081

NO.	DATE	BY	DESCRIPTION	APPROVED
6.	03/12/26	GR	PER LATEST PROJECT DOCS.	NEJ
5.	10/06/25	GR	ALT. LAGGING DETAIL	NEJ
4.	9/18/25	GR	ADD. SOLDIER PILES	NEJ
3.	6/16/25	GR	PER REVIEW COMMENTS	NEJ
2.	6/2/25	GR	PER TEAM COMMENTS	NEJ
1.	5/23/25	GR	PER TEAM COMMENTS	NEJ

REVISIONS

PROJECT NAME:

35-37 OTSEGO STREET
BLOCK: 579; LOT: 1
BOROUGH OF BROOKLYN
CITY & STATE OF NEW YORK

DRAWING TITLE:

ISS CROSS-SECTIONS

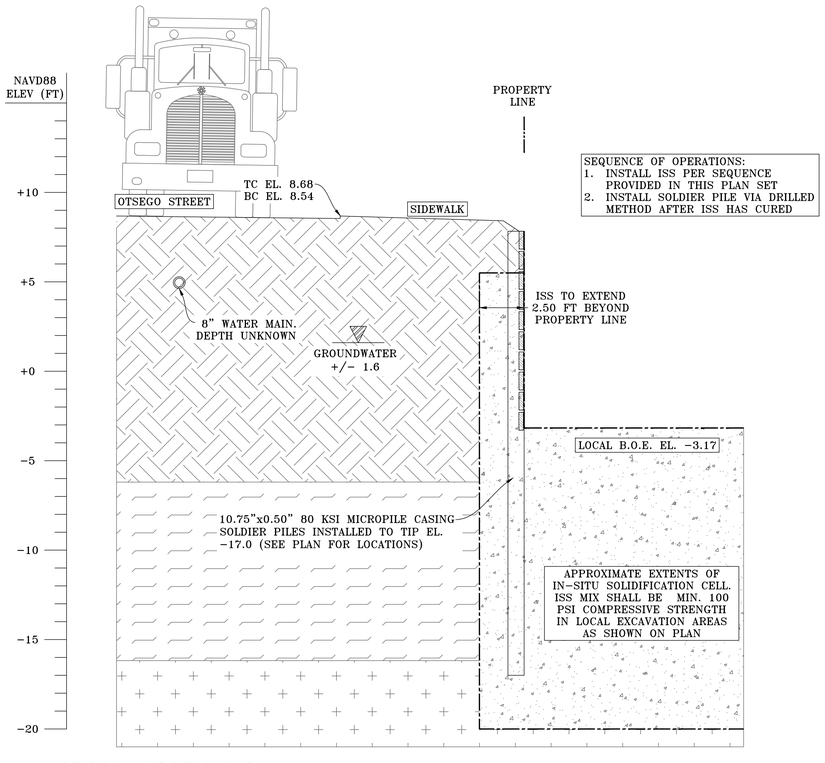
SEAL & SIGNATURE

STATE OF NEW YORK — NEJM EDDIN JUNDI — 083095 — LICENSED PROFESSIONAL ENGINEER

3/12/26
NEJM E. JUNDI DATE
NEW YORK STATE PROFESSIONAL ENGINEER #083095

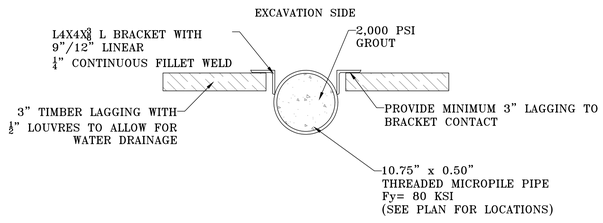
ALTERATION OR ADDITION TO THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL ENGINEER IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.

DATE:	05/21/25
SCALE:	1":4'
PROJECT No:	23030-000
DOB NOW:	B01243772-I7
DRAWING BY:	GR
CHK BY:	NEJ
APPROVED BY:	NEJ
DWG No:	SOE-003.00
CAD FILE No:	23030000
PAGE No:	3 of 4



1 CROSS-SECTION B

SCALE: 1":4'



2 SOLDIER PILE & LAGGING DETAIL

SCALE: NTS

VICINITY MAP
N.T.S.

	EXISTING FILL MATERIALS (NYC CLASS 7)
	MARSH DEPOSITS (NYC CLASS 6)
	ALLUVIAL DEPOSITS (NYC CLASS 3B, 3A)
B.O.E.	BOTTOM OF EXCAVATION

THE STATE OF NEW YORK REQUIRES NOTIFICATION BY EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE STATE.

PREPARED BY:
JZN ENGINEERING
959 S. SPRINGFIELD AVENUE, SUITE 100
SPRINGFIELD P: (973) 218-6561
NEW JERSEY 07081

NO.	DATE	BY	DESCRIPTION	APPROVED
6.	03/12/26	GR	PER LATEST PROJECT DOCS.	NEJ
5.	10/06/25	GR	ALT. LAGGING DETAIL	NEJ
4.	9/18/25	GR	ADD. SOLDIER PILES	NEJ
3.	6/16/25	GR	PER REVIEW COMMENTS	NEJ
2.	6/2/25	GR	PER TEAM COMMENTS	NEJ
1.	5/23/25	GR	PER TEAM COMMENTS	NEJ

REVISIONS

PROJECT NAME:

35-37 OTSEGO STREET
BLOCK: 579; LOT: 1
BOROUGH OF BROOKLYN
CITY & STATE OF NEW YORK

DRAWING TITLE:

ADD. EXCAVATION
CROSS-SECTION & DETAILS

SEAL & SIGNATURE

STATE OF NEW YORK · NEJM EDDIN JUNDI · 083095 · PROFESSIONAL ENGINEER

3/12/26
DATE

NEJM E. JUNDI
NEW YORK STATE PROFESSIONAL ENGINEER #083095

ALTERATION OR ADDITION TO THIS DOCUMENT EXCEPT BY A LICENSED PROFESSIONAL ENGINEER IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW

DATE:	05/21/25
SCALE:	1":4'
PROJECT No:	23030-000
DOB NOW:	B01243772-I7
DRAWING BY:	GR
CHK BY:	NEJ
APPROVED BY:	NEJ
DWG No:	SOE-004.00
CAD FILE No:	23030000
PAGE No:	4 of 4

APPENDIX 4
Soil Boring Logs

TENEN ENVIRONMENTAL

		Boring No.	**SB-1**
		Sheet	**1 of 1**
Site:	**37 Otsego Street**	**Drilling Method:**	Geoprobe
Date:	**12/23/25**	**Soil Sampling Method:**	5' Macro-core
Weather:	**Rain**	**DTW:**	
Observer:	**Honpong Lau**	**Driller :**	Cascade Env Drilling

Depth (feet)	PID Reading (ppm)	Groundwater Well	Soil Recovery	Composite Soil	Discrete Soil Sam	Soil Description
1	0.1		33"			Fill material, medium to fine gray sand, ash, cinder, wood chips, glass pieces
2	0.0					
3	0.5					
4	0.6					
5	0.1					
6	5.9		25"			Fill material, medium to fine gray sand, ash, cinder, wood chips, glass pieces, trace amount of gravel, wet
7	11.2					
8	10.5					
9	45.3					
10	49.5					
11	7.9		40"			10-12 - SAA 12-15 - Gray silt with fine sand, petroleum odor present. Sample collected to represent silty interval with highest suspected contamination.
12	8.5					
13	11.5					
14	17.2				SB-1 (13-14')	
15	8.2					
16	57.4		32"			Gray clay with some fine sand and silt, free petroleum product in the soil core
17	89.6					
18	147.5					
19	59.7					
20	42.5					
21			0"			No recovery
22						
23						
24						
25						

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TENEN ENVIRONMENTAL

		Boring No.	**SB-2**
		Sheet	**1 of 1**
Site:	**37 Otsego Street**	**Drilling Method:**	Geoprobe
Date:	**12/23/25**	**Soil Sampling Method:**	5' Macro-core
Weather:	**Rain**	**DTW:**	
Observer:	**Honpong Lau**	**Driller :**	Cascade Env Drilling

Depth (feet)	PID Reading (ppm)	Groundwater Well	Soil Recovery	Composite Soil	Discrete Soil Sample	Soil Description
1	0.7		10"			Fill material, medium to fine sand, coal ash, cinder, wood chip, glass pieces
2	2.7					
3	3.5					
4	3.4					
5	3.1					
6	7.4		12"			Fill material, medium to fine sand, coal ash, cinder, wood chip, glass pieces, wet @ 6ft
7	15.2					
8	20.1					
9	25.4					
10	51.5					
11	23.5		12"			Gray clay with fine sand, free product in the soil core, strong petroleum odor
12	20.1					
13	23.5					
14	40.7					
15	80.4					
16	62.3		24"			15-17 - Gray fine sand with silt, strong petroleum odor, free product in the soil core 17-20 - Gray clay with organic matter (meadow mat)
17	81.9					
18	89.2					
19	66.7					
20	65.4					
21	101.5		6"			Gray clay with some shells, strong petroleum odor
22	101.5					
23	101.5					
24	101.5					
25	101.5					
26	109.1		42"			25-27 - Gray fine sand, mild petroleum odor. Sample collected to represent highest suspected contamination based on PID readings. 27-29 - Gray clay 29-30 - Gray medium to fine sand
27	108.5				SB-2 (26-27)	
28	91.5					
29	89.5					
30	88.7					

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TENEN ENVIRONMENTAL

		Boring No.	**SB-3**
		Sheet	**1 of 1**
Site:	**37 Otsego Street**	**Drilling Method:**	Geoprobe
Date:	**12/23/25**	**Soil Sampling Method:**	5' Macro-core
Weather:	**Rain**	**DTW:**	
Observer:	**Honpong Lau**	**Driller :**	Cascade Env Drilling

Depth (feet)	PID Reading (ppm)	Groundwater Well	Soil Recovery		Discrete Soil Sample	Soil Description
1	3.6		13"			Fill material, medium to fine sand, brick fragments, asphalt, coal ash, cinder
2	5.7					
3	5.4					
4	4.5					
5	5.3					
6	17.2		15"			Fill material, medium to fine sand, brick fragments, asphalt, coal ash, cinder, trace amount of gravel, wet @ 6.5 -7 ft
7	22.3					
8	25.4					
9	24.6					
10	26.9					
11	55.7		15"			10-12 - Fill material, gray medium to fine sand, coal ash, cinder 12-14 - Gray fine sand with silt 14-15 - Gray clay
12	65.2					
13	105.4					
14	104.8					
15	101.4					
16	89.7		19"			Gray fine sand, petroleum odor
17	75.6					
18	92.4					
19	86.6					
20	86.7					
21	120.4		36"			Gray fine sand with clay, strong petroleum odor, free product present in the soil core
22	112.5					
23	101.4					
24	96.3					
25	94.3					
26	120.4		32"			25-26 - Gray clay 26-28 - Gray fine sand. Sample collected to represent deep sand interval with highest suspected PID reading. 28-30 - Gray medium to fine sand
27	121.7					
28	122.9				SB-3 (27-28')	
29	110.5					
30	86.5					

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TENEN ENVIRONMENTAL

		Boring No.	**SB-4**
		Sheet	**1 of 1**
Site:	**37 Otsego Street**	**Drilling Method:**	Geoprobe
Date:	**12/23/25**	**Soil Sampling Method:**	5' Macro-core
Weather:	**Rain**	**DTW:**	
Observer:	**Honpong Lau**	**Driller :**	Cascade Env Drilling

Depth (feet)	PID Reading (ppm)	Groundwater Well	Soil Recovery		Discrete Soil Sample	Soil Description
1	3.4		10"			Fill material, medium to fine sand, brick fragments, asphalt, trace gravel, coal ash, cinder
2	2.3					
3	5.7					
4	4.5					
5	5.4					
6	15.7		15"			Fill material, medium to fine sand, brick fragments, asphalt, trace gravel, coal ash, cinder, wet @ 6 ft
7	26.3					
8	20.7					
9	29.7					
10	38.4					
11	47.9		18"			Gray clay with some fine sand
12	49.5					
13	50.6					
14	57.4					
15	66.7					
16	88.4		22"			15-19 - Gray clay 19-20 - Gray fine sand with strong petroleum odor
17	85.6					
18	70.9					
19	75.6					
20	80.8					
21	93.7		35"			Gray fine sand with silt, strong petroleum odor. Sample collected to represent sand interval with highest suspected contamination.
22	90.2					
23	86.7					
24	89.4				SB-3 (23-24')	
25	90.3					
26	90.4		40"			25-27 - Gray clay 27-28 - Gray silt, with some fine sand 28-30 - Gray medium to fine sand, dense
27	91.3					
28	88.6					
29	72.6					
30	54.3					

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

TENEN ENVIRONMENTAL

		Boring No.	**SB-5**
		Sheet	**1 of 1**
Site:	**37 Otsego Street**	**Drilling Method:**	Geoprobe
Date:	**12/23/25**	**Soil Sampling Method:**	5' Macro-core
Weather:	**Rain**	**DTW:**	
Observer:	**Honpong Lau**	**Driller :**	Cascade Env Drilling

Depth (feet)	PID Reading (ppm)	Groundwater Well	Soil Recovery		Discrete Soil Sample	Soil Description
1	5.0		12"			Fill material, medium to fine sand, brick fragments, asphalt, coal ash, cinder, trace amount of gravel and concrete
2	5.2					
3	4.9					
4	5.1					
5	5.1					
6	8.0		18"			Fill material, medium to fine sand, brick fragments, asphalt, coal ash, cinder, trace amount of gravel and concrete, wet @ 6 ft
7	34.5					
8	32.5					
9	55.2					
10	80.1					
11	23.5		12"			Gray Clay, Strong petroleum odor
12	36.8					
13	16.5					
14	29.3					
15	17.8					
16	11.7		15"			Gray fine sand with some silt, strong petroleum odor
17	16.7					
18	10.9					
19	8.5					
20	9.2					
21	14.5		45"			Gray fine sand, with clay, petroleum odor
22	19.6					
23	11.7					
24	14.2					
25	15.3					
26	18.8		33"			25-28 - Gray fine sand. Sample collected based on highest suspected contamination. 28-29 - Gray clay 29-30 - Gray medium to fine sand
27	20.4				SB-5 (26-27)	
28	34.7					
29	31.2					
30	19.6					

Notes:

Legend:

DTW - Depth to Water
EOB - End of Boring
ft-bg - Feet Below Grade
SM - Silty Sand
SW - Well-graded Sand
GW - Groundwater
PID - Photoionization Detector
SAA - Same as Above
NR - Not Recorded
SP - Poorly Graded Sand
GP - Poorly Graded Gravel

APPENDIX 5
Excavator Specification

470 P

Excavator

JOHN DEERE

MEET YOUR NEXT EXCAVATOR.

Wondering what's in store for your operation? With its smooth, one-of-a-kind efficiency, the 470 P-Tier Excavator can be just what you've had in mind. Customer-inspired standards include a fuel-shutoff valve for clean filter changes, a control pattern-change valve that eases operation, and a camera array with LED-surround lighting to see your jobsites like never before. Factory-installed options such as hydraulic single-pedal propel system, a heated/cooled leather seat, and flexible grade-management solutions — including fully integrated SmartGrade™ — are designed to further exceed your expectations.

Seeing is believing
Standard camera array with LED-surround lighting integrated into the main monitor work together to supplement 270-degree visibility of the area around the machine.

Control pattern
Designed to accommodate multiple operators with the simple flip of a lever, control pattern-change valve is standard instead of a field-kit option.

Fuel shutoff
Standard fuel-shutoff valve improves cleanliness when replacing fuel filters compared to previous models.

Keep it clean
Standard hydraulic reversing fan keeps coolers clean in high-debris environments. Optional debris package includes factory-installed engine-air precleaner, a must-have in harsh working conditions.

Move forward
Optional hydraulic single-pedal propel system enables simplified straight-line machine tracking without the need to engage both foot pedals or both hand levers.

OPTIONAL HYDRAULIC
SINGLE-PEDAL
PROPEL SYSTEM SIMPLIFIES MACHINE TRACKING

It's smart to get good grades
John Deere offers an economical way to adopt grade-management technology. Whether you're new to the game or want our most cutting-edge tech, there's a solution that will fit your needs. Choose 2D or 3D Excavator Grade Guidance or opt for fully integrated SmartGrade for 3D control including overdig protection and in-cab real-time distance to target. All grade-management solutions are factory ready and backed by your Deere dealer, including service, warranty, and financing.

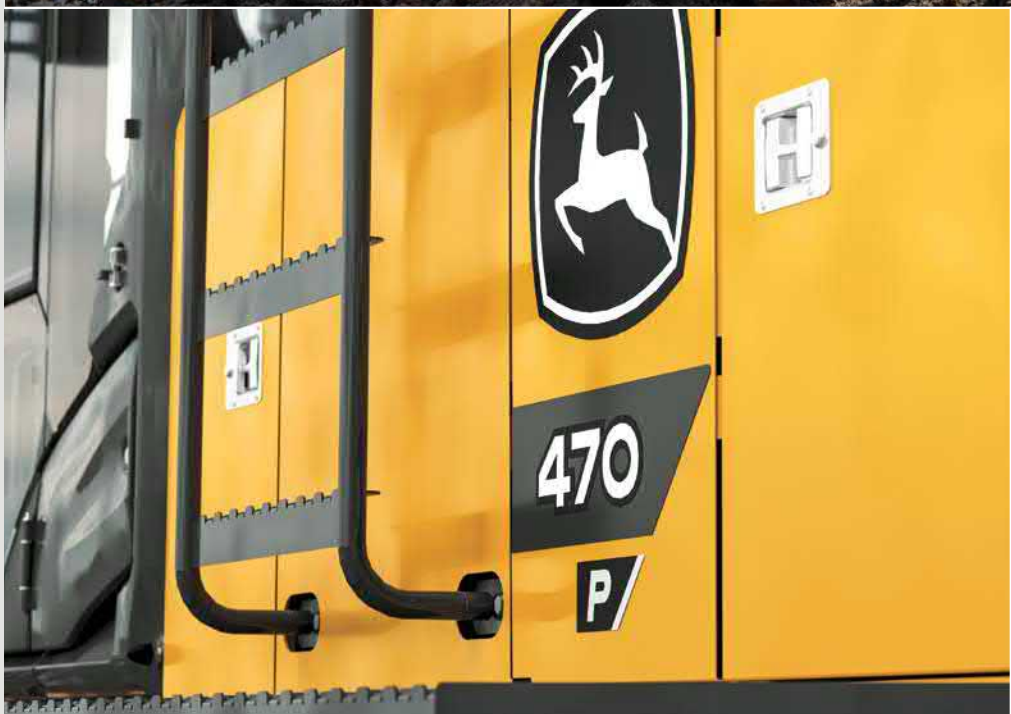
Deere grade-control solutions help reduce labor, improve accuracy, enhance speed, and save on material compared to excavators without grade-management technology. And they help operators of all experience levels to achieve excellent results.

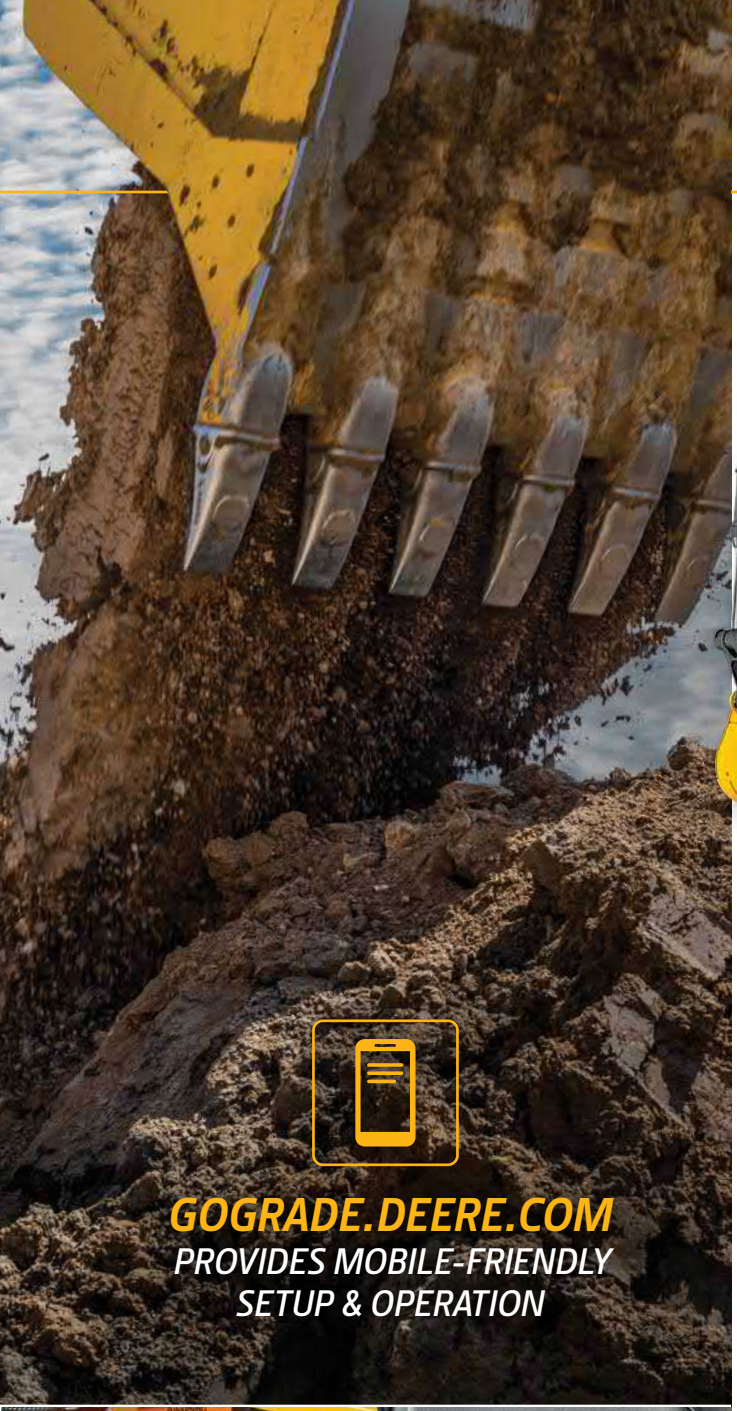
Grade Guidance
Grade Guidance arms operators with elevation and position of bucket cutting edge relative to target plane (2D) or design surface (3D). This economical offering is perfect for precision excavation projects, including digging trenches for pipes, shaping ditches or slopes, or excavating structure foundations. And since it doesn't require GPS access, it's a reliable system for areas where GPS reception is poor.

Take control
Ergonomically correct short-throw pilot levers provide smooth, predictable fingertip control with less movement or effort. Grade-control functions are integrated into the factory pilot levers for easy operation.

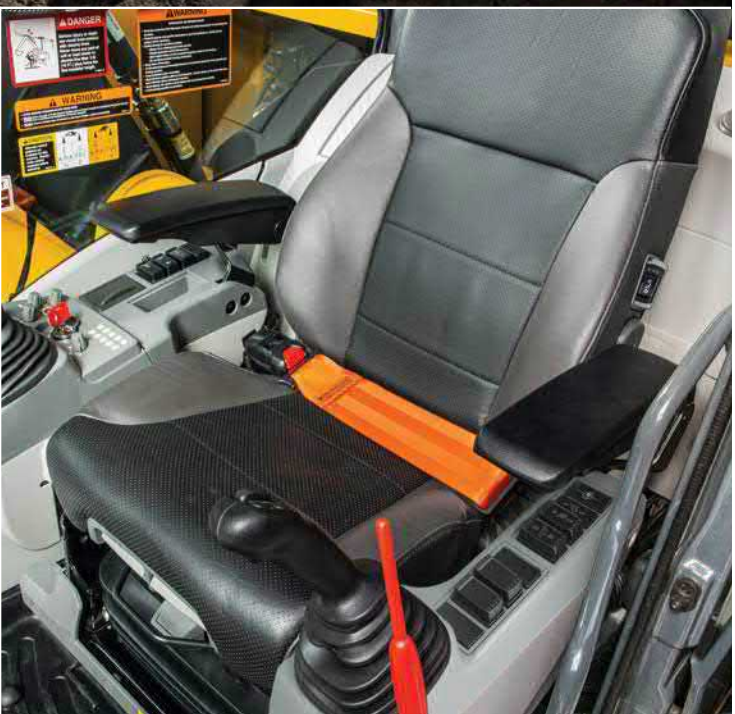
Go with the flow
Push buttons in the right lever enable fingertip control of auxiliary hydraulic flow* for operating attachments.

*Grade management not available with auxiliary hydraulics.





GOGRADE.DEERE.COM
PROVIDES MOBILE-FRIENDLY SETUP & OPERATION



Precision Construction

This suite of construction technology delivers **Productivity Solutions** to help you get more done, more efficiently. In-base JDLink™ connectivity provides machine location, utilization data, and alerts to help you maximize productivity and efficiency. To maximize uptime and lower costs, JDLink also enables **John Deere Connected Support™.** Dealers use Expert Alerts based on data from thousands of connected machines to proactively address conditions that may otherwise likely lead to downtime. Your dealer can also monitor machine health and leverage remote diagnostics and programming capability to further diagnose problems and even update machine software without a time-consuming trip to the jobsite.*

Pivotal development

Bucket-to-arm pivot joint features a new heat-treated pin and flanged bushing made of forged steel, to double joint life in sandy digging conditions. High-strength floating-pin design extends pin-case hardening depth by 175 percent, boosting wear life and easing serviceability.

Stress management

Thick-plate single-sheet mainframe, box-section track frames, and double-seal swing bearing deliver rock-solid durability. Three welded bulkheads within the boom resist torsional stress.

*Availability varies by region. Options not available in every country.

470 P-TIER EXCAVATOR SPECIFICATIONS

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Engine	**470 P-TIER**		
Manufacturer and Model	John Deere PowerTech™ PSS 6135		
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV		
Net Rated Power (ISO 9249)	274 kW (367 hp) at 2,000 rpm		
Cylinders	6		
Displacement	13.5 L (824 cu. in.)		
Off-Level Capacity	70% (35 deg.)		
Aspiration	Turbocharged, air-to-air charge-air cooler		
Cooling			
Cool-on-demand, hydraulic-driven, suction-type fan with remote-mounted drive			
Powertrain			
2-speed propel with AutoShift			
Maximum Travel Speed			
Low	3.9 km/h (2.4 mph)		
High	5.5 km/h (3.4 mph)		
Drawbar Pull	33 537 kg (73,937 lb.)		
Hydraulics			
Open center, load sensing			
Main Pumps	2 variable-displacement pumps		
Maximum Rated Flow	400 L/m (106 gpm) x 2		
Pilot Pump	1 gear		
Maximum Rated Flow	34 L/m (8.9 gpm)		
Pressure Setting	3900 kPa (566 psi)		
System Operating Pressure			
Circuits			
Implement	31 900 kPa (4,627 psi)		
Travel	35 300 kPa (5,120 psi)		
Swing	28 400 kPa (4,119 psi)		
Power Boost	35 300 kPa (5,120 psi)		
Controls	Pilot levers, short stroke, low-effort hydraulic pilot controls with shutoff lever		
Cylinders			
Heat-treated, chrome-plated, polished cylinder rods; hardened steel (replaceable bushings) pivot pins			
	Bore	*Rod Diameter*	*Stroke*
Boom (2)	170 mm (6.7 in.)	115 mm (4.5 in.)	1590 mm (62.6 in.)
Arm (1)	190 mm (7.5 in.)	130 mm (5.1 in.)	1940 mm (76.4 in.)
Bucket (1)	170 mm (6.7 in.)	120 mm (4.7 in.)	1325 mm (52.2 in.)
Electrical			
Number of Batteries (12 volt)	2		
Battery Capacity	1,400 CCA		
Alternator Rating	100 amp		
Work Lights	9 LED: 1 mounted on frame, 2 mounted on boom, 2 mounted on top of cab, 1 rear-facing top of cab, 1 mounted on counterweight, 1 mounted on left-side handrail, and 1 mounted on right-side handrail		
Undercarriage			
Planetary final drives with axial-piston motors			
Rollers (each side)			
Carrier	3		
Track	9		
Shoes, Triple Semi-Grousers (each side)	53		
Track			
Adjustment	Hydraulic		
Guides	Front and center		
Chain	Sealed and lubricated		

470 P-TIER EXCAVATOR SPECIFICATIONS

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Ground Pressure	470 P-TIER
900-mm (36 in.) Triple Semi-Grouser Shoes	61.3 kPa (8.9 psi)

Swing Mechanism	
Speed	9.5 rpm
Torque	148 000 Nm (109,159 lb.-ft.)

Serviceability

Refill Capacities	
Fuel Tank	675 L (178 gal.)
Cooling System	62.3 L (16.5 gal.)
Engine Oil With Filter	44 L (12 gal.)
Hydraulic Tank	310 L (82 gal.)
Hydraulic System	510 L (135 gal.)

Refill Capacities *(continued)*	
Gearbox	
Swing (each)	6.5 L (1.7 gal.)
Travel (each)	11 L (2.9 gal.)
Diesel Exhaust Fluid (DEF) Tank	71 L (18.8 gal.)

Operating Weights

With Full Fuel Tank; 79-kg (175 lb.) Operator; 2.34-m^3 (3.06 cu. yd.), 1370-mm (54 in.), 2031-kg (4,478 lb.) Bucket; 3.9-m (12 ft. 10 in.) Arm; 8400-kg (18,519 lb.) Counterweight With Removal Device; and 900-mm (36 in.) Triple Semi-Grouser Shoes

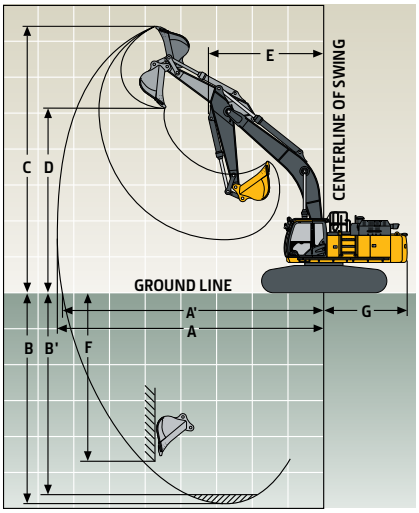
Operating Weight	51 218 kg (112,916 lb.)

Component Weights	
Undercarriage With 900-mm (36 in.) Triple Semi-Grouser Shoes	18 978 kg (41,839 lb.)
7.0-m (23 ft. 0 in.) 1-Piece Boom (with arm cylinder)	4499 kg (9,919 lb.)
Arm With Bucket Cylinder and Linkage	
3.4 m (11 ft. 2 in.)	2539 kg (5,598 lb.)

Component Weights *(continued)*	
Arm With Bucket Cylinder and Linkage *(continued)*	
3.9 m (12 ft. 10 in.)	2640 kg (5,820 lb.)
Boom-Lift Cylinders (2), Total Weight	840 kg (1,853 lb.)

Operating Dimensions

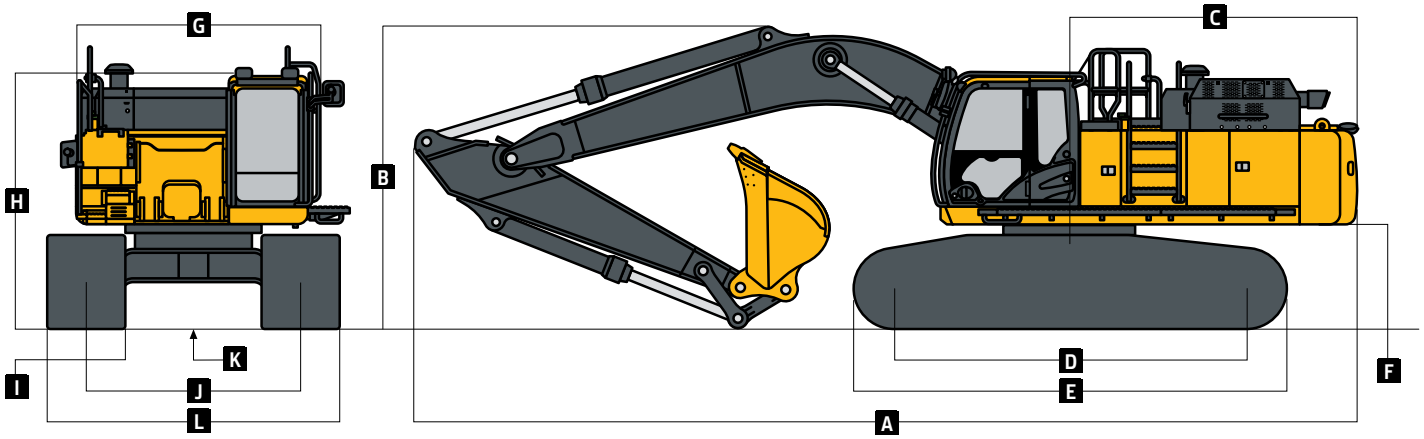
	Arm Length	*3.4 m (11 ft. 2 in.)*	*3.9 m (12 ft. 10 in.)*
	Arm Digging Force		
	SAE	219 kN (49,199 lb.)	199 kN (44,783 lb.)
	ISO	226 kN (50,801 lb.)	204 kN (45,925 lb.)
	Bucket Digging Force		
	SAE	269 kN (60,477 lb.)	269 kN (60,477 lb.)
	ISO	301 kN (67,564 lb.)	301 kN (67,564 lb.)
A	Maximum Reach	12.06 m (39 ft. 7 in.)	12.49 m (41 ft. 0 in.)
A'	Maximum Reach at Ground Level	11.84 m (38 ft. 10 in.)	12.28 m (40 ft. 3 in.)
B	Maximum Digging Depth	7.77 m (25 ft. 6 in.)	8.27 m (27 ft. 2 in.)
B'	Maximum Digging Depth at 2.44-m (8 ft. 0 in.) Flat Bottom	7.63 m (25 ft. 0 in.)	8.14 m (26 ft. 8 in.)
C	Maximum Cutting Height	11.06 m (36 ft. 3 in.)	11.16 m (36 ft. 7 in.)
D	Maximum Dumping Height	7.65 m (25 ft. 1 in.)	7.77 m (25 ft. 6 in.)
E	Minimum Swing Radius	4.84 m (15 ft. 11 in.)	4.81 m (15 ft. 9 in.)
F	Maximum Vertical Wall	6.59 m (21 ft. 7 in.)	6.98 m (22 ft. 11 in.)
G	Tail-Swing Radius	3.67 m (12 ft. 0 in.)	3.67 m (12 ft. 0 in.)



470 P-TIER

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

	Machine Dimensions	470 P-TIER	
	Arm Length	*3.4 m (11 ft. 2 in.)*	*3.9 m (12 ft. 10 in.)*
A	Overall Length With Arm	12.01 m (39 ft. 5 in.)	12.01 m (39 ft. 5 in.)
B	Overall Height With Arm	3.48 m (11 ft. 5 in.)	3.50 m (11 ft. 6 in.)
C	Rear-End Length/Swing Radius	3.67 m (12 ft. 0 in.)	3.67 m (12 ft. 0 in.)
D	Distance Between Idler/Sprocket Centerline	4.47 m (14 ft. 8 in.)	4.47 m (14 ft. 8 in.)
E	Undercarriage Length	5.47 m (17 ft. 11 in.)	5.47 m (17 ft. 11 in.)
F	Counterweight Clearance	1.36 m (4 ft. 6 in.)	1.36 m (4 ft. 6 in.)
G	Upperstructure Width	3.48 m (11 ft. 5 in.)	3.48 m (11 ft. 5 in.)
H	Cab Height	3.33 m (10 ft. 11 in.)	3.33 m (10 ft. 11 in.)
I	Track Width With Triple Semi-Grouser Shoes	900 mm (36 in.)	900 mm (36 in.)
J	Gauge Width		
	Operating Position	2.89 m (9 ft. 6 in.)	2.89 m (9 ft. 6 in.)
	Transport Position	2.39 m (7 ft. 10 in.)	2.39 m (7 ft. 10 in.)
K	Ground Clearance	0.74 m (29 in.)	0.74 m (29 in.)
L	Overall Width With 900-mm (36 in.) Triple Semi-Grouser Shoes		
	Operating Position	3.79 m (12 ft. 5 in.)	3.79 m (12 ft. 5 in.)
	Transport Position	3.29 m (10 ft. 10 in.)	3.29 m (10 ft. 10 in.)



While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Lift Capacities **470 P-TIER**

Boldface type indicates hydraulically limited capacity; lightface type indicates stability-limited capacities, in kg (lb.). Ratings at bucket lift hook; machine equipped with standard gauge and situated on firm, uniform supporting surface. Total load includes weight of cables, hook, etc. Figures do not exceed 87 percent of hydraulic capacities or 75 percent of weight needed to tip machine. All lift capacities are based on ISO 10567 (with power boost).

	HORIZONTAL DISTANCE FROM CENTERLINE OF ROTATION									
	3.0 m (10 ft.)		4.5 m (15 ft.)		6.0 m (20 ft.)		7.5 m (25 ft.)		9.0 m (30 ft.)	
LOAD POINT HEIGHT	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side	Over Front	Over Side
With 7.0-m (23 ft. 0 in.) boom, 3.4-m (11 ft. 2 in.) arm, and 900-mm (36 in.) triple semi-grouser shoes, less bucket										
7.5 m (25 ft.)							**11 640 (25,540)**	**11 640** (25,210)		
6.0 m (20 ft.)							**12 260 (26,730)**	11 460 (24,700)	**10 910 (21,510)**	8540 (18,350)
4.5 m (15 ft.)			**20 770 (44,540)**	**20 770 (44,540)**	**15 810 (34,180)**	15 420 (33,290)	**13 310 (28,920)**	11 050 (23,830)	**11 870 (25,910)**	8360 (17,990)
3.0 m (10 ft.)			**23 750 (54,320)**	21 920 (47,350)	**18 000 (38,910)**	14 530 (31,390)	**14 490 (31,430)**	10 580 (22,840)	**12 460 (27,110)**	8110 (17,480)
1.5 m (5 ft.)			**15 460 (37,020)**	**15 460 (37,020)**	**19 620 (42,470)**	13 840 (29,870)	**15 460 (33,520)**	10 170 (21,960)	12 600 (27,150)	7880 (17,000)
Ground Line			**18 500 (42,980)**	**18 500 (42,980)**	**20 280 (43,950)**	13 430 (28,970)	**15 950 (34,590)**	9890 (21,340)	12 420 (26,760)	7720 (16,650)
–1.5 m (–5 ft.)	**13 570 (30,700)**	**13 570 (30,700)**	**25 530 (56,570)**	20 440 (43,950)	**19 920 (43,190)**	13 280 (28,640)	**15 770 (34,150)**	9760 (21,070)	12 350 (26,650)	7660 (16,550)
–3.0 m (–10 ft.)	**22 020 (49,800)**	**22 020 (49,800)**	**23 620 (51,250)**	20 640 (44,390)	**18 490 (40,020)**	13 340 (28,770)	**14 630 (31,510)**	9800 (21,160)		
–4.5 m (–15 ft.)	**24 600 (53,120)**	**24 600 (53,120)**	**19 710 (42,450)**	**19 710 (42,450)**	**15 580 (33,380)**	13 620 (29,400)	**11 570**	10 080		
With 7.0-m (23 ft. 0 in.) boom, 3.9-m (12 ft. 10 in.) arm, and 900-mm (36 in.) triple semi-grouser shoes, less bucket										
7.5 m (25 ft.)									**7570**	**7570**
6.0 m (20 ft.)							**11 520 (25,120)**	**11 520** (24,930)	**10 660 (22,170)**	8610 (18,510)
4.5 m (15 ft.)					**14 830 (32,070)**	**14 830 (32,070)**	**12 630 (27,450)**	11 120 (23,990)	**11 330 (24,710)**	8380 (18,050)
3.0 m (10 ft.)			**23 650 (50,850)**	22 360 (48,280)	**17 130 (37,030)**	14 670 (31,680)	**13 900 (30,140)**	10 620 (22,910)	**12 000 (26,110)**	8110 (17,470)
1.5 m (5 ft.)			**20 270 (48,150)**	**20 270** (45,110)	**18 990 (41,100)**	13 880 (29,950)	**15 000 (32,530)**	10 160 (21,920)	12 570 (27,080)	7840 (16,900)
Ground Line			**20 200 (46,810)**	**20 200** (43,730)	**19 970 (43,280)**	13 370 (28,830)	**15 690 (34,010)**	9820 (21,190)	12 340 (26,600)	7640 (16,470)
–1.5 m (–5 ft.)	**13 570 (30,620)**	**13 570 (30,620)**	**25 040 (57,490)**	20 180 (43,390)	**19 960 (43,280)**	13 130 (28,310)	**15 750 (34,120)**	9640 (20,790)	12 230 (26,360)	7530 (16,250)
–3.0 m (–10 ft.)	**20 270 (45,750)**	**20 270 (45,750)**	**24 590 (53,320)**	20 300 (43,660)	**18 930 (40,970)**	13 130 (28,300)	**14 980 (32,330)**	9620 (20,760)	**11 780**	7570
–4.5 m (–15 ft.)	**27 700 (59,840)**	**27 700 (59,840)**	**21 220 (45,780)**	20 660 (44,460)	**16 590 (35,680)**	13 330 (28,770)	**12 840 (27,300)**	9800 (21,200)		
–6.0 m (–20 ft.)			**15 600 (32,950)**	**15 600 (32,950)**	**11 870 (24,560)**	**11 870 (24,560)**				

470 P-TIER

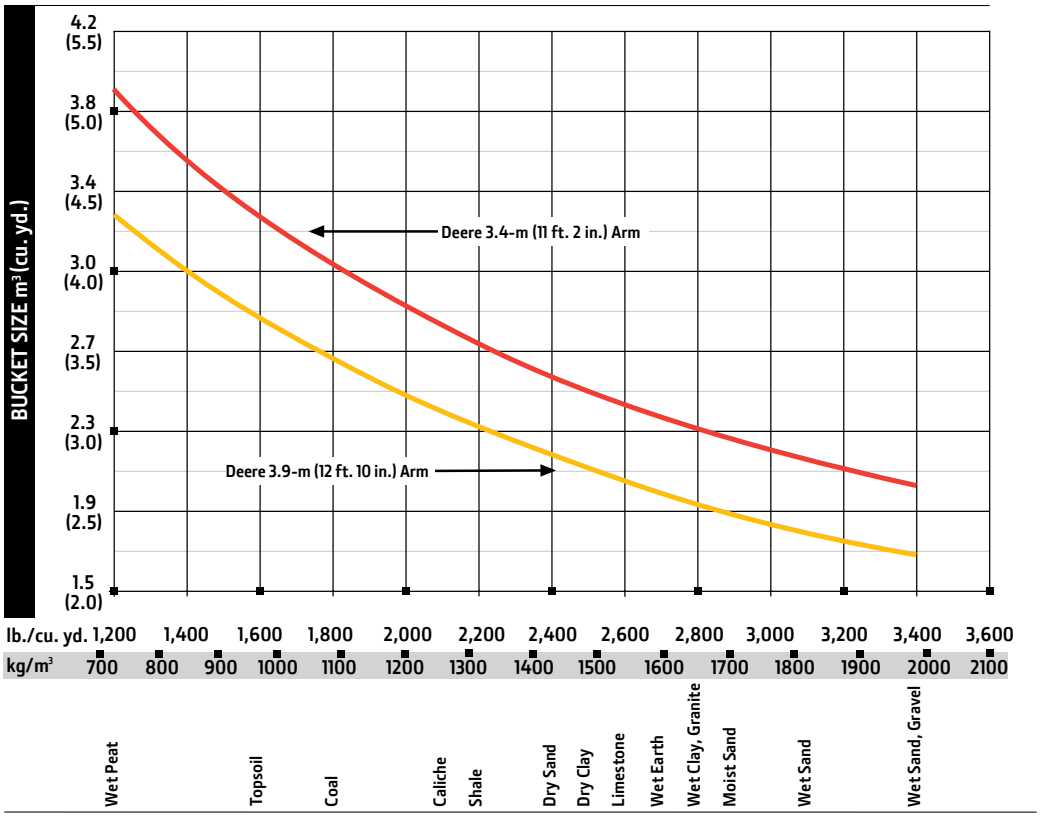
While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Buckets — 470 P-TIER

A full line of buckets is offered to meet a wide variety of applications. Digging forces are with power boost. Buckets are equipped with John Deere TK-Series teeth. A variety of teeth are available through John Deere Parts. Optional side cutters add 150 mm (6 in.) to bucket widths. Capacities are SAE heaped ratings.

Type Bucket	Bucket Width		Bucket Capacity		Bucket Weight		Bucket Dig Force (SAE)		Bucket Dig Force (ISO)		Arm Dig Force 3.4 m (11 ft. 2 in.) (SAE)		Arm Dig Force 3.4 m (11 ft. 2 in.) (ISO)		Arm Dig Force 3.9 m (12 ft. 10 in.) (SAE)		Arm Dig Force 3.9 m (12 ft. 10 in.) (ISO)		Bucket Pin to Cutting-Edge Radius		Bucket Pin to Tooth-Tip Radius		Number of Teeth
	mm	in.	m^3	cu. yd.	kg	lb.	kN	lb.	kN	lb.	kN	lb.	kN	lb.	kN	lb.	kN	lb.	mm	in.	mm	in.	
Heavy Duty	1067	42.0	1.47	1.92	1629	3,591	269.0	60,477	300.5	67,564	218.8	49,199	226.0	50,801	199.2	44,783	204.3	45,925	1675	66	1849	72.8	4
	1220	48.0	1.74	2.27	1803	3,975	269.0	60,477	300.5	67,564	218.8	49,199	226.0	50,801	199.2	44,783	204.3	45,925	1675	66	1849	72.8	5
	1372	54.0	2.01	2.60	1924	4,242	269.0	60,477	300.5	67,564	218.8	49,199	226.0	50,801	199.2	44,783	204.3	45,925	1675	66	1849	72.8	5
	1524	60.0	2.28	3.00	2090	4,608	269.0	60,477	300.5	67,564	218.8	49,199	226.0	50,801	199.2	44,783	204.3	45,925	1675	66	1849	72.8	6
	1676	66.0	2.55	3.34	2195	4,839	269.0	60,477	300.5	67,564	218.8	49,199	226.0	50,801	199.2	44,783	204.3	45,925	1675	66	1849	72.8	6
	1829	72.0	2.82	3.70	2360	5,203	269.0	60,477	300.5	67,564	218.8	49,199	226.0	50,801	199.2	44,783	204.3	45,925	1675	66	1849	72.8	7
Severe Duty	1537	60.5	2.28	3.00	2222	4,899	262.9	59,102	293.7	66,028	217.1	48,800	224.1	50,389	197.7	44,451	202.8	45,584	1675	66	1892	74.5	5

Bucket Selection Guide*



* Contact your John Deere dealer for optimum bucket and attachment selections. These recommendations are for general conditions and average use. Does not include optional equipment such as thumbs or couplers. Larger buckets may be possible when using light materials, for flat and level operations, less compacted materials, and volume loading applications such as mass-excavation applications in ideal conditions. Smaller buckets are recommended for adverse conditions such as off-level applications, rocks, and uneven surfaces. Bucket capacity indicated is SAE heaped.

Additional equipment

Key: ● Standard ▲ Optional or special
See your John Deere dealer for further information.

470 P	Engine
●	Auto-idle system
●	Automatic belt-tension device
●	Batteries (2 – 12 volt)
●	Coolant recovery tank
●	Dual-element dry-type air filter
●	Electronic engine control
●	Enclosed fan guard (conforms to SAE J1308)
●	Engine coolant to –37 deg. C (–34 deg. F)
●	Programmable auto shutdown
●	Fuel filter with water separator
●	Fuel shutoff valve
●	Full-flow oil filter
●	Turbocharger with charge air cooler
●	Cool-on-demand hydraulic-reversing fan
●	500-hour engine-oil-change interval
●	70% (35 deg.) off-level capability
	Hydraulic System
●	Reduced-drift valve for boom down, arm in
●	Auxiliary hydraulic valve section
●	Spring-applied, hydraulically released automatic swing brake
●	Auxiliary hydraulic-flow adjustments through monitor
●	Auto power lift
●	4,000-hour hydraulic-oil-change interval
●	Control pattern-change valve
▲	Auxiliary hydraulic lines
▲	Auxiliary pilot and electric controls
▲	Hydraulic filter restriction indicator kit
▲	Load-lowering control device
▲	Single-pedal propel control
	Undercarriage
●	Planetary drive with axial piston motors
●	Propel motor shields
●	Spring-applied, hydraulically released automatic propel brake
●	Track guides, front idler and center
●	2-speed propel with automatic shift
●	Upper carrier rollers (3)
●	Sealed and lubricated track chain
●	Track-frame undercover seat screws
▲	Track-frame undercover
▲	Triple semi-grouser shoes, 900 mm (36 in.)
	Upperstructure
●	Right-hand and left-hand mirrors
●	Vandal locks with ignition key: Cab door / Fuel cap / Service doors / Toolbox
●	Debris screen in side panel
●	Service platform, left side
●	Remote-mounted engine oil and fuel filters
▲	Counterweight-removal system

470 P	Front Attachments
▲	Hydraulic coupler ready
●	Centralized lubrication system
●	Dirt seals on all bucket pins
▲	Boom, 7.0 m (23 ft. 0 in.)
▲	Arm, 3.4 m (11 ft. 2 in.)
▲	Arm, 3.9 m (12 ft. 10 in.)
▲	Buckets: Heavy duty / Heavy-duty high capacity / Side cutters and teeth
	Operator's Station
●	Adjustable independent-control positions (levers-to-seat, seat-to-pedals)
●	AM/FM radio
●	Auto climate control/air conditioner/ heater/pressurizer
●	Built-in Operator's Manual storage compartment and manual
●	Cell-phone power outlet, 12 volt, 60 watt, 5 amp
●	Coat hook
●	Standard cloth seat, mechanical suspension, with 100-mm (4 in.) adjustable armrests
●	Retractable seat belt, 76 mm (3 in.) (conforms to SAE J368)
●	Floor mat
●	Front windshield wiper with intermittent speeds
●	Gauges (illuminated): Diesel Exhaust Fluid (DEF) / Engine coolant / Fuel
●	Horn, electric
●	Hourmeter, electric
●	Hydraulic shutoff lever, all controls
●	Hydraulic warm-up control
●	Interior light
●	Large cup holder
●	Machine Information Center (MIC)
●	Mode selectors (illuminated): Power modes (3) / Travel modes (2 with automatic shift) / Work mode (1) / Boom mode
●	Multifunction, color LCD monitor with: Diagnostic capability / Multiple-language capabilities / Maintenance tracking / Clock / System monitoring with alarm features: Auto-idle indicator, engine air cleaner restriction indicator light, engine check, engine coolant temperature indicator light with audible alarm, engine oil pressure indicator light with audible alarm, low-alternator-charge indicator light, low-fuel indicator light, low DEF indication with audible alarm, fault code alert indicator, fuel-rate display, wiper-mode indicator, work-lights-on indicator, and work-mode indicator

470 P	Operator's Station *(continued)*
●	Motion alarm with cancel switch (conforms to SAE J994)
●	Power-boost switch on right console lever
●	Propel pedals and hand levers
●	SAE 2-lever control pattern
●	Tinted glass
●	Transparent tinted overhead hatch
●	Hot/cold beverage compartment
●	USB charging port
▲	Protection screens for cab front, rear, and side
▲	Window vandal-protection covers
	Grade Management (factory installed)
▲	2D Grade Guidance
▲	3D Grade Guidance
▲	SmartGrade™ Ready 2D grade control
▲	SmartGrade 3D grade control
	Electrical
●	Right rear left 270-deg. camera system with additional LED surround lighting
●	100-amp alternator
●	Blade-type multi-fused circuits
●	Positive-terminal battery covers
●	JDLink™ wireless communication system (available in specific countries; see your dealer for details)
▲	Cab extension wiring harness
	Lights
●	LED work lights
	Trim Packages
●	**Level 1:** Mechanical seat and standard front LED worklights
▲	**Level 2:** Heated, air-suspension seat and standard front LED worklights
▲	**Level 3:** Heated, air-suspension seat, deluxe front LED worklights, and chrome exhaust
▲	**Level 4:** Premium-leather, thermal-heating, and active-cooling seat; deluxe front LED worklights; and chrome exhaust
	Application Packages
▲	**Cold-weather package:** Engine-block heater and ether start aid
▲	**Debris package:** Engine air centrifugal precleaner for use in high-airborne-debris environments

While general information, pictures, and descriptions are provided, some illustrations and text may include product options and accessories NOT AVAILABLE in all regions, and in some countries products and accessories may require modifications or additions to ensure compliance with the local regulations of those countries.

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan, at test conditions specified per ISO 9249. No derating is required up to 2000-m (6,560 ft.) altitude. Specifications and design subject to change without notice. Wherever applicable, specifications are in accordance with SAE standards. Except where otherwise noted, these specifications are based on a unit with 1370-mm (54 in.) bucket, 900-mm (36 in.) triple semi-grouser shoes, 8400-kg (18,519 lb.) counterweight, full fuel tank, and 79-kg (175 lb.) operator.

ME470PAU (22-07)

JOHN DEERE

APPENDIX 6
GPS Specification

2D / 3D Excavator Control

TOPCON

2D, 3D or automatic control now
with a future-proof upgrade path

2D / 3D Machine Control Excavator System

Cut grade quickly and accurately

Cut flat, vertical and 3D surfaces

Fully upgradeable

Improves job safety

Integrated multi-constellation GR-i3 GPS receivers

Upgrade now to a 'future-proof' excavating system

Select the X-53x automatic system now; or start with either the X-52x (2D system) or X-53x (3D indicate system) and easily upgrade them later if the need arises. No matter which system you start with, you will greatly enhance the efficiency of your excavating projects. 3D systems show a 30% productivity increase over non-equipped machines.

Get to grade faster

The 2D system ensures you will always cut to the correct grade, while the full 3D system provides even more advanced positioning assistance that reduces the need for stakeout, grading and survey personnel. An automatic system adds even more productivity and savings, keeping you exactly on grade and letting even novice operators work like a pro. This allows you to work more independently, streamlining your workflow, and allowing you to deliver on schedule.

GPS receivers

The X-53x system features fully integrated multi-constellation GR-i3 GPS receivers for precise positioning of the boom, stick and bucket at all times.

Controller

The future-proof, compact and ruggedized MC-X1 GPS machine controller supports current 2D/3D indicate systems now and future planned enhancements.

Tilt sensors

Tilt sensors are mounted on the boom, stick and bucket for elevation guidance at any angle.

Joysticks

The 3D automatic configuration includes custom joysticks to put the power of automatics at your fingertips.

TOPCON

For more information:
2D: **topconpositioning.com/x-52x**
3D: **topconpositioning.com/x-53x**
Auto: **topconpositioning.com/AutoX-Info**

Specifications subject to change without notice.
©2019 Topcon Corporation All rights reserved.
7010-2246 B 8/19

Versatile GNSS Receiver

HiPer VR

Compact integrated receiver with best-in-class technology

Complete, Cutting-edge Performance

HiPer VR

Better form and function

The HiPer VR is versatile and rugged, designed with the most advanced GNSS technology delivering precise measurements in the most challenging of environments. Topcon patented Universal Tracking Channels™ technology provides the industry's most efficient approach in identifying and using every satellite signal. All constellation signals are tracked automatically from any available channel. Thus, reaching maximum performance with a reduced number of channels.

Easy to learn and use, this versatile solution with signal scrubbing Fence Antenna® provides ultimate signal lock, high-accuracy RTK positioning, multiple communication configurations and LongLink™ interference-free communication that will help complete your work with precision and speed.

Universal Tracking Channels™ for all satellites, signals and constellations

Field-tested, field-ready IP67 design

Compact form ideal for Millimeter GPS and Hybrid Positioning™

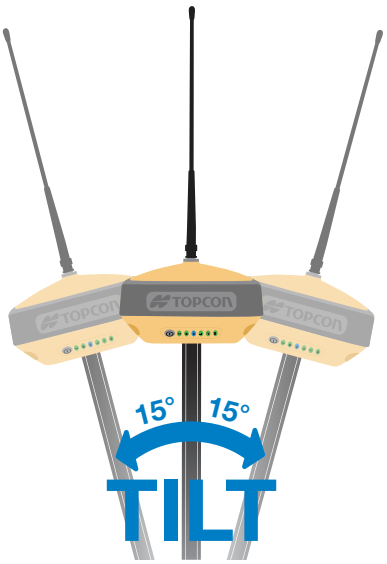
Revolutionary 9-axis IMU and ultra-compact 3-axis eCompass

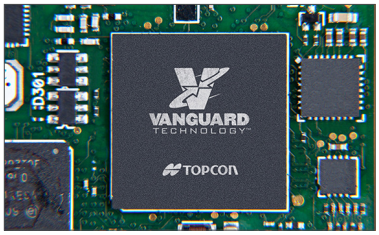
1. Fence Antenna®
2. Power Button
3. Status
4. Recording
5. Bluetooth®
6. RxTx
7. Battery
8. Power Input
9. Serial
10. Micro USB
11. External GNSS Antenna

TILT – Topcon Integrated Leveling Technology

The HiPer VR incorporates a revolutionary 9-axis inertial measurement unit (IMU) and an ultra-compact 3-axis eCompass. This advanced technology compensates for mis-leveled and out of plumb field measurements by as much as 15 degrees.

Awkward shots on steep slopes or hard to reach spots are now a breeze with TILT.





Integrated radio and modem options

- 400 MHz UHF Tx/Rx radio
- License-free 900 MHz radio, FH915 protocol[1]

L Band-ready technology

The HiPer VR is L Band-ready for countless advantages in receiving advanced GNSS corrections globally.[2]

Highly configurable

Designed to grow with you, unique electronic option files empower you to activate available features instantly.

Future proof

Topcon Universal Tracking Channels technology tracks all GNSS signals currently available and is designed to track the constellations and signals of tomorrow.

[1] Check with the regulatory body in your region regarding license-free frequency requirements.
[2] Contact your Topcon representative regarding availability.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Topcon is under license. Other trademarks and trade names are those of their respective owners.

TOPCON

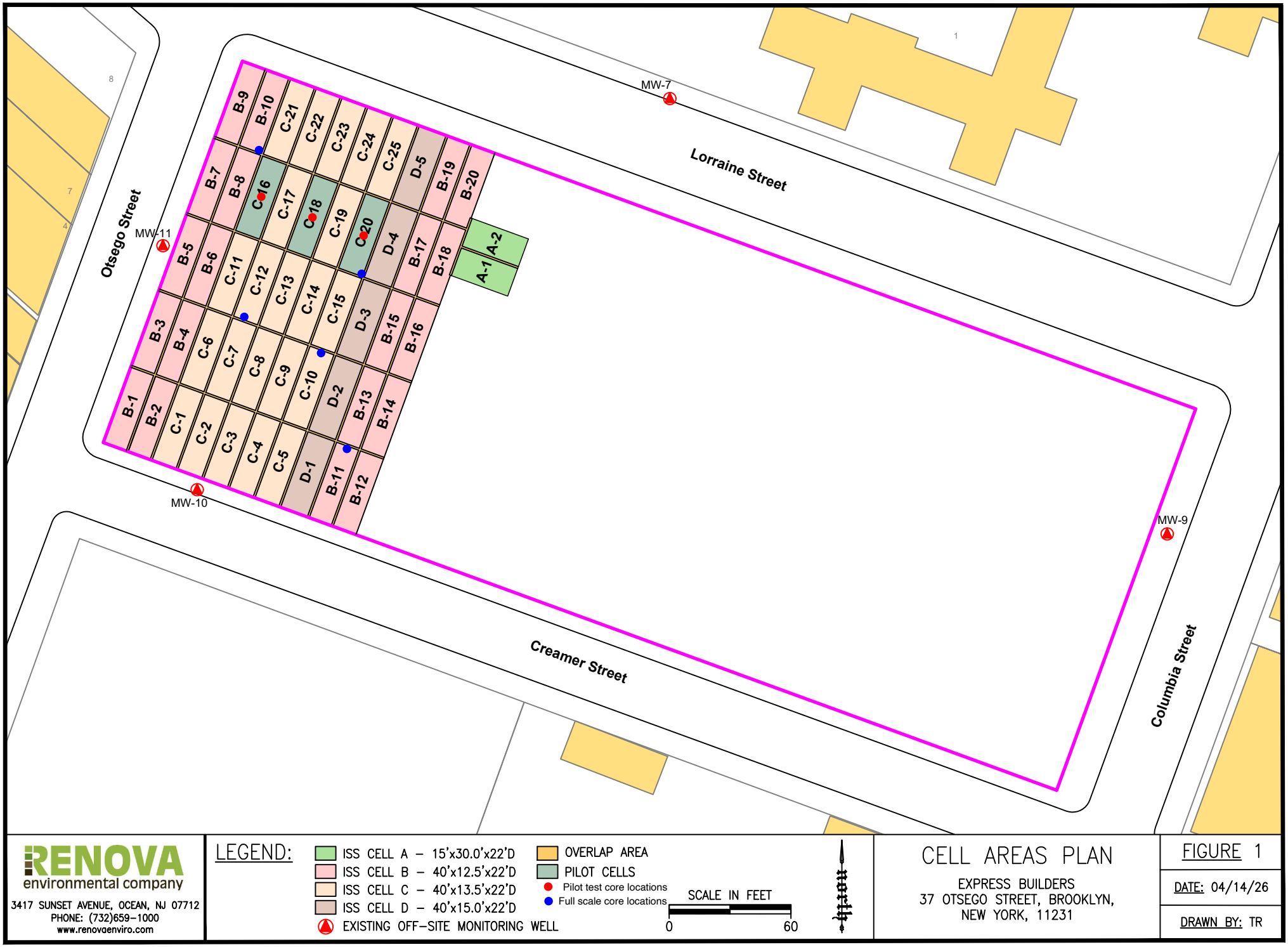
Specifications subject to change without notice.
© 2020 Topcon Corporation. All rights reserved.
7010-2258 C 7/20

www.topconpositioning.com/hiper-vr

APPENDIX 7
Sample Collection Tool

ENTACT
BIG R
FARM & HOME

APPENDIX 8
Proposed Cell Layout and Cell Mix



RENOVA environmental company
3417 SUNSET AVENUE, OCEAN, NJ 07712
PHONE: (732)659-1000
www.renovaenviro.com

LEGEND:

- ISS CELL A – 15'x30.0'x22'D
- ISS CELL B – 40'x12.5'x22'D
- ISS CELL C – 40'x13.5'x22'D
- ISS CELL D – 40'x15.0'x22'D
- EXISTING OFF-SITE MONITORING WELL
- OVERLAP AREA
- PILOT CELLS
- Pilot test core locations
- Full scale core locations

SCALE IN FEET
0 60

north

CELL AREAS PLAN

EXPRESS BUILDERS
37 OTSEGO STREET, BROOKLYN,
NEW YORK, 11231

FIGURE 1
DATE: 04/14/26
DRAWN BY: TR

Cell	Surface Area SF	Pre-cut in CY.	Depth in ft.	CY	Dry Tons 1.5	Swell Depth	Swell CY	Swell TON	PAC w/Waste	Slag w/Waste	Portland w/Waste	Weight of Slag Per Batch lbs	Weight of Portland Per Batch lbs	Batches @ 200 gpb & 3200 lbs Reagent w/Waste
A-1	496	110	22	413	620	2.25	41	62	6.82	27.27	27.27	1600	1600	**35**
A-2	496	110	22	413	620	2.25	41	62	6.82	27.27	27.27	1600	1600	**35**
B-1	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
B-2	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
B-3	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
B-4	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
B-5	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
B-6	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
B-7	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
B-8	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
B-9	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
B-10	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
B-11	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
B-12	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
B-13	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
B-14	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
B-15	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
B-16	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
B-17	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
B-18	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
B-19	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
B-20	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-1	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-2	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-3	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-4	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-5	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-6	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-7	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-8	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-9	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-10	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-11	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-12	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-13	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-14	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-15	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-16	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-17	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-18	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-19	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-20	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-21	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-22	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-23	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-24	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
C-25	554	123	22	461	692	2.25	46	69	7.61	30.43	30.43	1600	1600	**39**
D-1	656	146	22	546	820	2.25	55	82	9.02	36.06	36.06	1600	1600	**46**
D-2	656	146	22	546	820	2.25	55	82	9.02	36.06	36.06	1600	1600	**46**
D-3	656	146	22	546	820	2.25	55	82	9.02	36.06	36.06	1600	1600	**46**
D-4	656	146	22	546	820	2.25	55	82	9.02	36.06	36.06	1600	1600	**46**
D-5	656	146	22	546	820	2.25	55	82	9.02	36.06	36.06	1600	1600	**46**
Totals	**29180**	**6484**		**24305**	**36458**		**2431**	**3646**	**401**	**1604**	**1604**			**421**

APPENDIX 9
Laboratory Deliverables

Technical Report

prepared for:

Tenen Environmental
121 W 27th Street, Suite 303
New York NY, 10001
Attention: Honpong Lau

Report Date: 01/09/2026
Client Project ID: 37 Otsego St
Project (SDG) No.: 25L1381

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.alsglobal.com/usaenviro (203) 325-1371 FAX (203) 357-0166 nastr.clientservices@alsglobal.com

Report Date: 01/09/2026
Client Project ID: 37 Otsego St
Project (SDG) No.: 25L1381

Tenen Environmental
121 W 27th Street, Suite 303
New York NY, 10001
Attention: Honpong Lau

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on December 24, 2025 and listed below. The project was identified as your project: **37 Otsego St**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

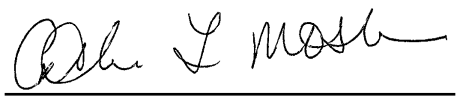
Please contact Client Services at 203.325.1371 with any questions regarding this report.

Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25L1381-01	SB-1 (13-14)	Soil	12/23/2025	12/24/2025
25L1381-02	SB-2 (26-27)	Soil	12/23/2025	12/24/2025
25L1381-03	SB-3 (27-28)	Soil	12/23/2025	12/24/2025
25L1381-04	SB-4 (23-24)	Soil	12/23/2025	12/24/2025
25L1381-05	SB-5 (26-27)	Soil	12/23/2025	12/24/2025

General Notes for Project (SDG) No.: 25L1381

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. ALS' liability for the above data is limited to the dollar value paid to ALS for the referenced project.
4. This report shall not be reproduced without the written approval of ALS, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by ALS.
8. Analyses conducted at ALS, Inc. Stratford, CT are indicated by NYDOH-NY10854, NJDEP-CT005, PADEP-68-04440, CTDPH-PH0840; those conducted at ALS, Inc., Richmond Hill, NY are indicated by NYDOH-NY12058, NJDEP-NY037, CTDPH-PH0837, NHDES-NH2097, MDDEP-375, PADEP-68-06231.

Approved By:



Cassie Mosher
Laboratory Manager Stratford

Date: 01/09/2026

Client:	Tenen Environmental	**Sample ID:**	**25L1381-01**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-1 (13-14)	**Collection Date/Time:**	12/23/25 10:00

Lab ID:	**25L1381-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
1,1,1-Trichloroethane	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
1,1,2,2-Tetrachloroethane	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
1,1,2-Trichloroethane	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
1,1-Dichloroethane	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
1,1-Dichloroethylene	ND	CCVE	0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
1,1-Dichloropropylene	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
1,2,3-Trichlorobenzene	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
1,2,3-Trichloropropane	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
1,2,4-Trichlorobenzene	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
1,2,4-Trimethylbenzene	**0.12**		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
1,2-Dibromo-3-chloropropane	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
1,2-Dibromoethane	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
1,2-Dichlorobenzene	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
1,2-Dichloroethane	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
1,2-Dichloropropane	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
1,3,5-Trimethylbenzene	**0.018**		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
1,3-Dichlorobenzene	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
1,3-Dichloropropane	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
1,4-Dichlorobenzene	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
2,2-Dichloropropane	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
2-Butanone	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
2-Chlorotoluene	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
2-Hexanone	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
4-Chlorotoluene	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
4-Methyl-2-pentanone	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Acetone	**0.034**	CCVE	0.0086	0.017	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Acrolein	ND	CCVE	0.0086	0.017	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Acrylonitrile	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS

Client:	Tenen Environmental	**Sample ID:**	**25L1381-01**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-1 (13-14)	**Collection Date/Time:**	12/23/25 10:00

Lab ID:	**25L1381-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Benzene	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Bromobenzene	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Bromochloromethane	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Bromodichloromethane	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Bromoform	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Bromomethane	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Carbon disulfide	**0.0084**	J	0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Carbon tetrachloride	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Chlorobenzene	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Chloroethane	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Chloroform	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Chloromethane	ND	CCVE	0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
cis-1,2-Dichloroethylene	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
cis-1,3-Dichloropropylene	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Cyclohexane	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Dibromochloromethane	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Dibromomethane	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Dichlorodifluoromethane	ND	CCVE	0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Ethyl Benzene	**0.085**		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Hexachlorobutadiene	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Isopropylbenzene	**0.11**		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Methyl acetate	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Methyl tert-butyl ether (MTBE)	ND	ICVE	0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Methylcyclohexane	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
* Methylene chloride	ND		0.0086	0.017	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
n-Butylbenzene	**0.0074**	J, QL-02	0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
n-Propylbenzene	**0.088**		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
o-Xylene	**0.0046**	J	0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
p- & m- Xylenes	ND		0.0086	0.017	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
p-Isopropyltoluene	**0.033**		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
sec-Butylbenzene	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS

Client:	Tenen Environmental	**Sample ID:**	**25L1381-01**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-1 (13-14)	**Collection Date/Time:**	12/23/25 10:00

Lab ID: **25L1381-01** **Laboratory:** ALS Environmental - Stratford
Analysis: **Volatile Organic Compounds by GC/MS** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 5035A

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Styrene	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
tert-Butyl alcohol (TBA)	ND		0.022	0.043	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
tert-Butylbenzene	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Tetrachloroethylene	ND	CCVE, QL-02	0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Toluene	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
trans-1,2-Dichloroethylene	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
trans-1,3-Dichloropropylene	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Trichloroethylene	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Trichlorofluoromethane	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Vinyl acetate	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Vinyl Chloride	ND		0.0043	0.0086	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS
Xylenes, Total	ND		0.013	0.026	1	mg/kg dry	EPA 8260D	12/31/25 10:24	12/31/25 14:03	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*109 %*		*77-125*	*EPA 8260D*	*12/31/25 14:03*
Surrogate: SURR: Toluene-d8	*110 %*		*85-120*	*EPA 8260D*	*12/31/25 14:03*
Surrogate: SURR: p-Bromofluorobenzene	*115 %*		*76-130*	*EPA 8260D*	*12/31/25 14:03*

Lab ID: **25L1381-01** **Laboratory:** ALS Environmental - Stratford
Analysis: **Volatile Organic Compounds by GC/MS TCLP** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 5030B/1312

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1-Dichloroethylene	ND	CAL-E	0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 10:11	PRS
1,2-Dichloroethane	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 10:11	PRS
1,4-Dichlorobenzene	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 10:11	PRS
2-Butanone	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 10:11	PRS
Benzene	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 10:11	PRS
Carbon tetrachloride	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 10:11	PRS
Chlorobenzene	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 10:11	PRS
Chloroform	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 10:11	PRS

Client:	Tenen Environmental	**Sample ID:**	**25L1381-01**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-1 (13-14)	**Collection Date/Time:**	12/23/25 10:00

Lab ID: **25L1381-01** **Laboratory:** ALS Environmental - Stratford
Analysis: **Volatile Organic Compounds by GC/MS TCLP** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 5030B/1312

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Tetrachloroethylene	ND	ICVE	0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 10:11	PRS
Trichloroethylene	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 10:11	PRS
Vinyl Chloride	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 10:11	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*107 %*		*65-135*	*EPA 8260D/1311*	*1/3/26 10:11*
Surrogate: SURR: Toluene-d8	*100 %*		*86-118*	*EPA 8260D/1311*	*1/3/26 10:11*
Surrogate: SURR: p-Bromofluorobenzene	*101 %*		*84.2-124*	*EPA 8260D/1311*	*1/3/26 10:11*

Lab ID: **25L1381-01** **Laboratory:** ALS Environmental - Stratford
Analysis: **Semivolatile Organic Compounds by GC/MS** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 3550C

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1-Biphenyl	**1.87**		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
1,2,4,5-Tetrachlorobenzene	ND		0.142	0.283	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
1,4-Dichlorobenzene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 19:39	AK
2,3,4,6-Tetrachlorophenol	ND		0.142	0.283	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
2,4,5-Trichlorophenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 19:39	AK
2,4,5-Trichlorophenol	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
2,4,6-Trichlorophenol	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
2,4,6-Trichlorophenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 19:39	AK
2,4-Dichlorophenol	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
2,4-Dimethylphenol	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
2,4-Dinitrophenol	ND		0.142	0.283	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
2,4-Dinitrotoluene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 19:39	AK
2,4-Dinitrotoluene	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
2,6-Dinitrotoluene	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
2-Chloronaphthalene	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
2-Chlorophenol	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
2-Methylnaphthalene	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
2-Methylphenol	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
2-Methylphenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 19:39	AK
2-Nitroaniline	ND		0.142	0.283	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
2-Nitrophenol	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
* 3- & 4-Methylphenols	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
* 3- & 4-Methylphenols	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 19:39	AK

Client:	Tenen Environmental	**Sample ID:**	**25L1381-01**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-1 (13-14)	**Collection Date/Time:**	12/23/25 10:00

Lab ID:	**25L1381-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
3,3-Dichlorobenzidine	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
3-Nitroaniline	ND		0.142	0.283	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
4,6-Dinitro-2-methylphenol	ND		0.142	0.283	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
4-Bromophenyl phenyl ether	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
4-Chloro-3-methylphenol	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
4-Chloroaniline	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
4-Chlorophenyl phenyl ether	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
4-Nitroaniline	ND		0.142	0.283	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
4-Nitrophenol	ND		0.142	0.283	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Acenaphthene	**8.49**		0.710	1.42	20	mg/kg dry	EPA 8270E	1/6/26 8:55	1/8/26 16:54	AK
Acenaphthylene	**0.651**		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Acetophenone	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Anthracene	**6.89**		0.710	1.42	20	mg/kg dry	EPA 8270E	1/6/26 8:55	1/8/26 16:54	AK
Atrazine	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Benzaldehyde	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Benzo(a)anthracene	**2.58**		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Benzo(a)pyrene	**0.249**		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Benzo(b)fluoranthene	**0.747**		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Benzo(g,h,i)perylene	**0.472**		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Benzo(k)fluoranthene	**0.769**		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Benzyl butyl phthalate	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Bis(2-chloroethoxy)methane	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Bis(2-chloroethyl)ether	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Bis(2-chloroisopropyl)ether	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Bis(2-ethylhexyl)phthalate	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Caprolactam	ND		0.142	0.283	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Carbazole	**0.103**	J	0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Chrysene	**2.61**		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
* Cresols, total	ND		0.0200	0.0300	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 19:39	AK
Dibenzo(a,h)anthracene	**0.203**		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Dibenzofuran	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Diethyl phthalate	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Dimethyl phthalate	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Di-n-butyl phthalate	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Di-n-octyl phthalate	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Fluoranthene	**4.28**		0.710	1.42	20	mg/kg dry	EPA 8270E	1/6/26 8:55	1/8/26 16:54	AK
Fluorene	**7.75**		0.710	1.42	20	mg/kg dry	EPA 8270E	1/6/26 8:55	1/8/26 16:54	AK
Hexachlorobenzene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 19:39	AK
Hexachlorobenzene	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Hexachlorobutadiene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 19:39	AK
Hexachlorobutadiene	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Hexachlorocyclopentadiene	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 18:36	AK
Hexachloroethane	ND		0.00250	0.00500	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 19:39	AK

Client:	Tenen Environmental	**Sample ID:**	**25L1381-01**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-1 (13-14)	**Collection Date/Time:**	12/23/25 10:00

Lab ID:	**25L1381-01**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Hexachloroethane	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 18:36	AK
Indeno(1,2,3-cd)pyrene	**0.421**		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 18:36	AK
Isophorone	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 18:36	AK
Naphthalene	**24.9**		0.710	1.42	20	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 8/26 16:54	AK
Nitrobenzene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 19:39	AK
Nitrobenzene	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 18:36	AK
N-nitroso-di-n-propylamine	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 18:36	AK
N-Nitrosodiphenylamine	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 18:36	AK
Pentachlorophenol	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 18:36	AK
Pentachlorophenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 19:39	AK
Phenanthrene	**20.8**		0.710	1.42	20	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 8/26 16:54	AK
Phenol	ND		0.0710	0.142	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 18:36	AK
Pyrene	**6.84**		0.710	1.42	20	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 8/26 16:54	AK
Pyridine	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 19:39	AK

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*48.0 %*		*30-130*	*EPA 8270E*	*1/ 7/26 18:36*
Surrogate: SURR: 2-Fluorophenol	*44.8 %*		*10-90.9*	*EPA 8270E/1311*	*12/31/25 19:39*
Surrogate: SURR: Phenol-d6	*46.0 %*		*30-130*	*EPA 8270E*	*1/ 7/26 18:36*
Surrogate: SURR: Phenol-d6	*36.2 %*		*10-69.2*	*EPA 8270E/1311*	*12/31/25 19:39*
Surrogate: SURR: Nitrobenzene-d5	*77.4 %*		*30-130*	*EPA 8270E*	*1/ 7/26 18:36*
Surrogate: SURR: Nitrobenzene-d5	*53.4 %*		*19.2-141*	*EPA 8270E/1311*	*12/31/25 19:39*
Surrogate: SURR: 2-Fluorobiphenyl	*40.7 %*		*24.8-127*	*EPA 8270E/1311*	*12/31/25 19:39*
Surrogate: SURR: 2-Fluorobiphenyl	*61.2 %*		*30-130*	*EPA 8270E*	*1/ 7/26 18:36*
Surrogate: SURR: 2,4,6-Tribromophenol	*90.5 %*		*30-130*	*EPA 8270E*	*1/ 7/26 18:36*
Surrogate: SURR: 2,4,6-Tribromophenol	*45.1 %*		*23-163*	*EPA 8270E/1311*	*12/31/25 19:39*
Surrogate: SURR: Terphenyl-d14	*85.8 %*		*30-130*	*EPA 8270E*	*1/ 7/26 18:36*
Surrogate: SURR: Terphenyl-d14	*68.6 %*		*25.8-110*	*EPA 8270E/1311*	*12/31/25 19:39*

Client:	Tenen Environmental	**Sample ID:**	**25L1381-01**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-1 (13-14)	**Collection Date/Time:**	12/23/25 10:00

Lab ID: **25L1381-01** **Laboratory:** ALS Environmental - Stratford
Analysis: **Gas Chromatography/Flame Ionization Detector** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 3550C

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Total Petroleum Hydrocarbons-DRO	**1690**		5.74	16.9	1	mg/kg dry	EPA 8015D	12/31/25 8:23	1/3/26 18:05	GXB
Total Petroleum Hydrocarbons-GRO	ND		131	131	100	mg/kg dry	EPA 8015D	12/31/25 9:00	12/31/25 12:10	scb
Total Petroleum Hydrocarbons-ORO	**513**		5.74	16.9	1	mg/kg dry	EPA 8015D	12/31/25 8:23	1/3/26 18:05	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: p-Bromofluorobenzene	*78.5 %*		*52-146*	*EPA 8015D*	*12/31/25 12:10*
Surrogate: Triacontane	*87.4 %*		*30-150*	*EPA 8015D*	*1/3/26 18:05*
Surrogate: Triacontane	*87.4 %*		*30-150*	*EPA 8015D*	*1/3/26 18:05*

Lab ID: **25L1381-01** **Laboratory:** ALS Environmental - Stratford
Analysis: **Miscellaneous Physical Parameters** **Matrix:** Soil
Prep Method: Sample Prepared by Method: % Solids Prep

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* % Solids	**58.7**		0.100	0.100	1	%	SM 2540G	12/29/25 12:41	12/29/25 14:13	BF

Lab ID: **25L1381-01** **Laboratory:** ALS Environmental - Stratford
Analysis: **Leachate Preparations** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERI **Sample Notes:** EXT-Temp

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
TCLP Extraction	Completed		1.00	1.00	1	N/A	EPA 1311	12/30/25 15:42	12/31/25 10:00	TAJ
TCLP Extraction	Completed		1.00	1.00	1	N/A	EPA 1311	12/30/25 15:38	12/31/25 10:00	TAJ

Client:	Tenen Environmental	**Sample ID:**	**25L1381-02**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-2 (26-27)	**Collection Date/Time:**	12/23/25 12:55

Lab ID: **25L1381-02** **Laboratory:** ALS Environmental - Stratford
Analysis: **Volatile Organic Compounds by GC/MS** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 5035A

Client:	Tenen Environmental	**Sample ID:**	**25L1381-02**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-2 (26-27)	**Collection Date/Time:**	12/23/25 12:55

Lab ID:	**25L1381-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
1,1,1-Trichloroethane	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
1,1,2,2-Tetrachloroethane	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
1,1,2-Trichloroethane	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
1,1-Dichloroethane	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
1,1-Dichloroethylene	ND	CCVE	0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
1,1-Dichloropropylene	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
1,2,3-Trichlorobenzene	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
1,2,3-Trichloropropane	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
1,2,4-Trichlorobenzene	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
1,2,4-Trimethylbenzene	**0.041**		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
1,2-Dibromo-3-chloropropane	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
1,2-Dibromoethane	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
1,2-Dichlorobenzene	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
1,2-Dichloroethane	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
1,2-Dichloropropane	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
1,3,5-Trimethylbenzene	**0.0091**		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
1,3-Dichlorobenzene	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
1,3-Dichloropropane	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
1,4-Dichlorobenzene	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
2,2-Dichloropropane	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
2-Butanone	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
2-Chlorotoluene	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
2-Hexanone	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
4-Chlorotoluene	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
4-Methyl-2-pentanone	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Acetone	**0.010**	J	0.0060	0.012	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Acrolein	ND	CCVE	0.0060	0.012	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Acrylonitrile	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Benzene	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Bromobenzene	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Bromochloromethane	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Bromodichloromethane	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Bromoform	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Bromomethane	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Carbon disulfide	**0.0068**	QL-02	0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Carbon tetrachloride	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Chlorobenzene	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Chloroethane	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Chloroform	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Chloromethane	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
cis-1,2-Dichloroethylene	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
cis-1,3-Dichloropropylene	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS

Client:	Tenen Environmental	**Sample ID:**	**25L1381-02**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-2 (26-27)	**Collection Date/Time:**	12/23/25 12:55

Lab ID:	**25L1381-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Cyclohexane	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Dibromochloromethane	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Dibromomethane	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Dichlorodifluoromethane	ND	CCVE	0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Ethyl Benzene	**0.025**		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Hexachlorobutadiene	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Isopropylbenzene	**0.013**	CCVE	0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Methyl acetate	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Methyl tert-butyl ether (MTBE)	ND	ICVE	0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Methylcyclohexane	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
* Methylene chloride	ND		0.0060	0.012	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
n-Butylbenzene	ND	QL-02	0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
n-Propylbenzene	**0.013**		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
o-Xylene	**0.0032**	J	0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
p- & m- Xylenes	ND		0.0060	0.012	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
p-Isopropyltoluene	**0.043**		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
sec-Butylbenzene	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Styrene	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
tert-Butyl alcohol (TBA)	ND		0.015	0.030	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
tert-Butylbenzene	**0.0052**	J	0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Tetrachloroethylene	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Toluene	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
trans-1,2-Dichloroethylene	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
trans-1,3-Dichloropropylene	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Trichloroethylene	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Trichlorofluoromethane	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Vinyl acetate	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Vinyl Chloride	ND		0.0030	0.0060	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS
Xylenes, Total	ND		0.0089	0.018	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:27	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*104 %*		*77-125*	*EPA 8260D*	*1/3/26 17:27*
Surrogate: SURR: Toluene-d8	*108 %*		*85-120*	*EPA 8260D*	*1/3/26 17:27*
Surrogate: SURR: p-Bromofluorobenzene	*116 %*		*76-130*	*EPA 8260D*	*1/3/26 17:27*

Client:	Tenen Environmental	**Sample ID:**	**25L1381-02**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-2 (26-27)	**Collection Date/Time:**	12/23/25 12:55

Lab ID: **25L1381-02** **Laboratory:** ALS Environmental - Stratford
Analysis: **Volatile Organic Compounds by GC/MS TCLP** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 5030B/1312

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1-Dichloroethylene	ND	CAL-E	0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 10:38	PRS
1,2-Dichloroethane	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 10:38	PRS
1,4-Dichlorobenzene	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 10:38	PRS
2-Butanone	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 10:38	PRS
Benzene	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 10:38	PRS
Carbon tetrachloride	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 10:38	PRS
Chlorobenzene	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 10:38	PRS
Chloroform	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 10:38	PRS
Tetrachloroethylene	ND	ICVE	0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 10:38	PRS
Trichloroethylene	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 10:38	PRS
Vinyl Chloride	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 10:38	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*106 %*		*65-135*	*EPA 8260D/1311*	*1/3/26 10:38*
Surrogate: SURR: Toluene-d8	*98.6 %*		*86-118*	*EPA 8260D/1311*	*1/3/26 10:38*
Surrogate: SURR: p-Bromofluorobenzene	*101 %*		*84.2-124*	*EPA 8260D/1311*	*1/3/26 10:38*

Lab ID: **25L1381-02** **Laboratory:** ALS Environmental - Stratford
Analysis: **Semivolatile Organic Compounds by GC/MS** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 3550C

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1-Biphenyl	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
1,2,4,5-Tetrachlorobenzene	ND		0.115	0.229	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
1,4-Dichlorobenzene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 21:32	AK
2,3,4,6-Tetrachlorophenol	ND		0.115	0.229	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
2,4,5-Trichlorophenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 21:32	AK
2,4,5-Trichlorophenol	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
2,4,6-Trichlorophenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 21:32	AK
2,4,6-Trichlorophenol	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
2,4-Dichlorophenol	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
2,4-Dimethylphenol	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
2,4-Dinitrophenol	ND		0.115	0.229	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK

Client:	Tenen Environmental	**Sample ID:**	**25L1381-02**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-2 (26-27)	**Collection Date/Time:**	12/23/25 12:55

Lab ID:	**25L1381-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
2,4-Dinitrotoluene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 21:32	AK
2,4-Dinitrotoluene	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
2,6-Dinitrotoluene	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
2-Chloronaphthalene	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
2-Chlorophenol	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
2-Methylnaphthalene	**2.31**		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
2-Methylphenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 21:32	AK
2-Methylphenol	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
2-Nitroaniline	ND		0.115	0.229	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
2-Nitrophenol	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
* 3- & 4-Methylphenols	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 21:32	AK
* 3- & 4-Methylphenols	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
3,3-Dichlorobenzidine	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
3-Nitroaniline	ND		0.115	0.229	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
4,6-Dinitro-2-methylphenol	ND		0.115	0.229	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
4-Bromophenyl phenyl ether	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
4-Chloro-3-methylphenol	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
4-Chloroaniline	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
4-Chlorophenyl phenyl ether	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
4-Nitroaniline	ND		0.115	0.229	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
4-Nitrophenol	ND		0.115	0.229	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
Acenaphthene	**0.455**		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
Acenaphthylene	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
Acetophenone	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
Anthracene	**0.343**		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
Atrazine	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
Benzaldehyde	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
Benzo(a)anthracene	**0.0871**	J	0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
Benzo(a)pyrene	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
Benzo(b)fluoranthene	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
Benzo(g,h,i)perylene	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
Benzo(k)fluoranthene	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
Benzyl butyl phthalate	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
Bis(2-chloroethoxy)methane	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
Bis(2-chloroethyl)ether	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
Bis(2-chloroisopropyl)ether	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
Bis(2-ethylhexyl)phthalate	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
Caprolactam	ND		0.115	0.229	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
Carbazole	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
Chrysene	**0.0835**	J	0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
* Cresols, total	ND		0.0200	0.0300	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 21:32	AK
Dibenzo(a,h)anthracene	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK
Dibenzofuran	**0.101**	J	0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:10	AK

Client:	Tenen Environmental	**Sample ID:**	**25L1381-02**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-2 (26-27)	**Collection Date/Time:**	12/23/25 12:55

Lab ID:	**25L1381-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Diethyl phthalate	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:10	AK
Dimethyl phthalate	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:10	AK
Di-n-butyl phthalate	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:10	AK
Di-n-octyl phthalate	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:10	AK
Fluoranthene	**0.218**		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:10	AK
Fluorene	**0.453**		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:10	AK
Hexachlorobenzene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 21:32	AK
Hexachlorobenzene	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:10	AK
Hexachlorobutadiene	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:10	AK
Hexachlorobutadiene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 21:32	AK
Hexachlorocyclopentadiene	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:10	AK
Hexachloroethane	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:10	AK
Hexachloroethane	ND		0.00250	0.00500	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 21:32	AK
Indeno(1,2,3-cd)pyrene	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:10	AK
Isophorone	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:10	AK
Naphthalene	**3.13**		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:10	AK
Nitrobenzene	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:10	AK
Nitrobenzene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 21:32	AK
N-nitroso-di-n-propylamine	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:10	AK
N-Nitrosodiphenylamine	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:10	AK
Pentachlorophenol	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:10	AK
Pentachlorophenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 21:32	AK
Phenanthrene	**1.29**		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:10	AK
Phenol	ND		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:10	AK
Pyrene	**0.351**		0.0575	0.115	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:10	AK
Pyridine	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 21:32	AK

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*51.2 %*		*30-130*	*EPA 8270E*	*1/ 7/26 19:10*
Surrogate: SURR: 2-Fluorophenol	*34.5 %*		*10-90.9*	*EPA 8270E/1311*	*12/31/25 21:32*
Surrogate: SURR: Phenol-d6	*47.6 %*		*30-130*	*EPA 8270E*	*1/ 7/26 19:10*
Surrogate: SURR: Phenol-d6	*24.2 %*		*10-69.2*	*EPA 8270E/1311*	*12/31/25 21:32*
Surrogate: SURR: Nitrobenzene-d5	*75.3 %*		*30-130*	*EPA 8270E*	*1/ 7/26 19:10*
Surrogate: SURR: Nitrobenzene-d5	*45.6 %*		*19.2-141*	*EPA 8270E/1311*	*12/31/25 21:32*
Surrogate: SURR: 2-Fluorobiphenyl	*56.6 %*		*30-130*	*EPA 8270E*	*1/ 7/26 19:10*
Surrogate: SURR: 2-Fluorobiphenyl	*42.7 %*		*24.8-127*	*EPA 8270E/1311*	*12/31/25 21:32*
Surrogate: SURR: 2,4,6-Tribromophenol	*84.0 %*		*30-130*	*EPA 8270E*	*1/ 7/26 19:10*
Surrogate: SURR: 2,4,6-Tribromophenol	*61.8 %*		*23-163*	*EPA 8270E/1311*	*12/31/25 21:32*
Surrogate: SURR: Terphenyl-d14	*77.4 %*		*30-130*	*EPA 8270E*	*1/ 7/26 19:10*

Client:	Tenen Environmental	**Sample ID:**	**25L1381-02**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-2 (26-27)	**Collection Date/Time:**	12/23/25 12:55

Lab ID:	**25L1381-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311		

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: Terphenyl-d14	*67.0 %*		*25.8-110*	*EPA 8270E/1311*	*12/31/25 21:32*

Lab ID:	**25L1381-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Gas Chromatography/Flame Ionization Detector**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Total Petroleum Hydrocarbons-DRO	**184**		4.60	13.5	1	mg/kg dry	EPA 8015D	1/6/26 9:38	1/ 7/26 19:20	GXB
Total Petroleum Hydrocarbons-GRO	ND		87.2	87.2	100	mg/kg dry	EPA 8015D	12/30/25 17:47	12/30/25 23:06	scb
Total Petroleum Hydrocarbons-ORO	**34.6**		4.60	13.5	1	mg/kg dry	EPA 8015D	1/6/26 9:38	1/ 7/26 19:20	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: p-Bromofluorobenzene	*85.0 %*		*52-146*	*EPA 8015D*	*12/30/25 23:06*
Surrogate: Triacontane	*62.9 %*		*30-150*	*EPA 8015D*	*1/ 7/26 19:20*
Surrogate: Triacontane	*62.9 %*		*30-150*	*EPA 8015D*	*1/ 7/26 19:20*

Lab ID:	**25L1381-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Miscellaneous Physical Parameters**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: % Solids Prep		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* % Solids	**72.5**		0.100	0.100	1	%	SM 2540G	12/29/25 12:41	12/29/25 14:13	BF

Lab ID:	**25L1381-02**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Leachate Preparations**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERI	**Sample Notes:**	EXT-Temp

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
TCLP Extraction	Completed		1.00	1.00	1	N/A	EPA 1311	12/30/25 15:42	12/31/25 10:00	TAJ
TCLP Extraction	Completed		1.00	1.00	1	N/A	EPA 1311	12/30/25 15:38	12/31/25 10:00	TAJ

Client:	Tenen Environmental	**Sample ID:**	**25L1381-03**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-3 (27-28)	**Collection Date/Time:**	12/23/25 13:30

Lab ID:	**25L1381-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
1,1,1-Trichloroethane	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
1,1,2,2-Tetrachloroethane	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
1,1,2-Trichloroethane	ND	QL-02	0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
1,1-Dichloroethane	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
1,1-Dichloroethylene	ND	CAL-E, CCVE	0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
1,1-Dichloropropylene	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
1,2,3-Trichlorobenzene	ND	QL-02	0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
1,2,3-Trichloropropane	ND	QL-02	0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
1,2,4-Trichlorobenzene	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
1,2,4-Trimethylbenzene	**64**		1.8	3.7	500	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 6/26 16:00	PRS
1,2-Dibromo-3-chloropropane	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
1,2-Dibromoethane	ND	QL-02	0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
1,2-Dichlorobenzene	ND	QL-02	0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
1,2-Dichloroethane	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
1,2-Dichloropropane	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
1,3,5-Trimethylbenzene	**0.13**		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
1,3-Dichlorobenzene	ND	QL-02	0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
1,3-Dichloropropane	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
1,4-Dichlorobenzene	ND	QL-02	0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
2,2-Dichloropropane	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
2-Butanone	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
2-Chlorotoluene	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
2-Hexanone	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
4-Chlorotoluene	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
4-Methyl-2-pentanone	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Acetone	**0.030**	CCVE	0.0068	0.014	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Acrolein	ND	CCVE	0.0068	0.014	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Acrylonitrile	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Benzene	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Bromobenzene	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Bromochloromethane	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Bromodichloromethane	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Bromoform	ND	QL-02	0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Bromomethane	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Carbon disulfide	**0.0070**	QL-02	0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Carbon tetrachloride	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Chlorobenzene	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Chloroethane	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Chloroform	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Chloromethane	ND	CCVE	0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
cis-1,2-Dichloroethylene	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS

Client:	Tenen Environmental	**Sample ID:**	**25L1381-03**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-3 (27-28)	**Collection Date/Time:**	12/23/25 13:30

Lab ID:	**25L1381-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
cis-1,3-Dichloropropylene	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Cyclohexane	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Dibromochloromethane	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Dibromomethane	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Dichlorodifluoromethane	ND	CAL-E, CCVE	0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Ethyl Benzene	**0.20**		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Hexachlorobutadiene	ND	QL-02	0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Isopropylbenzene	**0.12**		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Methyl acetate	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Methyl tert-butyl ether (MTBE)	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Methylcyclohexane	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
* Methylene chloride	ND		0.0068	0.014	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
n-Butylbenzene	**0.10**		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
n-Propylbenzene	**0.26**		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
o-Xylene	**0.047**		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
p- & m- Xylenes	**0.057**		0.0068	0.014	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
p-Isopropyltoluene	**0.096**		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
sec-Butylbenzene	**0.012**		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Styrene	ND	QL-02	0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
tert-Butyl alcohol (TBA)	ND		0.017	0.034	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
tert-Butylbenzene	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Tetrachloroethylene	ND	CCVE, ICVE, QL-02	0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Toluene	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
trans-1,2-Dichloroethylene	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
trans-1,3-Dichloropropylene	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Trichloroethylene	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Trichlorofluoromethane	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Vinyl acetate	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Vinyl Chloride	ND		0.0034	0.0068	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS
Xylenes, Total	**0.10**		0.010	0.020	1	mg/kg dry	EPA 8260D	1/5/26 9:22	1/ 5/26 13:30	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*108 %*		*77-125*	*EPA 8260D*	*1/ 5/26 13:30*
Surrogate: SURR: Toluene-d8	*97.4 %*		*85-120*	*EPA 8260D*	*1/ 5/26 13:30*
Surrogate: SURR: p-Bromofluorobenzene	*92.3 %*		*76-130*	*EPA 8260D*	*1/ 5/26 13:30*

Client:	Tenen Environmental	**Sample ID:**	**25L1381-03**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-3 (27-28)	**Collection Date/Time:**	12/23/25 13:30

Lab ID: **25L1381-03** **Laboratory:** ALS Environmental - Stratford
Analysis: **Volatile Organic Compounds by GC/MS TCLP** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 5030B/1312

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1-Dichloroethylene	ND	CAL-E	0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 11:05	PRS
1,2-Dichloroethane	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 11:05	PRS
1,4-Dichlorobenzene	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 11:05	PRS
2-Butanone	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 11:05	PRS
Benzene	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 11:05	PRS
Carbon tetrachloride	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 11:05	PRS
Chlorobenzene	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 11:05	PRS
Chloroform	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 11:05	PRS
Tetrachloroethylene	ND	ICVE	0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 11:05	PRS
Trichloroethylene	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 11:05	PRS
Vinyl Chloride	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 11:05	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*106 %*		*65-135*	*EPA 8260D/1311*	*1/3/26 11:05*
Surrogate: SURR: Toluene-d8	*99.7 %*		*86-118*	*EPA 8260D/1311*	*1/3/26 11:05*
Surrogate: SURR: p-Bromofluorobenzene	*96.9 %*		*84.2-124*	*EPA 8260D/1311*	*1/3/26 11:05*

Lab ID: **25L1381-03** **Laboratory:** ALS Environmental - Stratford
Analysis: **Semivolatile Organic Compounds by GC/MS** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 3550C

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1-Biphenyl	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
1,2,4,5-Tetrachlorobenzene	ND		0.134	0.268	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
1,4-Dichlorobenzene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:03	AK
2,3,4,6-Tetrachlorophenol	ND		0.134	0.268	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
2,4,5-Trichlorophenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:03	AK
2,4,5-Trichlorophenol	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
2,4,6-Trichlorophenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:03	AK
2,4,6-Trichlorophenol	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
2,4-Dichlorophenol	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
2,4-Dimethylphenol	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
2,4-Dinitrophenol	ND		0.134	0.268	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK

Client:	Tenen Environmental	**Sample ID:**	**25L1381-03**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-3 (27-28)	**Collection Date/Time:**	12/23/25 13:30

Lab ID:	**25L1381-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311	**Sample Notes:**	EXT-EM

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
2,4-Dinitrotoluene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:03	AK
2,4-Dinitrotoluene	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
2,6-Dinitrotoluene	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
2-Chloronaphthalene	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
2-Chlorophenol	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
2-Methylnaphthalene	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
2-Methylphenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:03	AK
2-Methylphenol	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
2-Nitroaniline	ND		0.134	0.268	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
2-Nitrophenol	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
* 3- & 4-Methylphenols	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
* 3- & 4-Methylphenols	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:03	AK
3,3-Dichlorobenzidine	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
3-Nitroaniline	ND		0.134	0.268	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
4,6-Dinitro-2-methylphenol	ND		0.134	0.268	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
4-Bromophenyl phenyl ether	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
4-Chloro-3-methylphenol	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
4-Chloroaniline	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
4-Chlorophenyl phenyl ether	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
4-Nitroaniline	ND		0.134	0.268	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
4-Nitrophenol	ND		0.134	0.268	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
Acenaphthene	**7.86**		0.672	1.34	20	mg/kg dry	EPA 8270E	1/6/26 8:55	1/8/26 17:25	AK
Acenaphthylene	**0.418**		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
Acetophenone	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
Anthracene	**4.00**		0.672	1.34	20	mg/kg dry	EPA 8270E	1/6/26 8:55	1/8/26 17:25	AK
Atrazine	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
Benzaldehyde	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
Benzo(a)anthracene	**1.05**		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
Benzo(a)pyrene	**0.524**		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
Benzo(b)fluoranthene	**0.262**		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
Benzo(g,h,i)perylene	**0.154**		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
Benzo(k)fluoranthene	**0.283**		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
Benzyl butyl phthalate	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
Bis(2-chloroethoxy)methane	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
Bis(2-chloroethyl)ether	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
Bis(2-chloroisopropyl)ether	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
Bis(2-ethylhexyl)phthalate	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
Caprolactam	ND		0.134	0.268	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
Carbazole	**0.0985**	J	0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
Chrysene	**1.05**		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
* Cresols, total	ND		0.0200	0.0300	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:03	AK
Dibenzo(a,h)anthracene	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK
Dibenzofuran	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 19:44	AK

Client:	Tenen Environmental	**Sample ID:**	**25L1381-03**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-3 (27-28)	**Collection Date/Time:**	12/23/25 13:30

Lab ID:	**25L1381-03**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Diethyl phthalate	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:44	AK
Dimethyl phthalate	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:44	AK
Di-n-butyl phthalate	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:44	AK
Di-n-octyl phthalate	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:44	AK
Fluoranthene	**2.57**		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:44	AK
Fluorene	**6.87**		0.672	1.34	20	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 8/26 17:25	AK
Hexachlorobenzene	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:44	AK
Hexachlorobenzene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:03	AK
Hexachlorobutadiene	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:44	AK
Hexachlorobutadiene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:03	AK
Hexachlorocyclopentadiene	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:44	AK
Hexachloroethane	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:44	AK
Hexachloroethane	ND		0.00250	0.00500	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:03	AK
Indeno(1,2,3-cd)pyrene	**0.168**		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:44	AK
Isophorone	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:44	AK
Naphthalene	**0.152**		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:44	AK
Nitrobenzene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:03	AK
Nitrobenzene	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:44	AK
N-nitroso-di-n-propylamine	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:44	AK
N-Nitrosodiphenylamine	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:44	AK
Pentachlorophenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:03	AK
Pentachlorophenol	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:44	AK
Phenanthrene	**14.4**		0.672	1.34	20	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 8/26 17:25	AK
Phenol	ND		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:44	AK
Pyrene	**4.26**		0.0672	0.134	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 19:44	AK
Pyridine	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:03	AK

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*36.4 %*		*10-90.9*	*EPA 8270E/1311*	*12/31/25 22:03*
Surrogate: SURR: 2-Fluorophenol	*39.1 %*		*30-130*	*EPA 8270E*	*1/ 7/26 19:44*
Surrogate: SURR: Phenol-d6	*25.7 %*		*10-69.2*	*EPA 8270E/1311*	*12/31/25 22:03*
Surrogate: SURR: Phenol-d6	*37.8 %*		*30-130*	*EPA 8270E*	*1/ 7/26 19:44*
Surrogate: SURR: Nitrobenzene-d5	*45.0 %*		*19.2-141*	*EPA 8270E/1311*	*12/31/25 22:03*
Surrogate: SURR: Nitrobenzene-d5	*55.5 %*		*30-130*	*EPA 8270E*	*1/ 7/26 19:44*
Surrogate: SURR: 2-Fluorobiphenyl	*44.9 %*		*24.8-127*	*EPA 8270E/1311*	*12/31/25 22:03*
Surrogate: SURR: 2-Fluorobiphenyl	*44.9 %*		*30-130*	*EPA 8270E*	*1/ 7/26 19:44*
Surrogate: SURR: 2,4,6-Tribromophenol	*64.1 %*		*23-163*	*EPA 8270E/1311*	*12/31/25 22:03*
Surrogate: SURR: 2,4,6-Tribromophenol	*57.3 %*		*30-130*	*EPA 8270E*	*1/ 7/26 19:44*
Surrogate: SURR: Terphenyl-d14	*62.9 %*		*25.8-110*	*EPA 8270E/1311*	*12/31/25 22:03*

Client:	Tenen Environmental	**Sample ID:**	**25L1381-03**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-3 (27-28)	**Collection Date/Time:**	12/23/25 13:30

Lab ID: **25L1381-03** **Laboratory:** ALS Environmental - Stratford
Analysis: **Semivolatile Organic Compounds by GC/MS** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 3550C

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: Terphenyl-d14	*56.5 %*		*30-130*	*EPA 8270E*	*1/ 7/26 19:44*

Lab ID: **25L1381-03** **Laboratory:** ALS Environmental - Stratford
Analysis: **Gas Chromatography/Flame Ionization Detector** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 3550C

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Total Petroleum Hydrocarbons-DRO	**1040**		5.43	16.0	1	mg/kg dry	EPA 8015D	12/31/25 8:23	1/ 3/26 19:03	GXB
Total Petroleum Hydrocarbons-GRO	**1080**		117	117	100	mg/kg dry	EPA 8015D	12/30/25 17:47	12/31/25 00:26	scb
Total Petroleum Hydrocarbons-ORO	**228**		5.43	16.0	1	mg/kg dry	EPA 8015D	12/31/25 8:23	1/ 3/26 19:03	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: p-Bromofluorobenzene	*82.6 %*		*52-146*	*EPA 8015D*	*12/31/25 00:26*
Surrogate: Triacontane	*59.4 %*		*30-150*	*EPA 8015D*	*1/ 3/26 19:03*
Surrogate: Triacontane	*59.4 %*		*30-150*	*EPA 8015D*	*1/ 3/26 19:03*

Lab ID: **25L1381-03** **Laboratory:** ALS Environmental - Stratford
Analysis: **Miscellaneous Physical Parameters** **Matrix:** Soil
Prep Method: Sample Prepared by Method: % Solids Prep

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* % Solids	**62.0**		0.100	0.100	1	%	SM 2540G	12/29/25 12:41	12/29/25 14:13	BF

Lab ID: **25L1381-03** **Laboratory:** ALS Environmental - Stratford
Analysis: **Leachate Preparations** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA **Sample Notes:** EXT-Temp

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
TCLP Extraction	Completed		1.00	1.00	1	N/A	EPA 1311	12/30/25 15:38	12/31/25 10:00	TAJ
TCLP Extraction	Completed		1.00	1.00	1	N/A	EPA 1311	12/30/25 15:42	12/31/25 10:00	TAJ

Client:	Tenen Environmental	**Sample ID:**	**25L1381-04**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-4 (23-24)	**Collection Date/Time:**	12/23/25 14:00

Lab ID:	**25L1381-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
1,1,1-Trichloroethane	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
1,1,2,2-Tetrachloroethane	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
1,1,2-Trichloro-1,2,2-trifluoroeth ane (Freon 113)	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
1,1,2-Trichloroethane	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
1,1-Dichloroethane	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
1,1-Dichloroethylene	ND	CCVE	0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
1,1-Dichloropropylene	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
1,2,3-Trichlorobenzene	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
1,2,3-Trichloropropane	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
1,2,4-Trichlorobenzene	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
1,2,4-Trimethylbenzene	**12**		0.53	1.1	100	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 5/26 14:47	PRS
1,2-Dibromo-3-chloropropane	**0.011**		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
1,2-Dibromoethane	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
1,2-Dichlorobenzene	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
1,2-Dichloroethane	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
1,2-Dichloropropane	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
1,3,5-Trimethylbenzene	**0.13**		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
1,3-Dichlorobenzene	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
1,3-Dichloropropane	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
1,4-Dichlorobenzene	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
2,2-Dichloropropane	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
2-Butanone	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
2-Chlorotoluene	**0.031**		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
2-Hexanone	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
4-Chlorotoluene	**0.038**		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
4-Methyl-2-pentanone	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
Acetone	**0.047**	CCVE	0.010	0.020	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
Acrolein	ND	CCVE	0.010	0.020	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
Acrylonitrile	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
Benzene	**0.017**		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
Bromobenzene	**0.036**		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
Bromochloromethane	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
Bromodichloromethane	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
Bromoform	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
Bromomethane	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
Carbon disulfide	**0.0086**	J	0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
Carbon tetrachloride	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
Chlorobenzene	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
Chloroethane	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
Chloroform	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
Chloromethane	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
cis-1,2-Dichloroethylene	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS
cis-1,3-Dichloropropylene	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/ 3/26 17:56	PRS

Client:	Tenen Environmental	**Sample ID:**	**25L1381-04**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-4 (23-24)	**Collection Date/Time:**	12/23/25 14:00

Lab ID:	**25L1381-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Cyclohexane	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
Dibromochloromethane	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
Dibromomethane	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
Dichlorodifluoromethane	ND	CCVE	0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
Ethyl Benzene	**4.8**		0.53	1.1	100	mg/kg dry	EPA 8260D	1/3/26 9:04	1/5/26 14:47	PRS
Hexachlorobutadiene	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
Isopropylbenzene	**0.28**	CCVE	0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
Methyl acetate	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
Methyl tert-butyl ether (MTBE)	ND	ICVE	0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
Methylcyclohexane	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
* Methylene chloride	ND		0.010	0.020	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
n-Butylbenzene	**0.065**	CCVE, QL-02	0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
n-Propylbenzene	**0.35**		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
o-Xylene	**0.11**		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
p- & m- Xylenes	**0.064**		0.010	0.020	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
p-Isopropyltoluene	**0.12**		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
sec-Butylbenzene	**0.61**		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
Styrene	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
tert-Butyl alcohol (TBA)	ND		0.025	0.050	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
tert-Butylbenzene	**0.12**		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
Tetrachloroethylene	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
Toluene	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
trans-1,2-Dichloroethylene	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
trans-1,3-Dichloropropylene	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
Trichloroethylene	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
Trichlorofluoromethane	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
Vinyl acetate	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
Vinyl Chloride	ND		0.0050	0.010	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS
Xylenes, Total	**0.18**		0.015	0.030	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 17:56	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*110 %*		*77-125*	*EPA 8260D*	*1/3/26 17:56*
Surrogate: SURR: Toluene-d8	*112 %*		*85-120*	*EPA 8260D*	*1/3/26 17:56*
Surrogate: SURR: p-Bromofluorobenzene	*89.5 %*		*76-130*	*EPA 8260D*	*1/3/26 17:56*

Client:	Tenen Environmental	**Sample ID:**	**25L1381-04**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-4 (23-24)	**Collection Date/Time:**	12/23/25 14:00

Lab ID: **25L1381-04** **Laboratory:** ALS Environmental - Stratford
Analysis: **Volatile Organic Compounds by GC/MS TCLP** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 5030B/1312

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1-Dichloroethylene	ND	CAL-E	0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 11:33	PRS
1,2-Dichloroethane	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 11:33	PRS
1,4-Dichlorobenzene	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 11:33	PRS
2-Butanone	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 11:33	PRS
Benzene	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 11:33	PRS
Carbon tetrachloride	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 11:33	PRS
Chlorobenzene	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 11:33	PRS
Chloroform	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 11:33	PRS
Tetrachloroethylene	ND	ICVE	0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 11:33	PRS
Trichloroethylene	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 11:33	PRS
Vinyl Chloride	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 11:33	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*106 %*		*65-135*	*EPA 8260D/1311*	*1/3/26 11:33*
Surrogate: SURR: Toluene-d8	*93.1 %*		*86-118*	*EPA 8260D/1311*	*1/3/26 11:33*
Surrogate: SURR: p-Bromofluorobenzene	*101 %*		*84.2-124*	*EPA 8260D/1311*	*1/3/26 11:33*

Lab ID: **25L1381-04** **Laboratory:** ALS Environmental - Stratford
Analysis: **Semivolatile Organic Compounds by GC/MS** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 3550C

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1-Biphenyl	ND		0.835	1.67	20	mg/kg dry	EPA 8270E	1/6/26 8:55	1/8/26 17:55	AK
1,2,4,5-Tetrachlorobenzene	ND		0.167	0.333	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
1,4-Dichlorobenzene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:34	AK
2,3,4,6-Tetrachlorophenol	ND		0.167	0.333	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
2,4,5-Trichlorophenol	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
2,4,5-Trichlorophenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:34	AK
2,4,6-Trichlorophenol	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
2,4,6-Trichlorophenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:34	AK
2,4-Dichlorophenol	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
2,4-Dimethylphenol	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
2,4-Dinitrophenol	ND		0.167	0.333	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK

Client:	Tenen Environmental	**Sample ID:**	**25L1381-04**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-4 (23-24)	**Collection Date/Time:**	12/23/25 14:00

Lab ID:	**25L1381-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
2,4-Dinitrotoluene	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
2,4-Dinitrotoluene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:34	AK
2,6-Dinitrotoluene	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
2-Chloronaphthalene	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
2-Chlorophenol	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
2-Methylnaphthalene	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
2-Methylphenol	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
2-Methylphenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:34	AK
2-Nitroaniline	ND		0.167	0.333	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
2-Nitrophenol	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
* 3- & 4-Methylphenols	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
* 3- & 4-Methylphenols	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:34	AK
3,3-Dichlorobenzidine	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
3-Nitroaniline	ND		0.167	0.333	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
4,6-Dinitro-2-methylphenol	ND		0.167	0.333	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
4-Bromophenyl phenyl ether	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
4-Chloro-3-methylphenol	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
4-Chloroaniline	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
4-Chlorophenyl phenyl ether	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
4-Nitroaniline	ND		0.167	0.333	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
4-Nitrophenol	ND		0.167	0.333	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
Acenaphthene	**20.1**		0.835	1.67	20	mg/kg dry	EPA 8270E	1/6/26 8:55	1/8/26 17:55	AK
Acenaphthylene	**0.673**		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
Acetophenone	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
Anthracene	**11.0**		0.835	1.67	20	mg/kg dry	EPA 8270E	1/6/26 8:55	1/8/26 17:55	AK
Atrazine	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
Benzaldehyde	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
Benzo(a)anthracene	**1.56**		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
Benzo(a)pyrene	**0.633**		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
Benzo(b)fluoranthene	**0.405**		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
Benzo(g,h,i)perylene	**0.223**		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
Benzo(k)fluoranthene	**0.456**		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
Benzyl butyl phthalate	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
Bis(2-chloroethoxy)methane	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
Bis(2-chloroethyl)ether	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
Bis(2-chloroisopropyl)ether	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
Bis(2-ethylhexyl)phthalate	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
Caprolactam	ND		0.167	0.333	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
Carbazole	**0.184**		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
Chrysene	**1.52**		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
* Cresols, total	ND		0.0200	0.0300	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:34	AK
Dibenzo(a,h)anthracene	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK
Dibenzofuran	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:18	AK

Client:	Tenen Environmental	**Sample ID:**	**25L1381-04**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-4 (23-24)	**Collection Date/Time:**	12/23/25 14:00

Lab ID:	**25L1381-04**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Diethyl phthalate	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:18	AK
Dimethyl phthalate	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:18	AK
Di-n-butyl phthalate	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:18	AK
Di-n-octyl phthalate	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:18	AK
Fluoranthene	**6.28**		0.835	1.67	20	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 8/26 17:55	AK
Fluorene	**18.7**		0.835	1.67	20	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 8/26 17:55	AK
Hexachlorobenzene	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:18	AK
Hexachlorobenzene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:34	AK
Hexachlorobutadiene	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:18	AK
Hexachlorobutadiene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:34	AK
Hexachlorocyclopentadiene	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:18	AK
Hexachloroethane	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:18	AK
Hexachloroethane	ND		0.00250	0.00500	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:34	AK
Indeno(1,2,3-cd)pyrene	**0.237**		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:18	AK
Isophorone	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:18	AK
Naphthalene	**100**		8.35	16.7	200	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 9/26 11:31	AK
Naphthalene	**3.56**		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:18	AK
Nitrobenzene	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:18	AK
Nitrobenzene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:34	AK
N-nitroso-di-n-propylamine	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:18	AK
N-Nitrosodiphenylamine	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:18	AK
Pentachlorophenol	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:18	AK
Pentachlorophenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:34	AK
Phenanthrene	**40.3**		0.835	1.67	20	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 8/26 17:55	AK
Phenol	ND		0.0835	0.167	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:18	AK
Pyrene	**9.37**		0.835	1.67	20	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 8/26 17:55	AK
Pyridine	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 22:34	AK

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*41.5 %*		*30-130*	*EPA 8270E*	*1/ 7/26 20:18*
Surrogate: SURR: 2-Fluorophenol	*35.3 %*		*10-90.9*	*EPA 8270E/1311*	*12/31/25 22:34*
Surrogate: SURR: Phenol-d6	*40.3 %*		*30-130*	*EPA 8270E*	*1/ 7/26 20:18*
Surrogate: SURR: Phenol-d6	*25.0 %*		*10-69.2*	*EPA 8270E/1311*	*12/31/25 22:34*
Surrogate: SURR: Nitrobenzene-d5	*51.7 %*		*30-130*	*EPA 8270E*	*1/ 7/26 20:18*
Surrogate: SURR: Nitrobenzene-d5	*45.8 %*		*19.2-141*	*EPA 8270E/1311*	*12/31/25 22:34*
Surrogate: SURR: 2-Fluorobiphenyl	*51.6 %*		*30-130*	*EPA 8270E*	*1/ 7/26 20:18*
Surrogate: SURR: 2-Fluorobiphenyl	*43.5 %*		*24.8-127*	*EPA 8270E/1311*	*12/31/25 22:34*
Surrogate: SURR: 2,4,6-Tribromophenol	*72.8 %*		*30-130*	*EPA 8270E*	*1/ 7/26 20:18*
Surrogate: SURR: 2,4,6-Tribromophenol	*66.6 %*		*23-163*	*EPA 8270E/1311*	*12/31/25 22:34*
Surrogate: SURR: Terphenyl-d14	*60.4 %*		*25.8-110*	*EPA 8270E/1311*	*12/31/25 22:34*

Client:	Tenen Environmental	**Sample ID:**	**25L1381-04**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-4 (23-24)	**Collection Date/Time:**	12/23/25 14:00

Lab ID: **25L1381-04** **Laboratory:** ALS Environmental - Stratford
Analysis: **Semivolatile Organic Compounds by GC/MS** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 3550C

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: Terphenyl-d14	*70.5 %*		*30-130*	*EPA 8270E*	*1/ 7/26 20:18*

Lab ID: **25L1381-04** **Laboratory:** ALS Environmental - Stratford
Analysis: **Gas Chromatography/Flame Ionization Detector** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 3550C

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Total Petroleum Hydrocarbons-DRO	**2150**		6.37	18.7	1	mg/kg dry	EPA 8015D	12/31/25 8:23	1/ 3/26 19:32	GXB
Total Petroleum Hydrocarbons-GRO	**362**		171	171	100	mg/kg dry	EPA 8015D	12/31/25 9:00	12/31/25 12:39	scb
Total Petroleum Hydrocarbons-ORO	**420**		6.37	18.7	1	mg/kg dry	EPA 8015D	12/31/25 8:23	1/ 3/26 19:32	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: p-Bromofluorobenzene	*78.1 %*		*52-146*	*EPA 8015D*	*12/31/25 12:39*
Surrogate: Triacontane	*65.2 %*		*30-150*	*EPA 8015D*	*1/ 3/26 19:32*
Surrogate: Triacontane	*65.2 %*		*30-150*	*EPA 8015D*	*1/ 3/26 19:32*

Lab ID: **25L1381-04** **Laboratory:** ALS Environmental - Stratford
Analysis: **Miscellaneous Physical Parameters** **Matrix:** Soil
Prep Method: Sample Prepared by Method: % Solids Prep

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* % Solids	**49.9**		0.100	0.100	1	%	SM 2540G	12/29/25 12:41	12/29/25 14:13	BF

Lab ID: **25L1381-04** **Laboratory:** ALS Environmental - Stratford
Analysis: **Leachate Preparations** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERI **Sample Notes:** EXT-Temp

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
TCLP Extraction	Completed		1.00	1.00	1	N/A	EPA 1311	12/30/25 15:42	12/31/25 10:00	TAJ
TCLP Extraction	Completed		1.00	1.00	1	N/A	EPA 1311	12/30/25 15:38	12/31/25 10:00	TAJ

Client:	Tenen Environmental	**Sample ID:**	**25L1381-05**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-5 (26-27)	**Collection Date/Time:**	12/23/25 15:45

Lab ID:	**25L1381-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1,1,2-Tetrachloroethane	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
1,1,1-Trichloroethane	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
1,1,2,2-Tetrachloroethane	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
1,1,2-Trichloroethane	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
1,1-Dichloroethane	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
1,1-Dichloroethylene	ND	CCVE	0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
1,1-Dichloropropylene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
1,2,3-Trichlorobenzene	**0.0038**	J	0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
1,2,3-Trichloropropane	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
1,2,4-Trichlorobenzene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
1,2,4-Trimethylbenzene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
1,2-Dibromo-3-chloropropane	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
1,2-Dibromoethane	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
1,2-Dichlorobenzene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
1,2-Dichloroethane	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
1,2-Dichloropropane	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
1,3,5-Trimethylbenzene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
1,3-Dichlorobenzene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
1,3-Dichloropropane	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
1,4-Dichlorobenzene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
2,2-Dichloropropane	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
2-Butanone	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
2-Chlorotoluene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
2-Hexanone	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
4-Chlorotoluene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
4-Methyl-2-pentanone	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Acetone	**0.019**	CCVE	0.0054	0.011	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Acrolein	ND	CCVE	0.0054	0.011	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Acrylonitrile	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Benzene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Bromobenzene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Bromochloromethane	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Bromodichloromethane	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Bromoform	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Bromomethane	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Carbon disulfide	**0.0032**	J	0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Carbon tetrachloride	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Chlorobenzene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Chloroethane	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Chloroform	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Chloromethane	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
cis-1,2-Dichloroethylene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
cis-1,3-Dichloropropylene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS

Client:	Tenen Environmental	**Sample ID:**	**25L1381-05**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-5 (26-27)	**Collection Date/Time:**	12/23/25 15:45

Lab ID:	**25L1381-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Volatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 5035A		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Cyclohexane	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Dibromochloromethane	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Dibromomethane	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Dichlorodifluoromethane	ND	CCVE	0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Ethyl Benzene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Hexachlorobutadiene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Isopropylbenzene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Methyl acetate	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Methyl tert-butyl ether (MTBE)	ND	ICVE	0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Methylcyclohexane	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
* Methylene chloride	ND		0.0054	0.011	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
n-Butylbenzene	ND	QL-02	0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
n-Propylbenzene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
o-Xylene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
p- & m- Xylenes	ND		0.0054	0.011	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
p-Isopropyltoluene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
sec-Butylbenzene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Styrene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
tert-Butyl alcohol (TBA)	ND		0.013	0.027	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
tert-Butylbenzene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Tetrachloroethylene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Toluene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
trans-1,2-Dichloroethylene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
trans-1,3-Dichloropropylene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Trichloroethylene	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Trichlorofluoromethane	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Vinyl acetate	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Vinyl Chloride	ND		0.0027	0.0054	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS
Xylenes, Total	ND		0.0081	0.016	1	mg/kg dry	EPA 8260D	1/3/26 9:04	1/3/26 16:59	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*115 %*		*77-125*	*EPA 8260D*	*1/3/26 16:59*
Surrogate: SURR: Toluene-d8	*103 %*		*85-120*	*EPA 8260D*	*1/3/26 16:59*
Surrogate: SURR: p-Bromofluorobenzene	*107 %*		*76-130*	*EPA 8260D*	*1/3/26 16:59*

Client:	Tenen Environmental	**Sample ID:**	**25L1381-05**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-5 (26-27)	**Collection Date/Time:**	12/23/25 15:45

Lab ID: **25L1381-05** **Laboratory:** ALS Environmental - Stratford
Analysis: **Volatile Organic Compounds by GC/MS TCLP** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 5030B/1312

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1-Dichloroethylene	ND	CAL-E	0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 12:00	PRS
1,2-Dichloroethane	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 12:00	PRS
1,4-Dichlorobenzene	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 12:00	PRS
2-Butanone	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 12:00	PRS
Benzene	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 12:00	PRS
Carbon tetrachloride	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 12:00	PRS
Chlorobenzene	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 12:00	PRS
Chloroform	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 12:00	PRS
Tetrachloroethylene	ND	ICVE	0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 12:00	PRS
Trichloroethylene	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 12:00	PRS
Vinyl Chloride	ND		0.025	0.050	10	mg/L	EPA 8260D/1311	1/3/26 8:00	1/3/26 12:00	PRS

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 1,2-Dichloroethane-d4	*105 %*		*65-135*	*EPA 8260D/1311*	*1/3/26 12:00*
Surrogate: SURR: Toluene-d8	*93.0 %*		*86-118*	*EPA 8260D/1311*	*1/3/26 12:00*
Surrogate: SURR: p-Bromofluorobenzene	*109 %*		*84.2-124*	*EPA 8260D/1311*	*1/3/26 12:00*

Lab ID: **25L1381-05** **Laboratory:** ALS Environmental - Stratford
Analysis: **Semivolatile Organic Compounds by GC/MS** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 3550C

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
1,1-Biphenyl	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
1,2,4,5-Tetrachlorobenzene	ND		0.218	0.436	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
1,4-Dichlorobenzene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 23:05	AK
2,3,4,6-Tetrachlorophenol	ND		0.218	0.436	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
2,4,5-Trichlorophenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 23:05	AK
2,4,5-Trichlorophenol	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
2,4,6-Trichlorophenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 23:05	AK
2,4,6-Trichlorophenol	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
2,4-Dichlorophenol	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
2,4-Dimethylphenol	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
2,4-Dinitrophenol	ND		0.218	0.436	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK

Client:	Tenen Environmental	**Sample ID:**	**25L1381-05**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-5 (26-27)	**Collection Date/Time:**	12/23/25 15:45

Lab ID:	**25L1381-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3510C/1311		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
2,4-Dinitrotoluene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 23:05	AK
2,4-Dinitrotoluene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
2,6-Dinitrotoluene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
2-Chloronaphthalene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
2-Chlorophenol	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
2-Methylnaphthalene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
2-Methylphenol	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
2-Methylphenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 23:05	AK
2-Nitroaniline	ND		0.218	0.436	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
2-Nitrophenol	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
* 3- & 4-Methylphenols	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
* 3- & 4-Methylphenols	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 23:05	AK
3,3-Dichlorobenzidine	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
3-Nitroaniline	ND		0.218	0.436	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
4,6-Dinitro-2-methylphenol	ND		0.218	0.436	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
4-Bromophenyl phenyl ether	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
4-Chloro-3-methylphenol	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
4-Chloroaniline	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
4-Chlorophenyl phenyl ether	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
4-Nitroaniline	ND		0.218	0.436	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
4-Nitrophenol	ND		0.218	0.436	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
Acenaphthene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
Acenaphthylene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
Acetophenone	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
Anthracene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
Atrazine	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
Benzaldehyde	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
Benzo(a)anthracene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
Benzo(a)pyrene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
Benzo(b)fluoranthene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
Benzo(g,h,i)perylene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
Benzo(k)fluoranthene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
Benzyl butyl phthalate	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
Bis(2-chloroethoxy)methane	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
Bis(2-chloroethyl)ether	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
Bis(2-chloroisopropyl)ether	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
Bis(2-ethylhexyl)phthalate	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
Caprolactam	ND		0.218	0.436	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
Carbazole	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
Chrysene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
* Cresols, total	ND		0.0200	0.0300	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 23:05	AK
Dibenzo(a,h)anthracene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK
Dibenzofuran	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/7/26 20:52	AK

Client:	Tenen Environmental	**Sample ID:**	**25L1381-05**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-5 (26-27)	**Collection Date/Time:**	12/23/25 15:45

Lab ID:	**25L1381-05**	**Laboratory:**	ALS Environmental - Stratford
Analysis:	**Semivolatile Organic Compounds by GC/MS**	**Matrix:**	Soil
Prep Method:	Sample Prepared by Method: EPA 3550C		

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Diethyl phthalate	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:52	AK
Dimethyl phthalate	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:52	AK
Di-n-butyl phthalate	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:52	AK
Di-n-octyl phthalate	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:52	AK
Fluoranthene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:52	AK
Fluorene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:52	AK
Hexachlorobenzene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 23:05	AK
Hexachlorobenzene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:52	AK
Hexachlorobutadiene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:52	AK
Hexachlorobutadiene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 23:05	AK
Hexachlorocyclopentadiene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:52	AK
Hexachloroethane	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:52	AK
Hexachloroethane	ND		0.00250	0.00500	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 23:05	AK
Indeno(1,2,3-cd)pyrene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:52	AK
Isophorone	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:52	AK
Naphthalene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:52	AK
Nitrobenzene	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 23:05	AK
Nitrobenzene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:52	AK
N-nitroso-di-n-propylamine	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:52	AK
N-Nitrosodiphenylamine	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:52	AK
Pentachlorophenol	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 23:05	AK
Pentachlorophenol	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:52	AK
Phenanthrene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:52	AK
Phenol	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:52	AK
Pyrene	ND		0.109	0.218	2	mg/kg dry	EPA 8270E	1/6/26 8:55	1/ 7/26 20:52	AK
Pyridine	ND		0.00500	0.0100	1	mg/L	EPA 8270E/1311	12/31/25 8:18	12/31/25 23:05	AK

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: 2-Fluorophenol	*31.3 %*		*10-90.9*	*EPA 8270E/1311*	*12/31/25 23:05*
Surrogate: SURR: 2-Fluorophenol	*44.6 %*		*30-130*	*EPA 8270E*	*1/ 7/26 20:52*
Surrogate: SURR: Phenol-d6	*21.5 %*		*10-69.2*	*EPA 8270E/1311*	*12/31/25 23:05*
Surrogate: SURR: Phenol-d6	*39.3 %*		*30-130*	*EPA 8270E*	*1/ 7/26 20:52*
Surrogate: SURR: Nitrobenzene-d5	*40.9 %*		*19.2-141*	*EPA 8270E/1311*	*12/31/25 23:05*
Surrogate: SURR: Nitrobenzene-d5	*49.8 %*		*30-130*	*EPA 8270E*	*1/ 7/26 20:52*
Surrogate: SURR: 2-Fluorobiphenyl	*37.1 %*		*24.8-127*	*EPA 8270E/1311*	*12/31/25 23:05*
Surrogate: SURR: 2-Fluorobiphenyl	*44.4 %*		*30-130*	*EPA 8270E*	*1/ 7/26 20:52*
Surrogate: SURR: 2,4,6-Tribromophenol	*58.1 %*		*23-163*	*EPA 8270E/1311*	*12/31/25 23:05*
Surrogate: SURR: 2,4,6-Tribromophenol	*67.8 %*		*30-130*	*EPA 8270E*	*1/ 7/26 20:52*
Surrogate: SURR: Terphenyl-d14	*56.5 %*		*25.8-110*	*EPA 8270E/1311*	*12/31/25 23:05*

Client:	Tenen Environmental	**Sample ID:**	**25L1381-05**
Client Project:	37 Otsego St	**Date Received:**	12/24/2025
Client Sample ID:	SB-5 (26-27)	**Collection Date/Time:**	12/23/25 15:45

Lab ID: **25L1381-05** **Laboratory:** ALS Environmental - Stratford
Analysis: **Semivolatile Organic Compounds by GC/MS** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 3550C

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: Terphenyl-d14	*69.4 %*		*30-130*	*EPA 8270E*	*1/ 7/26 20:52*

Lab ID: **25L1381-05** **Laboratory:** ALS Environmental - Stratford
Analysis: **Gas Chromatography/Flame Ionization Detector** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA 3550C

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
Total Petroleum Hydrocarbons-DRO	**76.0**		4.24	12.5	1	mg/kg dry	EPA 8015D	12/31/25 8:23	1/ 3/26 20:01	GXB
Total Petroleum Hydrocarbons-GRO	ND		84.3	84.3	100	mg/kg dry	EPA 8015D	12/31/25 9:00	12/31/25 13:08	scb
Total Petroleum Hydrocarbons-ORO	**23.5**		4.24	12.5	1	mg/kg dry	EPA 8015D	12/31/25 8:23	1/ 3/26 20:01	GXB

Surrogate Recoveries	Result	Flag	Acceptance Range	Reference	Analyzed
Surrogate: SURR: p-Bromofluorobenzene	*78.3 %*		*52-146*	*EPA 8015D*	*12/31/25 13:08*
Surrogate: Triacontane	*58.6 %*		*30-150*	*EPA 8015D*	*1/ 3/26 20:01*
Surrogate: Triacontane	*58.6 %*		*30-150*	*EPA 8015D*	*1/ 3/26 20:01*

Lab ID: **25L1381-05** **Laboratory:** ALS Environmental - Stratford
Analysis: **Miscellaneous Physical Parameters** **Matrix:** Soil
Prep Method: Sample Prepared by Method: % Solids Prep

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
* % Solids	**76.4**		0.100	0.100	1	%	SM 2540G	12/30/25 8:14	12/30/25 11:50	BF

Lab ID: **25L1381-05** **Laboratory:** ALS Environmental - Stratford
Analysis: **Leachate Preparations** **Matrix:** Soil
Prep Method: Sample Prepared by Method: EPA SW 846-1311 TCLP ZHE for VOA **Sample Notes:** EXT-Temp

Parameter	Result	Flag	MDL	RL	Dilution	Units	Reference Method	Extracted	Analyzed	Analyst
TCLP Extraction	Completed		1.00	1.00	1	N/A	EPA 1311	12/30/25 15:38	12/31/25 10:00	TAJ
TCLP Extraction	Completed		1.00	1.00	1	N/A	EPA 1311	12/30/25 15:42	12/31/25 10:00	TAJ

Certified Analyses included in this Report

Analyte	CAS #	Certifications
EPA 1311 in Soil		
TCLP Extraction		NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
TCLP Extraction		NYSDOH-NY10854,CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440
EPA 8015D in Soil		
Total Petroleum Hydrocarbons-DRO	68334-30-5	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Total Petroleum Hydrocarbons-GRO	8006-61-9	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
Total Petroleum Hydrocarbons-ORO	68334-30-5	NYSDOH-NY10854,NJDEP-CT005,PADEP-68-04440
EPA 8260D in Soil		
1,1,1,2-Tetrachloroethane	630-20-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1,1-Trichloroethane	71-55-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1,2,2-Tetrachloroethane	79-34-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1,2-Trichloroethane	79-00-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1-Dichloroethane	75-34-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1-Dichloroethylene	75-35-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,1-Dichloropropylene	563-58-6	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,3-Trichlorobenzene	87-61-6	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,3-Trichloropropane	96-18-4	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,4-Trichlorobenzene	120-82-1	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2,4-Trimethylbenzene	95-63-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dibromo-3-chloropropane	96-12-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dibromoethane	106-93-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dichlorobenzene	95-50-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dichloroethane	107-06-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dichloropropane	78-87-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,3,5-Trimethylbenzene	108-67-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,3-Dichlorobenzene	541-73-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,3-Dichloropropane	142-28-9	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,4-Dichlorobenzene	106-46-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2,2-Dichloropropane	594-20-7	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2-Butanone	78-93-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2-Chlorotoluene	95-49-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2-Hexanone	591-78-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
4-Chlorotoluene	106-43-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8260D in Soil (Continued)		
4-Methyl-2-pentanone	108-10-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Acetone	67-64-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Acrolein	107-02-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Acrylonitrile	107-13-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Benzene	71-43-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromobenzene	108-86-1	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromochloromethane	74-97-5	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromodichloromethane	75-27-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromoform	75-25-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Bromomethane	74-83-9	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Carbon disulfide	75-15-0	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Carbon tetrachloride	56-23-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chlorobenzene	108-90-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chloroethane	75-00-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chloroform	67-66-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chloromethane	74-87-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
cis-1,2-Dichloroethylene	156-59-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
cis-1,3-Dichloropropylene	10061-01-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Cyclohexane	110-82-7	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dibromochloromethane	124-48-1	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dibromomethane	74-95-3	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Dichlorodifluoromethane	75-71-8	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Ethyl Benzene	100-41-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Hexachlorobutadiene	87-68-3	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Isopropylbenzene	98-82-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methyl acetate	79-20-9	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methyl tert-butyl ether (MTBE)	1634-04-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methylcyclohexane	108-87-2	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Methylene chloride	75-09-2	CTDPH-PH-0840
n-Butylbenzene	104-51-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
n-Propylbenzene	103-65-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
o-Xylene	95-47-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8260D in Soil (Continued)		
p- & m- Xylenes	179601-23-1	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,PADEP-68-04440
p-Isopropyltoluene	99-87-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
sec-Butylbenzene	135-98-8	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Styrene	100-42-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
tert-Butyl alcohol (TBA)	75-65-0	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
tert-Butylbenzene	98-06-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Tetrachloroethylene	127-18-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Toluene	108-88-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
trans-1,2-Dichloroethylene	156-60-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
trans-1,3-Dichloropropylene	10061-02-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Trichloroethylene	79-01-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Trichlorofluoromethane	75-69-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Vinyl acetate	108-05-4	NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Vinyl Chloride	75-01-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Xylenes, Total	1330-20-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
EPA 8260D/1311 in Soil		
1,1-Dichloroethylene	75-35-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,2-Dichloroethane	107-06-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
1,4-Dichlorobenzene	106-46-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
2-Butanone	78-93-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Benzene	71-43-2	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Carbon tetrachloride	56-23-5	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chlorobenzene	108-90-7	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Chloroform	67-66-3	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Tetrachloroethylene	127-18-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Trichloroethylene	79-01-6	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
Vinyl Chloride	75-01-4	CTDPH-PH-0840,NYSDOH-NY10854,NYSDOH-NY12058,NJDEP-CT005,PADEP-68-04440
EPA 8270E in Soil		
1,1-Biphenyl	92-52-4	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
1,2,4,5-Tetrachlorobenzene	95-94-3	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8270E in Soil (Continued)		
2,3,4,6-Tetrachlorophenol	58-90-2	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4,5-Trichlorophenol	95-95-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4,6-Trichlorophenol	88-06-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dichlorophenol	120-83-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dimethylphenol	105-67-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dinitrophenol	51-28-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dinitrotoluene	121-14-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,6-Dinitrotoluene	606-20-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Chloronaphthalene	91-58-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Chlorophenol	95-57-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Methylnaphthalene	91-57-6	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Methylphenol	95-48-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Nitroaniline	88-74-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Nitrophenol	88-75-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
3- & 4-Methylphenols	65794-96-9	CTDPH-PH-0840
3,3-Dichlorobenzidine	91-94-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
3-Nitroaniline	99-09-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4,6-Dinitro-2-methylphenol	534-52-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Bromophenyl phenyl ether	101-55-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Chloro-3-methylphenol	59-50-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Chloroaniline	106-47-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Chlorophenyl phenyl ether	7005-72-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Nitroaniline	100-01-6	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
4-Nitrophenol	100-02-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Acenaphthene	83-32-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Acenaphthylene	208-96-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Acetophenone	98-86-2	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Anthracene	120-12-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Atrazine	1912-24-9	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzaldehyde	100-52-7	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(a)anthracene	56-55-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(a)pyrene	50-32-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(b)fluoranthene	205-99-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(g,h,i)perylene	191-24-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzo(k)fluoranthene	207-08-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Benzyl butyl phthalate	85-68-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Bis(2-chloroethoxy)methane	111-91-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Bis(2-chloroethyl)ether	111-44-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Bis(2-chloroisopropyl)ether	108-60-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Bis(2-ethylhexyl)phthalate	117-81-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Caprolactam	105-60-2	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Carbazole	86-74-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Chrysene	218-01-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Dibenzo(a,h)anthracene	53-70-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Dibenzofuran	132-64-9	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Diethyl phthalate	84-66-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Dimethyl phthalate	131-11-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Di-n-butyl phthalate	84-74-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Di-n-octyl phthalate	117-84-0	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Fluoranthene	206-44-0	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Fluorene	86-73-7	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854

Certified Analyses included in this Report

(Continued)

Analyte	CAS #	Certifications
EPA 8270E in Soil (Continued)		
Hexachlorobenzene	118-74-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachlorobutadiene	87-68-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachlorocyclopentadiene	77-47-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachloroethane	67-72-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Indeno(1,2,3-cd)pyrene	193-39-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Isophorone	78-59-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Naphthalene	91-20-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Nitrobenzene	98-95-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
N-nitroso-di-n-propylamine	621-64-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
N-Nitrosodiphenylamine	86-30-6	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Pentachlorophenol	87-86-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Phenanthrene	85-01-8	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Phenol	108-95-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Pyrene	129-00-0	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
EPA 8270E/1311 in Soil		
1,4-Dichlorobenzene	106-46-7	NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4,5-Trichlorophenol	95-95-4	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4,6-Trichlorophenol	88-06-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2,4-Dinitrotoluene	121-14-2	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
2-Methylphenol	95-48-7	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
3- & 4-Methylphenols	65794-96-9	CTDPH-PH-0840,PADEP-68-04440
Hexachlorobenzene	118-74-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachlorobutadiene	87-68-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Hexachloroethane	67-72-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Nitrobenzene	98-95-3	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Pentachlorophenol	87-86-5	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
Pyridine	110-86-1	CTDPH-PH-0840,NJDEP-CT005,PADEP-68-04440,NYSDOH-NY10854
SM 2540G in Soil		
% Solids	solids	CTDPH-PH-0840

List of Certifications

Code	Description	Number	Expires
CTDPH-PH-0840	CTDPH - Stratford	PH-0840	06/30/2027
NJDEP-CT005	NJDEP Certification - Stratford	CT005	06/30/2026
NYSDOH-NY12058	NYSDOH NELAC/ELAP Program - Queens	NY ELAP-12058	04/01/2026
NYSDOH-NY10854	NYSDOH NELAC/ELAP Program - Stratford	NY ELAP-10854	04/01/2026
PADEP-68-04440	PADEP Registration - Stratford	68-04440	09/30/2026

Analytical Batch Summary

Batch ID: BA60051	Preparation Method: EPA 5035A	Prepared By: PRS
Sample ID	**Client Sample ID**	**Preparation Date**
25L1381-03	SB-3 (27-28)	01/05/26
BA60051-BLK1	Blank	01/05/26
BA60051-BS1	LCS	01/05/26
BA60051-BSD1	LCS Dup	01/05/26

Batch ID: BA60066	Preparation Method: EPA 5035A	Prepared By: PRS
Sample ID	**Client Sample ID**	**Preparation Date**
25L1381-03RE1	SB-3 (27-28)	01/05/26
25L1381-04RE1	SB-4 (23-24)	01/03/26
BA60066-BLK2	Blank	01/05/26
BA60066-BS2	LCS	01/05/26
BA60066-BSD2	LCS Dup	01/05/26

Batch ID: BA60125	Preparation Method: EPA 3550C	Prepared By: JLM
Sample ID	**Client Sample ID**	**Preparation Date**
25L1381-01	SB-1 (13-14)	01/06/26
25L1381-01RE1	SB-1 (13-14)	01/06/26
25L1381-02	SB-2 (26-27)	01/06/26
25L1381-03	SB-3 (27-28)	01/06/26
25L1381-03RE1	SB-3 (27-28)	01/06/26
25L1381-04	SB-4 (23-24)	01/06/26
25L1381-04RE1	SB-4 (23-24)	01/06/26
25L1381-04RE2	SB-4 (23-24)	01/06/26
25L1381-05	SB-5 (26-27)	01/06/26

Batch ID: BA60136	Preparation Method: EPA 3550C	Prepared By: JAA
Sample ID	**Client Sample ID**	**Preparation Date**
25L1381-02	SB-2 (26-27)	01/06/26
BA60136-BLK1	Blank	01/06/26
BA60136-BS1	LCS	01/06/26

Batch ID: BA60153	Preparation Method: EPA 5035A	Prepared By: PRS
Sample ID	**Client Sample ID**	**Preparation Date**
25L1381-03RE2	SB-3 (27-28)	01/05/26
BA60153-BLK2	Blank	01/06/26
BA60153-BS2	LCS	01/06/26
BA60153-BSD2	LCS Dup	01/06/26

Batch ID:	BL51825	Preparation Method:	% Solids Prep	Prepared By:	BNF
Sample ID	**Client Sample ID**	**Preparation Date**			
25L1381-01	SB-1 (13-14)	12/29/25			
25L1381-02	SB-2 (26-27)	12/29/25			
25L1381-03	SB-3 (27-28)	12/29/25			
25L1381-04	SB-4 (23-24)	12/29/25			

Batch ID:	BL51871	Preparation Method:	% Solids Prep	Prepared By:	BNF
Sample ID	**Client Sample ID**	**Preparation Date**			
25L1381-05	SB-5 (26-27)	12/30/25			

Batch ID:	BL51918	Preparation Method:	EPA SW 846-1311 TCLP ZHE for VOA	Prepared By:	TAJ
Sample ID	**Client Sample ID**	**Preparation Date**			
25L1381-01	SB-1 (13-14)	12/30/25			
25L1381-02	SB-2 (26-27)	12/30/25			
25L1381-03	SB-3 (27-28)	12/30/25			
25L1381-04	SB-4 (23-24)	12/30/25			
25L1381-05	SB-5 (26-27)	12/30/25			
BL51918-BLK1	Blank	12/30/25			

Batch ID:	BL51919	Preparation Method:	EPA SW 846-1311 TCLP extr. for SVOA/PEST	Prepared By:	TAJ
Sample ID	**Client Sample ID**	**Preparation Date**			
25L1381-01	SB-1 (13-14)	12/30/25			
25L1381-02	SB-2 (26-27)	12/30/25			
25L1381-03	SB-3 (27-28)	12/30/25			
25L1381-04	SB-4 (23-24)	12/30/25			
25L1381-05	SB-5 (26-27)	12/30/25			
BL51919-BLK1	Blank	12/30/25			

Batch ID:	BL51927	Preparation Method:	EPA 5035A	Prepared By:	SCB
Sample ID	**Client Sample ID**	**Preparation Date**			
25L1381-02	SB-2 (26-27)	12/30/25			
25L1381-03	SB-3 (27-28)	12/30/25			
BL51927-BLK1	Blank	12/30/25			
BL51927-SRM1	Reference	12/30/25			

Batch ID:	BL51958	Preparation Method:	EPA 3510C/1311	Prepared By:	NMB2
Sample ID	**Client Sample ID**	**Preparation Date**			
25L1381-01	SB-1 (13-14)	12/31/25			
25L1381-02	SB-2 (26-27)	12/31/25			
25L1381-03	SB-3 (27-28)	12/31/25			
25L1381-04	SB-4 (23-24)	12/31/25			
25L1381-05	SB-5 (26-27)	12/31/25			
BL51958-BLK1	Blank	12/31/25			
BL51958-BS1	LCS	12/31/25			
BL51958-BSD1	LCS Dup	12/31/25			

Batch ID:	BL51960	Preparation Method:	EPA 3550C	Prepared By:	AM2
Sample ID	**Client Sample ID**	**Preparation Date**			
25L1381-01	SB-1 (13-14)	12/31/25			
25L1381-03	SB-3 (27-28)	12/31/25			
25L1381-04	SB-4 (23-24)	12/31/25			
25L1381-05	SB-5 (26-27)	12/31/25			
BL51960-BLK1	Blank	12/31/25			
BL51960-BS1	LCS	12/31/25			

Batch ID:	BL51968	Preparation Method:	EPA 5035A	Prepared By:	SCB
Sample ID	**Client Sample ID**	**Preparation Date**			
25L1381-01	SB-1 (13-14)	12/31/25			
25L1381-04	SB-4 (23-24)	12/31/25			
25L1381-05	SB-5 (26-27)	12/31/25			
BL51968-BLK1	Blank	12/31/25			
BL51968-SRM1	Reference	12/31/25			

Batch ID:	BL51973	Preparation Method:	EPA 5035A	Prepared By:	PMB
Sample ID	**Client Sample ID**	**Preparation Date**			
25L1381-02	SB-2 (26-27)	01/03/26			
25L1381-04	SB-4 (23-24)	01/03/26			
25L1381-05	SB-5 (26-27)	01/03/26			
BL51973-BLK1	Blank	01/03/26			
BL51973-BS1	LCS	01/03/26			
BL51973-BSD1	LCS Dup	01/03/26			

Batch ID:	BL51974	Preparation Method:	EPA 5035A	Prepared By:	me
Sample ID	**Client Sample ID**	**Preparation Date**			
25L1381-01	SB-1 (13-14)	12/31/25			
BL51974-BLK1	Blank	12/31/25			
BL51974-BS1	LCS	12/31/25			

Batch ID: BL51975	**Preparation Method:** EPA 5030B/1312	**Prepared By:** PMB
Sample ID	**Client Sample ID**	**Preparation Date**
25L1381-01	SB-1 (13-14)	01/03/26
25L1381-02	SB-2 (26-27)	01/03/26
25L1381-03	SB-3 (27-28)	01/03/26
25L1381-04	SB-4 (23-24)	01/03/26
25L1381-05	SB-5 (26-27)	01/03/26
BL51975-BLK1	Blank	01/03/26
BL51975-BS1	LCS	01/03/26
BL51975-BSD1	LCS Dup	01/03/26
BL51975-LBK1	Leach Fluid Blank	01/03/26

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60051 - EPA 5035A											
Blank (BA60051-BLK1)								Prepared & Analyzed: 01/05/2026			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.0050	mg/kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	mg/kg wet								
1,2-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,1,2-Trichloroethane	ND	0.0050	mg/kg wet								
1,1-Dichloroethane	ND	0.0050	mg/kg wet								
1,3-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,1-Dichloroethylene	ND	0.0050	mg/kg wet								
1,4-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,1-Dichloropropylene	ND	0.0050	mg/kg wet								
1,2,3-Trichlorobenzene	ND	0.0050	mg/kg wet								
1,2,3-Trichloropropane	ND	0.0050	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.0050	mg/kg wet								
1,2,4-Trimethylbenzene	ND	0.0050	mg/kg wet								
1,2-Dibromo-3-chloropropane	ND	0.0050	mg/kg wet								
1,2-Dibromoethane	ND	0.0050	mg/kg wet								
1,2-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,2-Dichloroethane	ND	0.0050	mg/kg wet								
1,2-Dichloropropane	ND	0.0050	mg/kg wet								
1,3,5-Trimethylbenzene	ND	0.0050	mg/kg wet								
1,3-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,3-Dichloropropane	ND	0.0050	mg/kg wet								
1,4-Dichlorobenzene	ND	0.0050	mg/kg wet								
2,2-Dichloropropane	ND	0.0050	mg/kg wet								
2-Butanone	ND	0.0050	mg/kg wet								
2-Chlorotoluene	ND	0.0050	mg/kg wet								
2-Hexanone	ND	0.0050	mg/kg wet								
4-Chlorotoluene	ND	0.0050	mg/kg wet								
4-Methyl-2-pentanone	ND	0.0050	mg/kg wet								
Acetone	ND	0.010	mg/kg wet								
Acrolein	ND	0.010	mg/kg wet								
Acrylonitrile	ND	0.0050	mg/kg wet								
Benzene	ND	0.0050	mg/kg wet								
Bromobenzene	ND	0.0050	mg/kg wet								
Bromochloromethane	ND	0.0050	mg/kg wet								
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	mg/kg wet								
Bromomethane	ND	0.0050	mg/kg wet								
Carbon disulfide	ND	0.0050	mg/kg wet								
Carbon tetrachloride	ND	0.0050	mg/kg wet								
Chlorobenzene	ND	0.0050	mg/kg wet								
Chloroethane	ND	0.0050	mg/kg wet								
Chloroform	ND	0.0050	mg/kg wet								
Chloromethane	ND	0.0050	mg/kg wet								
cis-1,2-Dichloroethylene	ND	0.0050	mg/kg wet								
cis-1,3-Dichloropropylene	ND	0.0050	mg/kg wet								
Cyclohexane	ND	0.0050	mg/kg wet								

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60051 - EPA 5035A											
Blank (BA60051-BLK1)								Prepared & Analyzed: 01/05/2026			
Dibromochloromethane	ND	0.0050	mg/kg wet								
Dibromomethane	ND	0.0050	mg/kg wet								
Dichlorodifluoromethane	ND	0.0050	mg/kg wet								
Ethyl Benzene	ND	0.0050	mg/kg wet								
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	mg/kg wet								
Methyl acetate	ND	0.0050	mg/kg wet								
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/kg wet								
Methylcyclohexane	ND	0.0050	mg/kg wet								
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	mg/kg wet								
p- & m- Xylenes	ND	0.010	mg/kg wet								
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
p-Isopropyltoluene	ND	0.0050	mg/kg wet								
sec-Butylbenzene	ND	0.0050	mg/kg wet								
Styrene	ND	0.0050	mg/kg wet								
tert-Butyl alcohol (TBA)	ND	0.025	mg/kg wet								
tert-Butylbenzene	ND	0.0050	mg/kg wet								
Tetrachloroethylene	ND	0.0050	mg/kg wet								
Toluene	ND	0.0050	mg/kg wet								
trans-1,2-Dichloroethylene	ND	0.0050	mg/kg wet								
trans-1,3-Dichloropropylene	ND	0.0050	mg/kg wet								
Trichloroethylene	ND	0.0050	mg/kg wet								
Trichlorofluoromethane	ND	0.0050	mg/kg wet								
Vinyl acetate	ND	0.0050	mg/kg wet								
Vinyl Chloride	ND	0.0050	mg/kg wet								
Xylenes, Total	ND	0.015	mg/kg wet								
Surrogate: SURR: p-Bromofluorobenzene	*52.0*		*ug/L*	*50.0*		*104*	*76-130*				
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.8*		*ug/L*	*50.0*		*106*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.5*		*ug/L*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.0*		*ug/L*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60051 - EPA 5035A											
LCS (BA60051-BS1)						Prepared & Analyzed: 01/05/2026					
1,1,1,2-Tetrachloroethane	41.1		ug/L	50.0		82.1	75-129				
1,1,1-Trichloroethane	48.4		ug/L	50.0		96.7	71-137				
1,1,2,2-Tetrachloroethane	39.6		ug/L	50.0		79.2	79-129				
1,2,4-Trichlorobenzene	42.8		ug/L	50.0		85.6	80-141				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	58.6		ug/L	50.0		117	58-146				
1,2-Dichlorobenzene	41.6		ug/L	50.0		83.3	85-122	Low Bias			
1,1,2-Trichloroethane	41.2		ug/L	50.0		82.5	83-123	Low Bias			
1,1-Dichloroethane	48.6		ug/L	50.0		97.1	75-130				
1,3-Dichlorobenzene	41.5		ug/L	50.0		82.9	84-124	Low Bias			
1,1-Dichloroethylene	79.9		ug/L	50.0		160	64-137	High Bias			
1,4-Dichlorobenzene	41.9		ug/L	50.0		83.7	84-124	Low Bias			
1,1-Dichloropropylene	45.4		ug/L	50.0		90.7	77-127				
1,2,3-Trichlorobenzene	39.7		ug/L	50.0		79.4	81-140	Low Bias			
1,2,3-Trichloropropane	38.0		ug/L	50.0		75.9	81-126	Low Bias			
1,2,4-Trichlorobenzene	42.8		ug/L	50.0		85.6	80-141				
1,2,4-Trimethylbenzene	41.5		ug/L	50.0		83.0	84-125	Low Bias			
1,2-Dibromo-3-chloropropane	37.6		ug/L	50.0		75.1	74-142				
1,2-Dibromoethane	42.7		ug/L	50.0		85.4	86-123	Low Bias			
1,2-Dichlorobenzene	41.6		ug/L	50.0		83.3	85-122	Low Bias			
1,2-Dichloroethane	45.5		ug/L	50.0		90.9	71-133				
1,2-Dichloropropane	42.1		ug/L	50.0		84.2	81-122				
1,3,5-Trimethylbenzene	42.4		ug/L	50.0		84.9	82-126				
1,3-Dichlorobenzene	41.5		ug/L	50.0		82.9	84-124	Low Bias			
1,3-Dichloropropane	42.0		ug/L	50.0		84.0	83-123				
1,4-Dichlorobenzene	41.9		ug/L	50.0		83.7	84-124	Low Bias			
2,2-Dichloropropane	50.5		ug/L	50.0		101	67-136				
2-Butanone	46.9		ug/L	50.0		93.8	58-147				
2-Chlorotoluene	42.2		ug/L	50.0		84.4	78-127				
2-Hexanone	45.9		ug/L	50.0		91.9	70-139				
4-Chlorotoluene	43.0		ug/L	50.0		86.1	79-125				
4-Methyl-2-pentanone	43.6		ug/L	50.0		87.1	72-132				
Acetone	67.1		ug/L	50.0		134	36-155				
Acrolein	137		ug/L	200		68.3	10-238				
Acrylonitrile	43.5		ug/L	50.0		86.9	66-141				
Benzene	47.3		ug/L	50.0		94.6	77-127				
Bromobenzene	40.9		ug/L	50.0		81.8	77-129				
Bromochloromethane	47.7		ug/L	50.0		95.4	74-129				
Bromodichloromethane	44.4		ug/L	50.0		88.7	81-124				
Bromoform	38.8		ug/L	50.0		77.6	80-136	Low Bias			
Bromomethane	66.1		ug/L	50.0		132	32-177				
Carbon disulfide	67.7		ug/L	50.0		135	10-136				
Carbon tetrachloride	47.7		ug/L	50.0		95.3	66-143				
Chlorobenzene	43.0		ug/L	50.0		86.0	86-120				
Chloroethane	84.2		ug/L	50.0		168	51-142	High Bias			
Chloroform	45.8		ug/L	50.0		91.5	76-131				
Chloromethane	56.6		ug/L	50.0		113	49-132				
cis-1,2-Dichloroethylene	48.4		ug/L	50.0		96.8	74-132				
cis-1,3-Dichloropropylene	44.5		ug/L	50.0		88.9	81-129				
Cyclohexane	47.2		ug/L	50.0		94.3	70-130				
Dibromochloromethane	42.7		ug/L	50.0		85.4	10-200				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60051 - EPA 5035A											
LCS (BA60051-BS1)							Prepared & Analyzed: 01/05/2026				
Dibromomethane	43.3		ug/L	50.0		86.7	83-124				
Dichlorodifluoromethane	72.5		ug/L	50.0		145	28-158				
Ethyl Benzene	43.7		ug/L	50.0		87.3	84-125				
Hexachlorobutadiene	40.0		ug/L	50.0		80.0	83-133	Low Bias			
Isopropylbenzene	42.4		ug/L	50.0		84.8	81-127				
Methyl acetate	57.2		ug/L	50.0		114	41-143				
Methyl tert-butyl ether (MTBE)	38.0		ug/L	50.0		76.0	74-131				
Methylcyclohexane	43.0		ug/L	50.0		86.1	70-130				
Methylene chloride	79.4		ug/L	50.0		159	57-141	High Bias			
n-Butylbenzene	44.2		ug/L	50.0		88.4	80-130				
n-Propylbenzene	42.2		ug/L	50.0		84.4	74-136				
o-Xylene	44.3		ug/L	50.0		88.6	83-123				
p- & m- Xylenes	89.1		ug/L	100		89.1	82-128				
Hexachlorobutadiene	40.0		ug/L	50.0		80.0	83-133	Low Bias			
p-Isopropyltoluene	45.1		ug/L	50.0		90.2	85-125				
sec-Butylbenzene	42.6		ug/L	50.0		85.2	83-125				
Styrene	42.3		ug/L	50.0		84.6	86-126	Low Bias			
tert-Butyl alcohol (TBA)	247		ug/L	250		98.7	70-130				
tert-Butylbenzene	40.8		ug/L	50.0		81.6	80-127				
Tetrachloroethylene	32.9		ug/L	50.0		65.8	80-129	Low Bias			
Toluene	43.8		ug/L	50.0		87.6	85-121				
trans-1,2-Dichloroethylene	48.9		ug/L	50.0		97.8	72-132				
trans-1,3-Dichloropropylene	42.9		ug/L	50.0		85.8	78-132				
Trichloroethylene	42.1		ug/L	50.0		84.2	84-123				
Trichlorofluoromethane	58.1		ug/L	50.0		116	62-140				
Vinyl acetate	47.1		ug/L	50.0		94.3	67-136				
Vinyl Chloride	61.6		ug/L	50.0		123	52-130				
Surrogate: SURR: p-Bromofluorobenzene	*49.0*		*ug/L*	*50.0*		*97.9*	*76-130*				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.8*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*ug/L*	*50.0*		*99.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.0*		*ug/L*	*50.0*		*97.9*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60051 - EPA 5035A											
LCS Dup (BA60051-BSD1)						Prepared & Analyzed: 01/05/2026					
1,1,1,2-Tetrachloroethane	44.5		ug/L	50.0		89.0	75-129		8.09	30	
1,1,1-Trichloroethane	52.6		ug/L	50.0		105	71-137		8.33	30	
1,1,2,2-Tetrachloroethane	43.1		ug/L	50.0		86.2	79-129		8.49	30	
1,2,4-Trichlorobenzene	46.3		ug/L	50.0		92.7	80-141		7.97	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	65.6		ug/L	50.0		131	58-146		11.2	30	
1,2-Dichlorobenzene	44.9		ug/L	50.0		89.8	85-122		7.47	30	
1,1,2-Trichloroethane	44.6		ug/L	50.0		89.1	83-123		7.74	30	
1,1-Dichloroethane	53.0		ug/L	50.0		106	75-130		8.78	30	
1,3-Dichlorobenzene	45.0		ug/L	50.0		90.0	84-124		8.17	30	
1,1-Dichloroethylene	87.4		ug/L	50.0		175	64-137	High Bias	9.02	30	
1,4-Dichlorobenzene	45.2		ug/L	50.0		90.5	84-124		7.76	30	
1,1-Dichloropropylene	49.7		ug/L	50.0		99.3	77-127		9.05	30	
1,2,3-Trichlorobenzene	43.8		ug/L	50.0		87.5	81-140		9.70	30	
1,2,3-Trichloropropane	42.2		ug/L	50.0		84.4	81-126		10.6	30	
1,2,4-Trichlorobenzene	46.3		ug/L	50.0		92.7	80-141		7.97	30	
1,2,4-Trimethylbenzene	44.6		ug/L	50.0		89.1	84-125		7.13	30	
1,2-Dibromo-3-chloropropane	41.3		ug/L	50.0		82.7	74-142		9.61	30	
1,2-Dibromoethane	46.5		ug/L	50.0		93.0	86-123		8.59	30	
1,2-Dichlorobenzene	44.9		ug/L	50.0		89.8	85-122		7.47	30	
1,2-Dichloroethane	48.7		ug/L	50.0		97.4	71-133		6.86	30	
1,2-Dichloropropane	45.4		ug/L	50.0		90.9	81-122		7.66	30	
1,3,5-Trimethylbenzene	45.9		ug/L	50.0		91.8	82-126		7.79	30	
1,3-Dichlorobenzene	45.0		ug/L	50.0		90.0	84-124		8.17	30	
1,3-Dichloropropane	45.6		ug/L	50.0		91.2	83-123		8.31	30	
1,4-Dichlorobenzene	45.2		ug/L	50.0		90.5	84-124		7.76	30	
2,2-Dichloropropane	55.0		ug/L	50.0		110	67-136		8.65	30	
2-Butanone	46.7		ug/L	50.0		93.4	58-147		0.470	30	
2-Chlorotoluene	45.2		ug/L	50.0		90.3	78-127		6.85	30	
2-Hexanone	46.2		ug/L	50.0		92.3	70-139		0.499	30	
4-Chlorotoluene	46.5		ug/L	50.0		92.9	79-125		7.69	30	
4-Methyl-2-pentanone	45.4		ug/L	50.0		90.8	72-132		4.09	30	
Acetone	55.7		ug/L	50.0		111	36-155		18.6	30	
Acrolein	285		ug/L	200		143	10-238		70.5	30	Non-dir.
Acrylonitrile	47.2		ug/L	50.0		94.5	66-141		8.31	30	
Benzene	51.4		ug/L	50.0		103	77-127		8.36	30	
Bromobenzene	44.4		ug/L	50.0		88.8	77-129		8.18	30	
Bromochloromethane	51.9		ug/L	50.0		104	74-129		8.45	30	
Bromodichloromethane	48.6		ug/L	50.0		97.2	81-124		9.12	30	
Bromoform	42.1		ug/L	50.0		84.2	80-136		8.16	30	
Bromomethane	78.3		ug/L	50.0		157	32-177		16.9	30	
Carbon disulfide	77.6		ug/L	50.0		155	10-136	High Bias	13.7	30	
Carbon tetrachloride	52.1		ug/L	50.0		104	66-143		8.92	30	
Chlorobenzene	46.6		ug/L	50.0		93.2	86-120		8.01	30	
Chloroethane	97.1		ug/L	50.0		194	51-142	High Bias	14.2	30	
Chloroform	49.2		ug/L	50.0		98.4	76-131		7.29	30	
Chloromethane	74.8		ug/L	50.0		150	49-132	High Bias	27.7	30	
cis-1,2-Dichloroethylene	52.4		ug/L	50.0		105	74-132		7.88	30	
cis-1,3-Dichloropropylene	48.3		ug/L	50.0		96.6	81-129		8.22	30	
Cyclohexane	50.7		ug/L	50.0		101	70-130		7.24	30	
Dibromochloromethane	46.7		ug/L	50.0		93.4	10-200		8.91	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60051 - EPA 5035A											
LCS Dup (BA60051-BSD1)								Prepared & Analyzed: 01/05/2026			
Dibromomethane	47.1		ug/L	50.0		94.1	83-124		8.25	30	
Dichlorodifluoromethane	131		ug/L	50.0		262	28-158	High Bias	57.5	30	Non-dir.
Ethyl Benzene	47.6		ug/L	50.0		95.1	84-125		8.55	30	
Hexachlorobutadiene	42.8		ug/L	50.0		85.6	83-133		6.77	30	
Isopropylbenzene	45.9		ug/L	50.0		91.8	81-127		7.84	30	
Methyl acetate	58.2		ug/L	50.0		116	41-143		1.80	30	
Methyl tert-butyl ether (MTBE)	41.6		ug/L	50.0		83.1	74-131		9.00	30	
Methylcyclohexane	46.3		ug/L	50.0		92.5	70-130		7.19	30	
Methylene chloride	85.2		ug/L	50.0		170	57-141	High Bias	7.05	30	
n-Butylbenzene	47.3		ug/L	50.0		94.6	80-130		6.86	30	
n-Propylbenzene	45.6		ug/L	50.0		91.3	74-136		7.79	30	
o-Xylene	48.3		ug/L	50.0		96.6	83-123		8.66	30	
p- & m- Xylenes	96.6		ug/L	100		96.6	82-128		8.15	30	
Hexachlorobutadiene	42.8		ug/L	50.0		85.6	83-133		6.77	30	
p-Isopropyltoluene	49.0		ug/L	50.0		98.0	85-125		8.24	30	
sec-Butylbenzene	46.4		ug/L	50.0		92.8	83-125		8.52	30	
Styrene	45.8		ug/L	50.0		91.6	86-126		7.90	30	
tert-Butyl alcohol (TBA)	265		ug/L	250		106	70-130		7.09	30	
tert-Butylbenzene	44.6		ug/L	50.0		89.2	80-127		8.83	30	
Tetrachloroethylene	35.7		ug/L	50.0		71.4	80-129	Low Bias	8.19	30	
Toluene	47.6		ug/L	50.0		95.2	85-121		8.29	30	
trans-1,2-Dichloroethylene	53.2		ug/L	50.0		106	72-132		8.42	30	
trans-1,3-Dichloropropylene	46.3		ug/L	50.0		92.6	78-132		7.58	30	
Trichloroethylene	46.5		ug/L	50.0		93.0	84-123		9.96	30	
Trichlorofluoromethane	67.6		ug/L	50.0		135	62-140		15.2	30	
Vinyl acetate	50.0		ug/L	50.0		100	67-136		5.97	30	
Vinyl Chloride	77.5		ug/L	50.0		155	52-130	High Bias	22.9	30	
Surrogate: SURR: p-Bromofluorobenzene	*48.5*		*ug/L*	*50.0*		*97.0*	*76-130*				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.4*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.6*		*ug/L*	*50.0*		*99.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.5*		*ug/L*	*50.0*		*97.0*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60066 - EPA 5035A											
Blank (BA60066-BLK2)								Prepared & Analyzed: 01/05/2026			
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.50	mg/kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	mg/kg wet								
1,2-Dichlorobenzene	ND	0.50	mg/kg wet								
1,1,2-Trichloroethane	ND	0.50	mg/kg wet								
1,1-Dichloroethane	ND	0.50	mg/kg wet								
1,3-Dichlorobenzene	ND	0.50	mg/kg wet								
1,1-Dichloroethylene	ND	0.50	mg/kg wet								
1,4-Dichlorobenzene	ND	0.50	mg/kg wet								
1,1-Dichloropropylene	ND	0.50	mg/kg wet								
1,2,3-Trichlorobenzene	ND	0.50	mg/kg wet								
1,2,3-Trichloropropane	ND	0.50	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.50	mg/kg wet								
1,2,4-Trimethylbenzene	ND	0.50	mg/kg wet								
1,2-Dibromo-3-chloropropane	ND	0.50	mg/kg wet								
1,2-Dibromoethane	ND	0.50	mg/kg wet								
1,2-Dichlorobenzene	ND	0.50	mg/kg wet								
1,2-Dichloroethane	ND	0.50	mg/kg wet								
1,2-Dichloropropane	ND	0.50	mg/kg wet								
1,3,5-Trimethylbenzene	ND	0.50	mg/kg wet								
1,3-Dichlorobenzene	ND	0.50	mg/kg wet								
1,3-Dichloropropane	ND	0.50	mg/kg wet								
1,4-Dichlorobenzene	ND	0.50	mg/kg wet								
2,2-Dichloropropane	ND	0.50	mg/kg wet								
2-Butanone	ND	0.50	mg/kg wet								
2-Chlorotoluene	ND	0.50	mg/kg wet								
2-Hexanone	ND	0.50	mg/kg wet								
4-Chlorotoluene	ND	0.50	mg/kg wet								
4-Methyl-2-pentanone	ND	0.50	mg/kg wet								
Acetone	ND	1.0	mg/kg wet								
Acrolein	ND	1.0	mg/kg wet								
Acrylonitrile	ND	0.50	mg/kg wet								
Benzene	ND	0.50	mg/kg wet								
Bromobenzene	ND	0.50	mg/kg wet								
Bromochloromethane	ND	0.50	mg/kg wet								
Bromodichloromethane	ND	0.50	mg/kg wet								
Bromoform	ND	0.50	mg/kg wet								
Bromomethane	ND	0.50	mg/kg wet								
Carbon disulfide	ND	0.50	mg/kg wet								
Carbon tetrachloride	ND	0.50	mg/kg wet								
Chlorobenzene	ND	0.50	mg/kg wet								
Chloroethane	ND	0.50	mg/kg wet								
Chloroform	ND	0.50	mg/kg wet								
Chloromethane	ND	0.50	mg/kg wet								
cis-1,2-Dichloroethylene	ND	0.50	mg/kg wet								
cis-1,3-Dichloropropylene	ND	0.50	mg/kg wet								
Cyclohexane	ND	0.50	mg/kg wet								
Dibromochloromethane	ND	0.50	mg/kg wet								

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60066 - EPA 5035A											
Blank (BA60066-BLK2)								Prepared & Analyzed: 01/05/2026			
Dibromomethane	ND	0.50	mg/kg wet								
Dichlorodifluoromethane	ND	0.50	mg/kg wet								
Ethyl Benzene	ND	0.50	mg/kg wet								
Hexachlorobutadiene	ND	0.50	mg/kg wet								
Isopropylbenzene	ND	0.50	mg/kg wet								
Methyl acetate	ND	0.50	mg/kg wet								
Methyl tert-butyl ether (MTBE)	ND	0.50	mg/kg wet								
Methylcyclohexane	ND	0.50	mg/kg wet								
Methylene chloride	ND	1.0	mg/kg wet								
n-Butylbenzene	ND	0.50	mg/kg wet								
n-Propylbenzene	ND	0.50	mg/kg wet								
o-Xylene	ND	0.50	mg/kg wet								
p- & m- Xylenes	ND	1.0	mg/kg wet								
Hexachlorobutadiene	ND	0.50	mg/kg wet								
p-Isopropyltoluene	ND	0.50	mg/kg wet								
sec-Butylbenzene	ND	0.50	mg/kg wet								
Styrene	ND	0.50	mg/kg wet								
tert-Butyl alcohol (TBA)	ND	2.5	mg/kg wet								
tert-Butylbenzene	ND	0.50	mg/kg wet								
Tetrachloroethylene	ND	0.50	mg/kg wet								
Toluene	ND	0.50	mg/kg wet								
trans-1,2-Dichloroethylene	ND	0.50	mg/kg wet								
trans-1,3-Dichloropropylene	ND	0.50	mg/kg wet								
Trichloroethylene	ND	0.50	mg/kg wet								
Trichlorofluoromethane	ND	0.50	mg/kg wet								
Vinyl acetate	ND	0.50	mg/kg wet								
Vinyl Chloride	ND	0.50	mg/kg wet								
Xylenes, Total	ND	1.5	mg/kg wet								
Surrogate: SURR: p-Bromofluorobenzene	*55.3*		*ug/L*	*50.0*		*111*	*76-130*				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.9*		*ug/L*	*50.0*		*99.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.7*		*ug/L*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*55.3*		*ug/L*	*50.0*		*111*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60066 - EPA 5035A											
LCS (BA60066-BS2)						Prepared & Analyzed: 01/05/2026					
1,1,1,2-Tetrachloroethane	41.1		ug/L	100		41.1	75-129	Low Bias			
1,1,1-Trichloroethane	46.7		ug/L	100		46.7	71-137	Low Bias			
1,1,2,2-Tetrachloroethane	46.0		ug/L	100		46.0	79-129	Low Bias			
1,2,4-Trichlorobenzene	46.1		ug/L	100		46.1	80-141	Low Bias			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.7		ug/L	100		46.7	58-146	Low Bias			
1,2-Dichlorobenzene	43.5		ug/L	100		43.5	85-122	Low Bias			
1,1,2-Trichloroethane	42.9		ug/L	100		42.9	83-123	Low Bias			
1,1-Dichloroethane	46.6		ug/L	100		46.6	75-130	Low Bias			
1,3-Dichlorobenzene	43.5		ug/L	100		43.5	84-124	Low Bias			
1,1-Dichloroethylene	59.0		ug/L	100		59.0	64-137	Low Bias			
1,4-Dichlorobenzene	43.9		ug/L	100		43.9	84-124	Low Bias			
1,1-Dichloropropylene	43.5		ug/L	100		43.5	77-127	Low Bias			
1,2,3-Trichlorobenzene	44.8		ug/L	100		44.8	81-140	Low Bias			
1,2,3-Trichloropropane	44.6		ug/L	100		44.6	81-126	Low Bias			
1,2,4-Trichlorobenzene	46.1		ug/L	100		46.1	80-141	Low Bias			
1,2,4-Trimethylbenzene	42.7		ug/L	100		42.7	84-125	Low Bias			
1,2-Dibromo-3-chloropropane	40.3		ug/L	100		40.3	74-142	Low Bias			
1,2-Dibromoethane	44.9		ug/L	100		44.9	86-123	Low Bias			
1,2-Dichlorobenzene	43.5		ug/L	100		43.5	85-122	Low Bias			
1,2-Dichloroethane	42.3		ug/L	100		42.3	71-133	Low Bias			
1,2-Dichloropropane	42.6		ug/L	100		42.6	81-122	Low Bias			
1,3,5-Trimethylbenzene	44.9		ug/L	100		44.9	82-126	Low Bias			
1,3-Dichlorobenzene	43.5		ug/L	100		43.5	84-124	Low Bias			
1,3-Dichloropropane	43.1		ug/L	100		43.1	83-123	Low Bias			
1,4-Dichlorobenzene	43.9		ug/L	100		43.9	84-124	Low Bias			
2,2-Dichloropropane	47.6		ug/L	100		47.6	67-136	Low Bias			
2-Butanone	52.0		ug/L	50.0		104	58-147				
2-Chlorotoluene	44.4		ug/L	100		44.4	78-127	Low Bias			
2-Hexanone	51.4		ug/L	50.0		103	70-139				
4-Chlorotoluene	45.1		ug/L	100		45.1	79-125	Low Bias			
4-Methyl-2-pentanone	48.8		ug/L	50.0		97.6	72-132				
Acetone	55.8		ug/L	50.0		112	36-155				
Acrolein	112		ug/L	200		56.1	10-238				
Acrylonitrile	51.3		ug/L	100		51.3	66-141	Low Bias			
Benzene	44.8		ug/L	100		44.8	77-127	Low Bias			
Bromobenzene	44.2		ug/L	100		44.2	77-129	Low Bias			
Bromochloromethane	45.5		ug/L	100		45.5	74-129	Low Bias			
Bromodichloromethane	42.8		ug/L	100		42.8	81-124	Low Bias			
Bromoform	40.4		ug/L	100		40.4	80-136	Low Bias			
Bromomethane	4.76	0.50	mg/kg wet				32-177				
Carbon disulfide	51.0		ug/L	100		51.0	10-136				
Carbon tetrachloride	47.1		ug/L	100		47.1	66-143	Low Bias			
Chlorobenzene	42.9		ug/L	100		42.9	86-120	Low Bias			
Chloroethane	3.18	0.50	mg/kg wet				51-142				
Chloroform	43.0		ug/L	100		43.0	76-131	Low Bias			
Chloromethane	5.12	0.50	mg/kg wet				49-132				
cis-1,2-Dichloroethylene	45.7		ug/L	100		45.7	74-132	Low Bias			
cis-1,3-Dichloropropylene	43.1		ug/L	100		43.1	81-129	Low Bias			
Cyclohexane	46.0		ug/L	50.0		92.0	70-130				
Dibromochloromethane	40.4		ug/L	100		40.4	10-200				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60066 - EPA 5035A											
LCS (BA60066-BS2)							Prepared & Analyzed: 01/05/2026				
Dibromomethane	44.3		ug/L	100		44.3	83-124	Low Bias			
Dichlorodifluoromethane	8.75	0.50	mg/kg wet				28-158				
Ethyl Benzene	42.6		ug/L	100		42.6	84-125	Low Bias			
Hexachlorobutadiene	44.7		ug/L	100		44.7	83-133	Low Bias			
Isopropylbenzene	45.0		ug/L	100		45.0	81-127	Low Bias			
Methyl acetate	44.1		ug/L	50.0		88.2	41-143				
Methyl tert-butyl ether (MTBE)	43.5		ug/L	50.0		87.0	74-131				
Methylcyclohexane	43.8		ug/L	50.0		87.5	70-130				
Methylene chloride	48.6		ug/L	100		48.6	57-141	Low Bias			
n-Butylbenzene	45.9		ug/L	100		45.9	80-130	Low Bias			
n-Propylbenzene	44.9		ug/L	100		44.9	74-136	Low Bias			
o-Xylene	43.0		ug/L	100		43.0	83-123	Low Bias			
p- & m- Xylenes	86.0		ug/L	200		43.0	82-128	Low Bias			
Hexachlorobutadiene	44.7		ug/L	100		44.7	83-133	Low Bias			
p-Isopropyltoluene	45.3		ug/L	100		45.3	85-125	Low Bias			
sec-Butylbenzene	44.6		ug/L	100		44.6	83-125	Low Bias			
Styrene	41.5		ug/L	100		41.5	86-126	Low Bias			
tert-Butyl alcohol (TBA)	244		ug/L	250		97.5	70-130				
tert-Butylbenzene	43.6		ug/L	100		43.6	80-127	Low Bias			
Tetrachloroethylene	38.3		ug/L	100		38.3	80-129	Low Bias			
Toluene	43.4		ug/L	100		43.4	85-121	Low Bias			
trans-1,2-Dichloroethylene	51.1		ug/L	100		51.1	72-132	Low Bias			
trans-1,3-Dichloropropylene	42.2		ug/L	100		42.2	78-132	Low Bias			
Trichloroethylene	43.7		ug/L	100		43.7	84-123	Low Bias			
Trichlorofluoromethane	4.44	0.50	mg/kg wet				62-140				
Vinyl acetate	45.6		ug/L	50.0		91.2	67-136				
Vinyl Chloride	4.63	0.50	mg/kg wet				52-130				
Surrogate: SURR: p-Bromofluorobenzene	*51.5*		*ug/L*	*50.0*		*103*	*76-130*				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*ug/L*	*50.0*		*99.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.9*		*ug/L*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.5*		*ug/L*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60066 - EPA 5035A											
LCS Dup (BA60066-BSD2)						Prepared & Analyzed: 01/05/2026					
1,1,1,2-Tetrachloroethane	43.5		ug/L	100		43.5	75-129	Low Bias	5.63	30	
1,1,1-Trichloroethane	49.5		ug/L	100		49.5	71-137	Low Bias	5.86	30	
1,1,2,2-Tetrachloroethane	47.5		ug/L	100		47.5	79-129	Low Bias	3.12	30	
1,2,4-Trichlorobenzene	48.6		ug/L	100		48.6	80-141	Low Bias	5.28	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	50.7		ug/L	100		50.7	58-146	Low Bias	8.28	30	
1,2-Dichlorobenzene	46.0		ug/L	100		46.0	85-122	Low Bias	5.63	30	
1,1,2-Trichloroethane	45.0		ug/L	100		45.0	83-123	Low Bias	4.75	30	
1,1-Dichloroethane	50.0		ug/L	100		50.0	75-130	Low Bias	7.01	30	
1,3-Dichlorobenzene	46.0		ug/L	100		46.0	84-124	Low Bias	5.50	30	
1,1-Dichloroethylene	65.1		ug/L	100		65.1	64-137		9.89	30	
1,4-Dichlorobenzene	46.3		ug/L	100		46.3	84-124	Low Bias	5.32	30	
1,1-Dichloropropylene	46.5		ug/L	100		46.5	77-127	Low Bias	6.65	30	
1,2,3-Trichlorobenzene	47.2		ug/L	100		47.2	81-140	Low Bias	5.19	30	
1,2,3-Trichloropropane	46.4		ug/L	100		46.4	81-126	Low Bias	3.89	30	
1,2,4-Trichlorobenzene	48.6		ug/L	100		48.6	80-141	Low Bias	5.28	30	
1,2,4-Trimethylbenzene	44.9		ug/L	100		44.9	84-125	Low Bias	5.09	30	
1,2-Dibromo-3-chloropropane	40.8		ug/L	100		40.8	74-142	Low Bias	1.31	30	
1,2-Dibromoethane	47.3		ug/L	100		47.3	86-123	Low Bias	5.34	30	
1,2-Dichlorobenzene	46.0		ug/L	100		46.0	85-122	Low Bias	5.63	30	
1,2-Dichloroethane	45.3		ug/L	100		45.3	71-133	Low Bias	6.97	30	
1,2-Dichloropropane	45.5		ug/L	100		45.5	81-122	Low Bias	6.63	30	
1,3,5-Trimethylbenzene	47.6		ug/L	100		47.6	82-126	Low Bias	5.69	30	
1,3-Dichlorobenzene	46.0		ug/L	100		46.0	84-124	Low Bias	5.50	30	
1,3-Dichloropropane	45.6		ug/L	100		45.6	83-123	Low Bias	5.68	30	
1,4-Dichlorobenzene	46.3		ug/L	100		46.3	84-124	Low Bias	5.32	30	
2,2-Dichloropropane	50.9		ug/L	100		50.9	67-136	Low Bias	6.72	30	
2-Butanone	47.0		ug/L	50.0		94.0	58-147		10.2	30	
2-Chlorotoluene	46.7		ug/L	100		46.7	78-127	Low Bias	5.12	30	
2-Hexanone	48.7		ug/L	50.0		97.4	70-139		5.49	30	
4-Chlorotoluene	47.9		ug/L	100		47.9	79-125	Low Bias	5.87	30	
4-Methyl-2-pentanone	48.6		ug/L	50.0		97.1	72-132		0.472	30	
Acetone	47.4		ug/L	50.0		94.8	36-155		16.3	30	
Acrolein	225		ug/L	200		112	10-238		66.7	30	Non-dir.
Acrylonitrile	52.0		ug/L	100		52.0	66-141	Low Bias	1.24	30	
Benzene	47.8		ug/L	100		47.8	77-127	Low Bias	6.48	30	
Bromobenzene	47.2		ug/L	100		47.2	77-129	Low Bias	6.65	30	
Bromochloromethane	48.5		ug/L	100		48.5	74-129	Low Bias	6.51	30	
Bromodichloromethane	46.0		ug/L	100		46.0	81-124	Low Bias	7.32	30	
Bromoform	42.1		ug/L	100		42.1	80-136	Low Bias	4.20	30	
Bromomethane	5.86	0.50	mg/kg wet				32-177		20.8	30	
Carbon disulfide	58.8		ug/L	100		58.8	10-136		14.3	30	
Carbon tetrachloride	50.9		ug/L	100		50.9	66-143	Low Bias	7.78	30	
Chlorobenzene	45.3		ug/L	100		45.3	86-120	Low Bias	5.49	30	
Chloroethane	3.98	0.50	mg/kg wet				51-142		22.4	30	
Chloroform	45.5		ug/L	100		45.5	76-131	Low Bias	5.69	30	
Chloromethane	6.61	0.50	mg/kg wet				49-132		25.5	30	
cis-1,2-Dichloroethylene	49.1		ug/L	100		49.1	74-132	Low Bias	7.19	30	
cis-1,3-Dichloropropylene	46.0		ug/L	100		46.0	81-129	Low Bias	6.62	30	
Cyclohexane	48.8		ug/L	50.0		97.7	70-130		5.99	30	
Dibromochloromethane	42.8		ug/L	100		42.8	10-200		5.77	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60066 - EPA 5035A											
LCS Dup (BA60066-BSD2)								Prepared & Analyzed: 01/05/2026			
Dibromomethane	47.0		ug/L	100		47.0	83-124	Low Bias	5.89	30	
Dichlorodifluoromethane	14.0	0.50	mg/kg wet				28-158		46.4	30	Non-dir.
Ethyl Benzene	45.0		ug/L	100		45.0	84-125	Low Bias	5.54	30	
Hexachlorobutadiene	46.5		ug/L	100		46.5	83-133	Low Bias	3.91	30	
Isopropylbenzene	47.6		ug/L	100		47.6	81-127	Low Bias	5.53	30	
Methyl acetate	44.3		ug/L	50.0		88.6	41-143		0.452	30	
Methyl tert-butyl ether (MTBE)	46.8		ug/L	50.0		93.6	74-131		7.33	30	
Methylcyclohexane	45.4		ug/L	50.0		90.8	70-130		3.61	30	
Methylene chloride	52.6		ug/L	100		52.6	57-141	Low Bias	7.79	30	
n-Butylbenzene	48.2		ug/L	100		48.2	80-130	Low Bias	4.84	30	
n-Propylbenzene	47.5		ug/L	100		47.5	74-136	Low Bias	5.56	30	
o-Xylene	45.6		ug/L	100		45.6	83-123	Low Bias	5.93	30	
p- & m- Xylenes	92.0		ug/L	200		46.0	82-128	Low Bias	6.84	30	
Hexachlorobutadiene	46.5		ug/L	100		46.5	83-133	Low Bias	3.91	30	
p-Isopropyltoluene	47.8		ug/L	100		47.8	85-125	Low Bias	5.29	30	
sec-Butylbenzene	47.2		ug/L	100		47.2	83-125	Low Bias	5.54	30	
Styrene	43.8		ug/L	100		43.8	86-126	Low Bias	5.37	30	
tert-Butyl alcohol (TBA)	242		ug/L	250		97.0	70-130		0.584	30	
tert-Butylbenzene	45.8		ug/L	100		45.8	80-127	Low Bias	4.90	30	
Tetrachloroethylene	40.3		ug/L	100		40.3	80-129	Low Bias	4.99	30	
Toluene	46.2		ug/L	100		46.2	85-121	Low Bias	6.07	30	
trans-1,2-Dichloroethylene	55.4		ug/L	100		55.4	72-132	Low Bias	8.22	30	
trans-1,3-Dichloropropylene	45.1		ug/L	100		45.1	78-132	Low Bias	6.70	30	
Trichloroethylene	46.8		ug/L	100		46.8	84-123	Low Bias	6.67	30	
Trichlorofluoromethane	5.19	0.50	mg/kg wet				62-140		15.5	30	
Vinyl acetate	48.1		ug/L	50.0		96.3	67-136		5.40	30	
Vinyl Chloride	5.87	0.50	mg/kg wet				52-130		23.6	30	
Surrogate: SURR: p-Bromofluorobenzene	*51.7*		*ug/L*	*50.0*		*103*	*76-130*				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.8*		*ug/L*	*50.0*		*99.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.8*		*ug/L*	*50.0*		*102*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.7*		*ug/L*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60153 - EPA 5035A											
Blank (BA60153-BLK2)								Prepared & Analyzed: 01/06/2026			
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.50	mg/kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	mg/kg wet								
1,2-Dichlorobenzene	ND	0.50	mg/kg wet								
1,1,2-Trichloroethane	ND	0.50	mg/kg wet								
1,1-Dichloroethane	ND	0.50	mg/kg wet								
1,3-Dichlorobenzene	ND	0.50	mg/kg wet								
1,1-Dichloroethylene	ND	0.50	mg/kg wet								
1,4-Dichlorobenzene	ND	0.50	mg/kg wet								
1,1-Dichloropropylene	ND	0.50	mg/kg wet								
1,2,3-Trichlorobenzene	ND	0.50	mg/kg wet								
1,2,3-Trichloropropane	ND	0.50	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.50	mg/kg wet								
1,2,4-Trimethylbenzene	ND	0.50	mg/kg wet								
1,2-Dibromo-3-chloropropane	ND	0.50	mg/kg wet								
1,2-Dibromoethane	ND	0.50	mg/kg wet								
1,2-Dichlorobenzene	ND	0.50	mg/kg wet								
1,2-Dichloroethane	ND	0.50	mg/kg wet								
1,2-Dichloropropane	ND	0.50	mg/kg wet								
1,3,5-Trimethylbenzene	ND	0.50	mg/kg wet								
1,3-Dichlorobenzene	ND	0.50	mg/kg wet								
1,3-Dichloropropane	ND	0.50	mg/kg wet								
1,4-Dichlorobenzene	ND	0.50	mg/kg wet								
2,2-Dichloropropane	ND	0.50	mg/kg wet								
2-Butanone	ND	0.50	mg/kg wet								
2-Chlorotoluene	ND	0.50	mg/kg wet								
2-Hexanone	ND	0.50	mg/kg wet								
4-Chlorotoluene	ND	0.50	mg/kg wet								
4-Methyl-2-pentanone	ND	0.50	mg/kg wet								
Acetone	ND	1.0	mg/kg wet								
Acrolein	ND	1.0	mg/kg wet								
Acrylonitrile	ND	0.50	mg/kg wet								
Benzene	ND	0.50	mg/kg wet								
Bromobenzene	ND	0.50	mg/kg wet								
Bromochloromethane	ND	0.50	mg/kg wet								
Bromodichloromethane	ND	0.50	mg/kg wet								
Bromoform	ND	0.50	mg/kg wet								
Bromomethane	ND	0.50	mg/kg wet								
Carbon disulfide	ND	0.50	mg/kg wet								
Carbon tetrachloride	ND	0.50	mg/kg wet								
Chlorobenzene	ND	0.50	mg/kg wet								
Chloroethane	ND	0.50	mg/kg wet								
Chloroform	ND	0.50	mg/kg wet								
Chloromethane	ND	0.50	mg/kg wet								
cis-1,2-Dichloroethylene	ND	0.50	mg/kg wet								
cis-1,3-Dichloropropylene	ND	0.50	mg/kg wet								
Cyclohexane	ND	0.50	mg/kg wet								
Dibromochloromethane	ND	0.50	mg/kg wet								

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60153 - EPA 5035A											
Blank (BA60153-BLK2)								Prepared & Analyzed: 01/06/2026			
Dibromomethane	ND	0.50	mg/kg wet								
Dichlorodifluoromethane	ND	0.50	mg/kg wet								
Ethyl Benzene	ND	0.50	mg/kg wet								
Hexachlorobutadiene	ND	0.50	mg/kg wet								
Isopropylbenzene	ND	0.50	mg/kg wet								
Methyl acetate	ND	0.50	mg/kg wet								
Methyl tert-butyl ether (MTBE)	ND	0.50	mg/kg wet								
Methylcyclohexane	ND	0.50	mg/kg wet								
Methylene chloride	ND	1.0	mg/kg wet								
n-Butylbenzene	ND	0.50	mg/kg wet								
n-Propylbenzene	ND	0.50	mg/kg wet								
o-Xylene	ND	0.50	mg/kg wet								
p- & m- Xylenes	ND	1.0	mg/kg wet								
Hexachlorobutadiene	ND	0.50	mg/kg wet								
p-Isopropyltoluene	ND	0.50	mg/kg wet								
sec-Butylbenzene	ND	0.50	mg/kg wet								
Styrene	ND	0.50	mg/kg wet								
tert-Butyl alcohol (TBA)	ND	2.5	mg/kg wet								
tert-Butylbenzene	ND	0.50	mg/kg wet								
Tetrachloroethylene	ND	0.50	mg/kg wet								
Toluene	ND	0.50	mg/kg wet								
trans-1,2-Dichloroethylene	ND	0.50	mg/kg wet								
trans-1,3-Dichloropropylene	ND	0.50	mg/kg wet								
Trichloroethylene	ND	0.50	mg/kg wet								
Trichlorofluoromethane	ND	0.50	mg/kg wet								
Vinyl acetate	ND	0.50	mg/kg wet								
Vinyl Chloride	ND	0.50	mg/kg wet								
Xylenes, Total	ND	1.5	mg/kg wet								
Surrogate: SURR: p-Bromofluorobenzene	*55.5*		*ug/L*	*50.0*		*111*	*76-130*				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.0*		*ug/L*	*50.0*		*98.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.4*		*ug/L*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*55.5*		*ug/L*	*50.0*		*111*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60153 - EPA 5035A											
LCS (BA60153-BS2)						Prepared & Analyzed: 01/06/2026					
1,1,1,2-Tetrachloroethane	44.8		ug/L	50.0		89.5	75-129				
1,1,1-Trichloroethane	51.2		ug/L	50.0		102	71-137				
1,1,2,2-Tetrachloroethane	46.3		ug/L	50.0		92.6	79-129				
1,2,4-Trichlorobenzene	50.2		ug/L	50.0		100	80-141				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52.0		ug/L	50.0		104	58-146				
1,2-Dichlorobenzene	47.6		ug/L	50.0		95.1	85-122				
1,1,2-Trichloroethane	45.5		ug/L	50.0		90.9	83-123				
1,1-Dichloroethane	50.6		ug/L	50.0		101	75-130				
1,3-Dichlorobenzene	48.2		ug/L	50.0		96.4	84-124				
1,1-Dichloroethylene	65.2		ug/L	50.0		130	64-137				
1,4-Dichlorobenzene	47.9		ug/L	50.0		95.8	84-124				
1,1-Dichloropropylene	47.8		ug/L	50.0		95.5	77-127				
1,2,3-Trichlorobenzene	47.6		ug/L	50.0		95.2	81-140				
1,2,3-Trichloropropane	45.1		ug/L	50.0		90.3	81-126				
1,2,4-Trichlorobenzene	50.2		ug/L	50.0		100	80-141				
1,2,4-Trimethylbenzene	47.1		ug/L	50.0		94.1	84-125				
1,2-Dibromo-3-chloropropane	40.1		ug/L	50.0		80.1	74-142				
1,2-Dibromoethane	46.6		ug/L	50.0		93.1	86-123				
1,2-Dichlorobenzene	47.6		ug/L	50.0		95.1	85-122				
1,2-Dichloroethane	45.7		ug/L	50.0		91.4	71-133				
1,2-Dichloropropane	45.7		ug/L	50.0		91.4	81-122				
1,3,5-Trimethylbenzene	49.8		ug/L	50.0		99.6	82-126				
1,3-Dichlorobenzene	48.2		ug/L	50.0		96.4	84-124				
1,3-Dichloropropane	45.1		ug/L	50.0		90.2	83-123				
1,4-Dichlorobenzene	47.9		ug/L	50.0		95.8	84-124				
2,2-Dichloropropane	51.3		ug/L	50.0		103	67-136				
2-Butanone	51.6		ug/L	50.0		103	58-147				
2-Chlorotoluene	49.1		ug/L	50.0		98.2	78-127				
2-Hexanone	51.2		ug/L	50.0		102	70-139				
4-Chlorotoluene	49.7		ug/L	50.0		99.5	79-125				
4-Methyl-2-pentanone	48.8		ug/L	50.0		97.6	72-132				
Acetone	55.8		ug/L	50.0		112	36-155				
Acrolein	106		ug/L	200		52.9	10-238				
Acrylonitrile	48.8		ug/L	50.0		97.5	66-141				
Benzene	48.9		ug/L	50.0		97.7	77-127				
Bromobenzene	47.8		ug/L	50.0		95.6	77-129				
Bromochloromethane	48.4		ug/L	50.0		96.9	74-129				
Bromodichloromethane	46.6		ug/L	50.0		93.3	81-124				
Bromoform	42.2		ug/L	50.0		84.4	80-136				
Bromomethane	29.5		ug/L	50.0		59.0	32-177				
Carbon disulfide	56.5		ug/L	50.0		113	10-136				
Carbon tetrachloride	52.6		ug/L	50.0		105	66-143				
Chlorobenzene	46.6		ug/L	50.0		93.2	86-120				
Chloroethane	3.11		ug/L	50.0		6.22	51-142	Low Bias			
Chloroform	46.8		ug/L	50.0		93.5	76-131				
Chloromethane	55.4		ug/L	50.0		111	49-132				
cis-1,2-Dichloroethylene	49.8		ug/L	50.0		99.7	74-132				
cis-1,3-Dichloropropylene	45.6		ug/L	50.0		91.3	81-129				
Cyclohexane	50.6		ug/L	50.0		101	70-130				
Dibromochloromethane	43.7		ug/L	50.0		87.4	10-200				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60153 - EPA 5035A											
LCS (BA60153-BS2)							Prepared & Analyzed: 01/06/2026				
Dibromomethane	46.0		ug/L	50.0		92.0	83-124				
Dichlorodifluoromethane	26.0		ug/L	50.0		52.0	28-158				
Ethyl Benzene	46.8		ug/L	50.0		93.6	84-125				
Hexachlorobutadiene	50.3		ug/L	50.0		101	83-133				
Isopropylbenzene	50.2		ug/L	50.0		100	81-127				
Methyl acetate	41.3		ug/L	50.0		82.6	41-143				
Methyl tert-butyl ether (MTBE)	45.6		ug/L	50.0		91.2	74-131				
Methylcyclohexane	47.2		ug/L	50.0		94.4	70-130				
Methylene chloride	62.4		ug/L	50.0		125	57-141				
n-Butylbenzene	51.8		ug/L	50.0		104	80-130				
n-Propylbenzene	50.1		ug/L	50.0		100	74-136				
o-Xylene	47.2		ug/L	50.0		94.5	83-123				
p- & m- Xylenes	95.1		ug/L	100		95.1	82-128				
Hexachlorobutadiene	50.3		ug/L	50.0		101	83-133				
p-Isopropyltoluene	50.7		ug/L	50.0		101	85-125				
sec-Butylbenzene	49.8		ug/L	50.0		99.6	83-125				
Styrene	45.4		ug/L	50.0		90.7	86-126				
tert-Butyl alcohol (TBA)	82.0		ug/L	250		32.8	70-130	Low Bias			
tert-Butylbenzene	48.3		ug/L	50.0		96.6	80-127				
Tetrachloroethylene	41.5		ug/L	50.0		83.0	80-129				
Toluene	47.3		ug/L	50.0		94.6	85-121				
trans-1,2-Dichloroethylene	55.8		ug/L	50.0		112	72-132				
trans-1,3-Dichloropropylene	44.5		ug/L	50.0		89.0	78-132				
Trichloroethylene	47.5		ug/L	50.0		95.1	84-123				
Trichlorofluoromethane	49.3		ug/L	50.0		98.6	62-140				
Vinyl acetate	47.9		ug/L	50.0		95.8	67-136				
Vinyl Chloride	11.2		ug/L	50.0		22.4	52-130	Low Bias			
Surrogate: SURR: p-Bromofluorobenzene	*51.5*		*ug/L*	*50.0*		*103*	*76-130*				
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.8*		*ug/L*	*50.0*		*95.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.2*		*ug/L*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.5*		*ug/L*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60153 - EPA 5035A											
LCS Dup (BA60153-BSD2)						Prepared & Analyzed: 01/06/2026					
1,1,1,2-Tetrachloroethane	45.4		ug/L	50.0		90.8	75-129		1.44	30	
1,1,1-Trichloroethane	51.8		ug/L	50.0		104	71-137		1.28	30	
1,1,2,2-Tetrachloroethane	46.2		ug/L	50.0		92.5	79-129		0.173	30	
1,2,4-Trichlorobenzene	49.2		ug/L	50.0		98.5	80-141		1.99	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53.4		ug/L	50.0		107	58-146		2.73	30	
1,2-Dichlorobenzene	47.1		ug/L	50.0		94.1	85-122		1.01	30	
1,1,2-Trichloroethane	45.5		ug/L	50.0		91.1	83-123		0.176	30	
1,1-Dichloroethane	51.4		ug/L	50.0		103	75-130		1.61	30	
1,3-Dichlorobenzene	47.9		ug/L	50.0		95.8	84-124		0.666	30	
1,1-Dichloroethylene	66.8		ug/L	50.0		134	64-137		2.42	30	
1,4-Dichlorobenzene	47.6		ug/L	50.0		95.3	84-124		0.503	30	
1,1-Dichloropropylene	48.2		ug/L	50.0		96.3	77-127		0.813	30	
1,2,3-Trichlorobenzene	47.2		ug/L	50.0		94.3	81-140		0.907	30	
1,2,3-Trichloropropane	45.1		ug/L	50.0		90.3	81-126		0.00	30	
1,2,4-Trichlorobenzene	49.2		ug/L	50.0		98.5	80-141		1.99	30	
1,2,4-Trimethylbenzene	46.6		ug/L	50.0		93.2	84-125		0.982	30	
1,2-Dibromo-3-chloropropane	38.8		ug/L	50.0		77.5	74-142		3.35	30	
1,2-Dibromoethane	46.8		ug/L	50.0		93.6	86-123		0.557	30	
1,2-Dichlorobenzene	47.1		ug/L	50.0		94.1	85-122		1.01	30	
1,2-Dichloroethane	46.1		ug/L	50.0		92.3	71-133		0.980	30	
1,2-Dichloropropane	46.4		ug/L	50.0		92.8	81-122		1.56	30	
1,3,5-Trimethylbenzene	49.6		ug/L	50.0		99.3	82-126		0.362	30	
1,3-Dichlorobenzene	47.9		ug/L	50.0		95.8	84-124		0.666	30	
1,3-Dichloropropane	46.1		ug/L	50.0		92.2	83-123		2.19	30	
1,4-Dichlorobenzene	47.6		ug/L	50.0		95.3	84-124		0.503	30	
2,2-Dichloropropane	51.8		ug/L	50.0		104	67-136		0.931	30	
2-Butanone	46.6		ug/L	50.0		93.2	58-147		10.0	30	
2-Chlorotoluene	48.8		ug/L	50.0		97.6	78-127		0.531	30	
2-Hexanone	46.5		ug/L	50.0		93.1	70-139		9.62	30	
4-Chlorotoluene	49.7		ug/L	50.0		99.4	79-125		0.0402	30	
4-Methyl-2-pentanone	46.4		ug/L	50.0		92.8	72-132		5.02	30	
Acetone	44.2		ug/L	50.0		88.3	36-155		23.3	30	
Acrolein	202		ug/L	200		101	10-238		62.4	30	Non-dir.
Acrylonitrile	46.5		ug/L	50.0		93.0	66-141		4.72	30	
Benzene	49.6		ug/L	50.0		99.1	77-127		1.40	30	
Bromobenzene	48.0		ug/L	50.0		95.9	77-129		0.376	30	
Bromochloromethane	49.9		ug/L	50.0		99.7	74-129		2.93	30	
Bromodichloromethane	47.4		ug/L	50.0		94.7	81-124		1.51	30	
Bromoform	41.9		ug/L	50.0		83.8	80-136		0.666	30	
Bromomethane	59.4		ug/L	50.0		119	32-177		67.3	30	Non-dir.
Carbon disulfide	60.4		ug/L	50.0		121	10-136		6.69	30	
Carbon tetrachloride	53.4		ug/L	50.0		107	66-143		1.49	30	
Chlorobenzene	47.0		ug/L	50.0		94.0	86-120		0.855	30	
Chloroethane	47.6		ug/L	50.0		95.3	51-142		175	30	Non-dir.
Chloroform	47.8		ug/L	50.0		95.5	76-131		2.10	30	
Chloromethane	68.2		ug/L	50.0		136	49-132	High Bias	20.7	30	
cis-1,2-Dichloroethylene	50.4		ug/L	50.0		101	74-132		1.10	30	
cis-1,3-Dichloropropylene	46.3		ug/L	50.0		92.7	81-129		1.50	30	
Cyclohexane	50.9		ug/L	50.0		102	70-130		0.532	30	
Dibromochloromethane	44.6		ug/L	50.0		89.1	10-200		1.93	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60153 - EPA 5035A											
LCS Dup (BA60153-BSD2)								Prepared & Analyzed: 01/06/2026			
Dibromomethane	46.4		ug/L	50.0		92.9	83-124		0.995	30	
Dichlorodifluoromethane	145		ug/L	50.0		290	28-158	High Bias	139	30	Non-dir.
Ethyl Benzene	47.0		ug/L	50.0		94.0	84-125		0.426	30	
Hexachlorobutadiene	49.1		ug/L	50.0		98.3	83-133		2.31	30	
Isopropylbenzene	49.6		ug/L	50.0		99.2	81-127		1.24	30	
Methyl acetate	39.7		ug/L	50.0		79.4	41-143		3.95	30	
Methyl tert-butyl ether (MTBE)	46.4		ug/L	50.0		92.7	74-131		1.68	30	
Methylcyclohexane	46.6		ug/L	50.0		93.1	70-130		1.41	30	
Methylene chloride	64.3		ug/L	50.0		129	57-141		3.11	30	
n-Butylbenzene	50.3		ug/L	50.0		101	80-130		2.96	30	
n-Propylbenzene	49.5		ug/L	50.0		99.1	74-136		1.18	30	
o-Xylene	47.4		ug/L	50.0		94.9	83-123		0.423	30	
p- & m- Xylenes	95.1		ug/L	100		95.1	82-128		0.0105	30	
Hexachlorobutadiene	49.1		ug/L	50.0		98.3	83-133		2.31	30	
p-Isopropyltoluene	49.8		ug/L	50.0		99.6	85-125		1.73	30	
sec-Butylbenzene	49.2		ug/L	50.0		98.5	83-125		1.13	30	
Styrene	45.6		ug/L	50.0		91.3	86-126		0.615	30	
tert-Butyl alcohol (TBA)	72.0		ug/L	250		28.8	70-130	Low Bias	13.0	30	
tert-Butylbenzene	48.0		ug/L	50.0		96.0	80-127		0.561	30	
Tetrachloroethylene	41.9		ug/L	50.0		83.7	80-129		0.936	30	
Toluene	47.5		ug/L	50.0		95.1	85-121		0.464	30	
trans-1,2-Dichloroethylene	56.3		ug/L	50.0		113	72-132		0.928	30	
trans-1,3-Dichloropropylene	44.8		ug/L	50.0		89.5	78-132		0.582	30	
Trichloroethylene	48.5		ug/L	50.0		96.9	84-123		1.94	30	
Trichlorofluoromethane	45.8		ug/L	50.0		91.5	62-140		7.41	30	
Vinyl acetate	48.4		ug/L	50.0		96.7	67-136		0.997	30	
Vinyl Chloride	63.9		ug/L	50.0		128	52-130		140	30	Non-dir.
Surrogate: SURR: p-Bromofluorobenzene	*51.7*		*ug/L*	*50.0*		*103*	*76-130*				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.6*		*ug/L*	*50.0*		*97.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.6*		*ug/L*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.7*		*ug/L*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL51973 - EPA 5035A											
Blank (BL51973-BLK1)								Prepared & Analyzed: 01/03/2026			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.0050	mg/kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	mg/kg wet								
1,2-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,1,2-Trichloroethane	ND	0.0050	mg/kg wet								
1,1-Dichloroethane	ND	0.0050	mg/kg wet								
1,3-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,1-Dichloroethylene	ND	0.0050	mg/kg wet								
1,4-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,1-Dichloropropylene	ND	0.0050	mg/kg wet								
1,2,3-Trichlorobenzene	ND	0.0050	mg/kg wet								
1,2,3-Trichloropropane	ND	0.0050	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.0050	mg/kg wet								
1,2,4-Trimethylbenzene	ND	0.0050	mg/kg wet								
1,2-Dibromo-3-chloropropane	ND	0.0050	mg/kg wet								
1,2-Dibromoethane	ND	0.0050	mg/kg wet								
1,2-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,2-Dichloroethane	ND	0.0050	mg/kg wet								
1,2-Dichloropropane	ND	0.0050	mg/kg wet								
1,3,5-Trimethylbenzene	ND	0.0050	mg/kg wet								
1,3-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,3-Dichloropropane	ND	0.0050	mg/kg wet								
1,4-Dichlorobenzene	ND	0.0050	mg/kg wet								
2,2-Dichloropropane	ND	0.0050	mg/kg wet								
2-Butanone	ND	0.0050	mg/kg wet								
2-Chlorotoluene	ND	0.0050	mg/kg wet								
2-Hexanone	ND	0.0050	mg/kg wet								
4-Chlorotoluene	ND	0.0050	mg/kg wet								
4-Methyl-2-pentanone	ND	0.0050	mg/kg wet								
Acetone	ND	0.010	mg/kg wet								
Acrolein	ND	0.010	mg/kg wet								
Acrylonitrile	ND	0.0050	mg/kg wet								
Benzene	ND	0.0050	mg/kg wet								
Bromobenzene	ND	0.0050	mg/kg wet								
Bromochloromethane	ND	0.0050	mg/kg wet								
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	mg/kg wet								
Bromomethane	ND	0.0050	mg/kg wet								
Carbon disulfide	ND	0.0050	mg/kg wet								
Carbon tetrachloride	ND	0.0050	mg/kg wet								
Chlorobenzene	ND	0.0050	mg/kg wet								
Chloroethane	ND	0.0050	mg/kg wet								
Chloroform	ND	0.0050	mg/kg wet								
Chloromethane	ND	0.0050	mg/kg wet								
cis-1,2-Dichloroethylene	ND	0.0050	mg/kg wet								
cis-1,3-Dichloropropylene	ND	0.0050	mg/kg wet								
Cyclohexane	ND	0.0050	mg/kg wet								
Dibromochloromethane	ND	0.0050	mg/kg wet								

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL51973 - EPA 5035A											
Blank (BL51973-BLK1)								Prepared & Analyzed: 01/03/2026			
Dibromomethane	ND	0.0050	mg/kg wet								
Dichlorodifluoromethane	ND	0.0050	mg/kg wet								
Ethyl Benzene	ND	0.0050	mg/kg wet								
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	mg/kg wet								
Methyl acetate	ND	0.0050	mg/kg wet								
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/kg wet								
Methylcyclohexane	ND	0.0050	mg/kg wet								
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	mg/kg wet								
p- & m- Xylenes	ND	0.010	mg/kg wet								
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
p-Isopropyltoluene	ND	0.0050	mg/kg wet								
sec-Butylbenzene	ND	0.0050	mg/kg wet								
Styrene	ND	0.0050	mg/kg wet								
tert-Butyl alcohol (TBA)	ND	0.025	mg/kg wet								
tert-Butylbenzene	ND	0.0050	mg/kg wet								
Tetrachloroethylene	ND	0.0050	mg/kg wet								
Toluene	ND	0.0050	mg/kg wet								
trans-1,2-Dichloroethylene	ND	0.0050	mg/kg wet								
trans-1,3-Dichloropropylene	ND	0.0050	mg/kg wet								
Trichloroethylene	ND	0.0050	mg/kg wet								
Trichlorofluoromethane	ND	0.0050	mg/kg wet								
Vinyl acetate	ND	0.0050	mg/kg wet								
Vinyl Chloride	ND	0.0050	mg/kg wet								
Xylenes, Total	ND	0.015	mg/kg wet								
Surrogate: SURR: p-Bromofluorobenzene	*55.5*		*ug/L*	*50.0*		*111*	*76-130*				
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.9*		*ug/L*	*50.0*		*108*	*77-125*				
Surrogate: SURR: Toluene-d8	*55.4*		*ug/L*	*50.0*		*111*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*55.5*		*ug/L*	*50.0*		*111*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL51973 - EPA 5035A											
LCS (BL51973-BS1)						Prepared & Analyzed: 01/03/2026					
1,1,1,2-Tetrachloroethane	52.1		ug/L	50.0		104	75-129				
1,1,1-Trichloroethane	52.7		ug/L	50.0		105	71-137				
1,1,2,2-Tetrachloroethane	56.0		ug/L	50.0		112	79-129				
1,2,4-Trichlorobenzene	51.5		ug/L	50.0		103	80-141				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	60.6		ug/L	50.0		121	58-146				
1,2-Dichlorobenzene	50.0		ug/L	50.0		99.9	85-122				
1,1,2-Trichloroethane	49.0		ug/L	50.0		98.0	83-123				
1,1-Dichloroethane	51.0		ug/L	50.0		102	75-130				
1,3-Dichlorobenzene	52.2		ug/L	50.0		104	84-124				
1,1-Dichloroethylene	73.0		ug/L	50.0		146	64-137	High Bias			
1,4-Dichlorobenzene	51.6		ug/L	50.0		103	84-124				
1,1-Dichloropropylene	49.8		ug/L	50.0		99.7	77-127				
1,2,3-Trichlorobenzene	50.3		ug/L	50.0		101	81-140				
1,2,3-Trichloropropane	52.8		ug/L	50.0		106	81-126				
1,2,4-Trichlorobenzene	51.5		ug/L	50.0		103	80-141				
1,2,4-Trimethylbenzene	55.1		ug/L	50.0		110	84-125				
1,2-Dibromo-3-chloropropane	51.3		ug/L	50.0		103	74-142				
1,2-Dibromoethane	50.7		ug/L	50.0		101	86-123				
1,2-Dichlorobenzene	50.0		ug/L	50.0		99.9	85-122				
1,2-Dichloroethane	49.9		ug/L	50.0		99.7	71-133				
1,2-Dichloropropane	51.4		ug/L	50.0		103	81-122				
1,3,5-Trimethylbenzene	55.8		ug/L	50.0		112	82-126				
1,3-Dichlorobenzene	52.2		ug/L	50.0		104	84-124				
1,3-Dichloropropane	51.0		ug/L	50.0		102	83-123				
1,4-Dichlorobenzene	51.6		ug/L	50.0		103	84-124				
2,2-Dichloropropane	57.9		ug/L	50.0		116	67-136				
2-Butanone	48.9		ug/L	50.0		97.9	58-147				
2-Chlorotoluene	55.1		ug/L	50.0		110	78-127				
2-Hexanone	55.4		ug/L	50.0		111	70-139				
4-Chlorotoluene	56.2		ug/L	50.0		112	79-125				
4-Methyl-2-pentanone	53.7		ug/L	50.0		107	72-132				
Acetone	69.0		ug/L	50.0		138	36-155				
Acrolein	291		ug/L	200		145	10-238				
Acrylonitrile	48.8		ug/L	50.0		97.7	66-141				
Benzene	48.9		ug/L	50.0		97.7	77-127				
Bromobenzene	58.1		ug/L	50.0		116	77-129				
Bromochloromethane	54.3		ug/L	50.0		109	74-129				
Bromodichloromethane	54.1		ug/L	50.0		108	81-124				
Bromoform	53.1		ug/L	50.0		106	80-136				
Bromomethane	71.2		ug/L	50.0		142	32-177				
Carbon disulfide	69.6		ug/L	50.0		139	10-136	High Bias			
Carbon tetrachloride	54.9		ug/L	50.0		110	66-143				
Chlorobenzene	48.7		ug/L	50.0		97.4	86-120				
Chloroethane	84.1		ug/L	50.0		168	51-142	High Bias			
Chloroform	50.2		ug/L	50.0		100	76-131				
Chloromethane	49.8		ug/L	50.0		99.7	49-132				
cis-1,2-Dichloroethylene	52.2		ug/L	50.0		104	74-132				
cis-1,3-Dichloropropylene	56.0		ug/L	50.0		112	81-129				
Cyclohexane	52.6		ug/L	50.0		105	70-130				
Dibromochloromethane	53.0		ug/L	50.0		106	10-200				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL51973 - EPA 5035A											
LCS (BL51973-BS1)								Prepared & Analyzed: 01/03/2026			
Dibromomethane	50.1		ug/L	50.0		100	83-124				
Dichlorodifluoromethane	67.9		ug/L	50.0		136	28-158				
Ethyl Benzene	52.0		ug/L	50.0		104	84-125				
Hexachlorobutadiene	53.1		ug/L	50.0		106	83-133				
Isopropylbenzene	59.5		ug/L	50.0		119	81-127				
Methyl acetate	63.7		ug/L	50.0		127	41-143				
Methyl tert-butyl ether (MTBE)	60.2		ug/L	50.0		120	74-131				
Methylcyclohexane	50.3		ug/L	50.0		101	70-130				
Methylene chloride	65.5		ug/L	50.0		131	57-141				
n-Butylbenzene	38.7		ug/L	50.0		77.4	80-130	Low Bias			
n-Propylbenzene	55.4		ug/L	50.0		111	74-136				
o-Xylene	53.8		ug/L	50.0		108	83-123				
p- & m- Xylenes	105		ug/L	100		105	82-128				
Hexachlorobutadiene	53.1		ug/L	50.0		106	83-133				
p-Isopropyltoluene	57.5		ug/L	50.0		115	85-125				
sec-Butylbenzene	53.6		ug/L	50.0		107	83-125				
Styrene	49.8		ug/L	50.0		99.6	86-126				
tert-Butyl alcohol (TBA)	257		ug/L	250		103	70-130				
tert-Butylbenzene	47.0		ug/L	50.0		94.1	80-127				
Tetrachloroethylene	43.1		ug/L	50.0		86.2	80-129				
Toluene	51.3		ug/L	50.0		103	85-121				
trans-1,2-Dichloroethylene	67.8		ug/L	50.0		136	72-132	High Bias			
trans-1,3-Dichloropropylene	56.0		ug/L	50.0		112	78-132				
Trichloroethylene	50.2		ug/L	50.0		100	84-123				
Trichlorofluoromethane	61.2		ug/L	50.0		122	62-140				
Vinyl acetate	54.3		ug/L	50.0		109	67-136				
Vinyl Chloride	52.9		ug/L	50.0		106	52-130				
Surrogate: SURR: p-Bromofluorobenzene	*55.5*		*ug/L*	*50.0*		*111*	*76-130*				
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.6*		*ug/L*	*50.0*		*107*	*77-125*				
Surrogate: SURR: Toluene-d8	*53.7*		*ug/L*	*50.0*		*107*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*55.5*		*ug/L*	*50.0*		*111*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL51973 - EPA 5035A											
LCS Dup (BL51973-BSD1)						Prepared & Analyzed: 01/03/2026					
1,1,1,2-Tetrachloroethane	51.9		ug/L	50.0		104	75-129		0.366	30	
1,1,1-Trichloroethane	53.7		ug/L	50.0		107	71-137		1.82	30	
1,1,2,2-Tetrachloroethane	56.2		ug/L	50.0		112	79-129		0.392	30	
1,2,4-Trichlorobenzene	50.9		ug/L	50.0		102	80-141		1.21	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	61.0		ug/L	50.0		122	58-146		0.724	30	
1,2-Dichlorobenzene	50.8		ug/L	50.0		102	85-122		1.67	30	
1,1,2-Trichloroethane	49.5		ug/L	50.0		99.0	83-123		1.02	30	
1,1-Dichloroethane	51.6		ug/L	50.0		103	75-130		1.33	30	
1,3-Dichlorobenzene	53.0		ug/L	50.0		106	84-124		1.54	30	
1,1-Dichloroethylene	73.0		ug/L	50.0		146	64-137	High Bias	0.0685	30	
1,4-Dichlorobenzene	51.8		ug/L	50.0		104	84-124		0.445	30	
1,1-Dichloropropylene	50.2		ug/L	50.0		100	77-127		0.720	30	
1,2,3-Trichlorobenzene	50.0		ug/L	50.0		100	81-140		0.618	30	
1,2,3-Trichloropropane	53.7		ug/L	50.0		107	81-126		1.65	30	
1,2,4-Trichlorobenzene	50.9		ug/L	50.0		102	80-141		1.21	30	
1,2,4-Trimethylbenzene	55.2		ug/L	50.0		110	84-125		0.145	30	
1,2-Dibromo-3-chloropropane	53.0		ug/L	50.0		106	74-142		3.11	30	
1,2-Dibromoethane	51.3		ug/L	50.0		103	86-123		1.16	30	
1,2-Dichlorobenzene	50.8		ug/L	50.0		102	85-122		1.67	30	
1,2-Dichloroethane	50.7		ug/L	50.0		101	71-133		1.63	30	
1,2-Dichloropropane	50.9		ug/L	50.0		102	81-122		0.939	30	
1,3,5-Trimethylbenzene	55.8		ug/L	50.0		112	82-126		0.108	30	
1,3-Dichlorobenzene	53.0		ug/L	50.0		106	84-124		1.54	30	
1,3-Dichloropropane	51.5		ug/L	50.0		103	83-123		1.03	30	
1,4-Dichlorobenzene	51.8		ug/L	50.0		104	84-124		0.445	30	
2,2-Dichloropropane	57.9		ug/L	50.0		116	67-136		0.0346	30	
2-Butanone	50.0		ug/L	50.0		100	58-147		2.18	30	
2-Chlorotoluene	55.2		ug/L	50.0		110	78-127		0.0906	30	
2-Hexanone	57.5		ug/L	50.0		115	70-139		3.68	30	
4-Chlorotoluene	56.7		ug/L	50.0		113	79-125		0.779	30	
4-Methyl-2-pentanone	54.7		ug/L	50.0		109	72-132		1.92	30	
Acetone	68.7		ug/L	50.0		137	36-155		0.552	30	
Acrolein	288		ug/L	200		144	10-238		1.05	30	
Acrylonitrile	50.0		ug/L	50.0		100	66-141		2.39	30	
Benzene	49.6		ug/L	50.0		99.3	77-127		1.58	30	
Bromobenzene	58.0		ug/L	50.0		116	77-129		0.155	30	
Bromochloromethane	55.0		ug/L	50.0		110	74-129		1.32	30	
Bromodichloromethane	53.8		ug/L	50.0		108	81-124		0.538	30	
Bromoform	54.1		ug/L	50.0		108	80-136		1.85	30	
Bromomethane	73.0		ug/L	50.0		146	32-177		2.46	30	
Carbon disulfide	69.2		ug/L	50.0		138	10-136	High Bias	0.634	30	
Carbon tetrachloride	55.1		ug/L	50.0		110	66-143		0.400	30	
Chlorobenzene	49.2		ug/L	50.0		98.3	86-120		0.899	30	
Chloroethane	84.5		ug/L	50.0		169	51-142	High Bias	0.510	30	
Chloroform	50.8		ug/L	50.0		102	76-131		1.05	30	
Chloromethane	52.0		ug/L	50.0		104	49-132		4.30	30	
cis-1,2-Dichloroethylene	52.8		ug/L	50.0		106	74-132		1.01	30	
cis-1,3-Dichloropropylene	55.7		ug/L	50.0		111	81-129		0.555	30	
Cyclohexane	53.2		ug/L	50.0		106	70-130		1.17	30	
Dibromochloromethane	53.1		ug/L	50.0		106	10-200		0.283	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL51973 - EPA 5035A											
LCS Dup (BL51973-BSD1)								Prepared & Analyzed: 01/03/2026			
Dibromomethane	50.1		ug/L	50.0		100	83-124		0.140	30	
Dichlorodifluoromethane	68.9		ug/L	50.0		138	28-158		1.51	30	
Ethyl Benzene	52.4		ug/L	50.0		105	84-125		0.900	30	
Hexachlorobutadiene	52.6		ug/L	50.0		105	83-133		1.06	30	
Isopropylbenzene	58.8		ug/L	50.0		118	81-127		1.07	30	
Methyl acetate	61.2		ug/L	50.0		122	41-143		4.05	30	
Methyl tert-butyl ether (MTBE)	60.9		ug/L	50.0		122	74-131		1.06	30	
Methylcyclohexane	50.1		ug/L	50.0		100	70-130		0.358	30	
Methylene chloride	64.9		ug/L	50.0		130	57-141		0.951	30	
n-Butylbenzene	38.6		ug/L	50.0		77.3	80-130	Low Bias	0.155	30	
n-Propylbenzene	55.2		ug/L	50.0		110	74-136		0.416	30	
o-Xylene	54.4		ug/L	50.0		109	83-123		1.09	30	
p- & m- Xylenes	106		ug/L	100		106	82-128		1.03	30	
Hexachlorobutadiene	52.6		ug/L	50.0		105	83-133		1.06	30	
p-Isopropyltoluene	57.8		ug/L	50.0		116	85-125		0.538	30	
sec-Butylbenzene	54.0		ug/L	50.0		108	83-125		0.651	30	
Styrene	50.6		ug/L	50.0		101	86-126		1.49	30	
tert-Butyl alcohol (TBA)	260		ug/L	250		104	70-130		1.27	30	
tert-Butylbenzene	47.2		ug/L	50.0		94.4	80-127		0.339	30	
Tetrachloroethylene	42.9		ug/L	50.0		85.7	80-129		0.512	30	
Toluene	51.2		ug/L	50.0		102	85-121		0.117	30	
trans-1,2-Dichloroethylene	67.0		ug/L	50.0		134	72-132	High Bias	1.23	30	
trans-1,3-Dichloropropylene	55.7		ug/L	50.0		111	78-132		0.555	30	
Trichloroethylene	49.9		ug/L	50.0		99.9	84-123		0.579	30	
Trichlorofluoromethane	61.9		ug/L	50.0		124	62-140		1.23	30	
Vinyl acetate	54.7		ug/L	50.0		109	67-136		0.734	30	
Vinyl Chloride	54.7		ug/L	50.0		109	52-130		3.29	30	
Surrogate: SURR: p-Bromofluorobenzene	*54.6*		*ug/L*	*50.0*		*109*	*76-130*				
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.7*		*ug/L*	*50.0*		*107*	*77-125*				
Surrogate: SURR: Toluene-d8	*53.1*		*ug/L*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.6*		*ug/L*	*50.0*		*109*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL51974 - EPA 5035A											
Blank (BL51974-BLK1)								Prepared & Analyzed: 12/31/2025			
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1,2,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.0050	mg/kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	mg/kg wet								
1,2-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,1,2-Trichloroethane	ND	0.0050	mg/kg wet								
1,1-Dichloroethane	ND	0.0050	mg/kg wet								
1,3-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,1-Dichloroethylene	ND	0.0050	mg/kg wet								
1,4-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,1-Dichloropropylene	ND	0.0050	mg/kg wet								
1,2,3-Trichlorobenzene	ND	0.0050	mg/kg wet								
1,2,3-Trichloropropane	ND	0.0050	mg/kg wet								
1,2,4-Trichlorobenzene	ND	0.0050	mg/kg wet								
1,2,4-Trimethylbenzene	ND	0.0050	mg/kg wet								
1,2-Dibromo-3-chloropropane	ND	0.0050	mg/kg wet								
1,2-Dibromoethane	ND	0.0050	mg/kg wet								
1,2-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,2-Dichloroethane	ND	0.0050	mg/kg wet								
1,2-Dichloropropane	ND	0.0050	mg/kg wet								
1,3,5-Trimethylbenzene	ND	0.0050	mg/kg wet								
1,3-Dichlorobenzene	ND	0.0050	mg/kg wet								
1,3-Dichloropropane	ND	0.0050	mg/kg wet								
1,4-Dichlorobenzene	ND	0.0050	mg/kg wet								
2,2-Dichloropropane	ND	0.0050	mg/kg wet								
2-Butanone	ND	0.0050	mg/kg wet								
2-Chlorotoluene	ND	0.0050	mg/kg wet								
2-Hexanone	ND	0.0050	mg/kg wet								
4-Chlorotoluene	ND	0.0050	mg/kg wet								
4-Methyl-2-pentanone	ND	0.0050	mg/kg wet								
Acetone	ND	0.010	mg/kg wet								
Acrolein	ND	0.010	mg/kg wet								
Acrylonitrile	ND	0.0050	mg/kg wet								
Benzene	ND	0.0050	mg/kg wet								
Bromobenzene	ND	0.0050	mg/kg wet								
Bromochloromethane	ND	0.0050	mg/kg wet								
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	mg/kg wet								
Bromomethane	ND	0.0050	mg/kg wet								
Carbon disulfide	ND	0.0050	mg/kg wet								
Carbon tetrachloride	ND	0.0050	mg/kg wet								
Chlorobenzene	ND	0.0050	mg/kg wet								
Chloroethane	ND	0.0050	mg/kg wet								
Chloroform	ND	0.0050	mg/kg wet								
Chloromethane	ND	0.0050	mg/kg wet								
cis-1,2-Dichloroethylene	ND	0.0050	mg/kg wet								
cis-1,3-Dichloropropylene	ND	0.0050	mg/kg wet								
Cyclohexane	ND	0.0050	mg/kg wet								
Dibromochloromethane	ND	0.0050	mg/kg wet								

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL51974 - EPA 5035A											
Blank (BL51974-BLK1)								Prepared & Analyzed: 12/31/2025			
Dibromomethane	ND	0.0050	mg/kg wet								
Dichlorodifluoromethane	ND	0.0050	mg/kg wet								
Ethyl Benzene	ND	0.0050	mg/kg wet								
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	mg/kg wet								
Methyl acetate	ND	0.0050	mg/kg wet								
Methyl tert-butyl ether (MTBE)	ND	0.0050	mg/kg wet								
Methylcyclohexane	ND	0.0050	mg/kg wet								
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	mg/kg wet								
p- & m- Xylenes	ND	0.010	mg/kg wet								
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
p-Isopropyltoluene	ND	0.0050	mg/kg wet								
sec-Butylbenzene	ND	0.0050	mg/kg wet								
Styrene	ND	0.0050	mg/kg wet								
tert-Butyl alcohol (TBA)	ND	0.025	mg/kg wet								
tert-Butylbenzene	ND	0.0050	mg/kg wet								
Tetrachloroethylene	ND	0.0050	mg/kg wet								
Toluene	ND	0.0050	mg/kg wet								
trans-1,2-Dichloroethylene	ND	0.0050	mg/kg wet								
trans-1,3-Dichloropropylene	ND	0.0050	mg/kg wet								
Trichloroethylene	ND	0.0050	mg/kg wet								
Trichlorofluoromethane	ND	0.0050	mg/kg wet								
Vinyl acetate	ND	0.0050	mg/kg wet								
Vinyl Chloride	ND	0.0050	mg/kg wet								
Xylenes, Total	ND	0.015	mg/kg wet								
Surrogate: SURR: p-Bromofluorobenzene	*56.0*		*ug/L*	*50.0*		*112*	*76-130*				
Surrogate: SURR: 1,2-Dichloroethane-d4	*54.2*		*ug/L*	*50.0*		*108*	*77-125*				
Surrogate: SURR: Toluene-d8	*55.7*		*ug/L*	*50.0*		*111*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*56.0*		*ug/L*	*50.0*		*112*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL51974 - EPA 5035A											
LCS (BL51974-BS1)						Prepared & Analyzed: 12/31/2025					
1,1,1,2-Tetrachloroethane	45.5		ug/L	50.0		91.1	75-129				
1,1,1-Trichloroethane	45.7		ug/L	50.0		91.4	71-137				
1,1,2,2-Tetrachloroethane	49.6		ug/L	50.0		99.2	79-129				
1,2,4-Trichlorobenzene	46.2		ug/L	50.0		92.3	80-141				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52.7		ug/L	50.0		105	58-146				
1,2-Dichlorobenzene	45.3		ug/L	50.0		90.6	85-122				
1,1,2-Trichloroethane	43.1		ug/L	50.0		86.2	83-123				
1,1-Dichloroethane	44.5		ug/L	50.0		89.0	75-130				
1,3-Dichlorobenzene	47.5		ug/L	50.0		95.1	84-124				
1,1-Dichloroethylene	63.6		ug/L	50.0		127	64-137				
1,4-Dichlorobenzene	46.9		ug/L	50.0		93.7	84-124				
1,1-Dichloropropylene	43.6		ug/L	50.0		87.1	77-127				
1,2,3-Trichlorobenzene	45.1		ug/L	50.0		90.3	81-140				
1,2,3-Trichloropropane	47.0		ug/L	50.0		94.0	81-126				
1,2,4-Trichlorobenzene	46.2		ug/L	50.0		92.3	80-141				
1,2,4-Trimethylbenzene	49.3		ug/L	50.0		98.6	84-125				
1,2-Dibromo-3-chloropropane	45.1		ug/L	50.0		90.2	74-142				
1,2-Dibromoethane	44.9		ug/L	50.0		89.8	86-123				
1,2-Dichlorobenzene	45.3		ug/L	50.0		90.6	85-122				
1,2-Dichloroethane	44.1		ug/L	50.0		88.1	71-133				
1,2-Dichloropropane	45.2		ug/L	50.0		90.3	81-122				
1,3,5-Trimethylbenzene	50.2		ug/L	50.0		100	82-126				
1,3-Dichlorobenzene	47.5		ug/L	50.0		95.1	84-124				
1,3-Dichloropropane	45.6		ug/L	50.0		91.2	83-123				
1,4-Dichlorobenzene	46.9		ug/L	50.0		93.7	84-124				
2,2-Dichloropropane	49.0		ug/L	50.0		98.1	67-136				
2-Butanone	41.4		ug/L	50.0		82.8	58-147				
2-Chlorotoluene	49.7		ug/L	50.0		99.4	78-127				
2-Hexanone	49.5		ug/L	50.0		99.0	70-139				
4-Chlorotoluene	51.2		ug/L	50.0		102	79-125				
4-Methyl-2-pentanone	47.1		ug/L	50.0		94.2	72-132				
Acetone	59.3		ug/L	50.0		119	36-155				
Acrolein	258		ug/L	200		129	10-238				
Acrylonitrile	41.3		ug/L	50.0		82.6	66-141				
Benzene	42.9		ug/L	50.0		85.7	77-127				
Bromobenzene	52.2		ug/L	50.0		104	77-129				
Bromochloromethane	47.4		ug/L	50.0		94.9	74-129				
Bromodichloromethane	47.2		ug/L	50.0		94.4	81-124				
Bromoform	44.8		ug/L	50.0		89.6	80-136				
Bromomethane	44.3		ug/L	50.0		88.6	32-177				
Carbon disulfide	58.7		ug/L	50.0		117	10-136				
Carbon tetrachloride	46.9		ug/L	50.0		93.8	66-143				
Chlorobenzene	43.6		ug/L	50.0		87.2	86-120				
Chloroethane	73.1		ug/L	50.0		146	51-142	High Bias			
Chloroform	43.8		ug/L	50.0		87.5	76-131				
Chloromethane	39.6		ug/L	50.0		79.3	49-132				
cis-1,2-Dichloroethylene	46.1		ug/L	50.0		92.3	74-132				
cis-1,3-Dichloropropylene	48.6		ug/L	50.0		97.1	81-129				
Cyclohexane	46.0		ug/L	50.0		92.0	70-130				
Dibromochloromethane	46.1		ug/L	50.0		92.3	10-200				

Volatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL51974 - EPA 5035A											
LCS (BL51974-BS1)							Prepared & Analyzed: 12/31/2025				
Dibromomethane	44.0		ug/L	50.0		88.0	83-124				
Dichlorodifluoromethane	46.3		ug/L	50.0		92.6	28-158				
Ethyl Benzene	46.7		ug/L	50.0		93.4	84-125				
Hexachlorobutadiene	47.4		ug/L	50.0		94.8	83-133				
Isopropylbenzene	52.6		ug/L	50.0		105	81-127				
Methyl acetate	50.4		ug/L	50.0		101	41-143				
Methyl tert-butyl ether (MTBE)	51.9		ug/L	50.0		104	74-131				
Methylcyclohexane	43.9		ug/L	50.0		87.8	70-130				
Methylene chloride	56.8		ug/L	50.0		114	57-141				
n-Butylbenzene	35.1		ug/L	50.0		70.3	80-130	Low Bias			
n-Propylbenzene	50.2		ug/L	50.0		100	74-136				
o-Xylene	47.9		ug/L	50.0		95.7	83-123				
p- & m- Xylenes	94.5		ug/L	100		94.5	82-128				
Hexachlorobutadiene	47.4		ug/L	50.0		94.8	83-133				
p-Isopropyltoluene	51.9		ug/L	50.0		104	85-125				
sec-Butylbenzene	48.4		ug/L	50.0		96.7	83-125				
Styrene	44.3		ug/L	50.0		88.5	86-126				
tert-Butyl alcohol (TBA)	219		ug/L	250		87.4	70-130				
tert-Butylbenzene	42.0		ug/L	50.0		84.1	80-127				
Tetrachloroethylene	37.8		ug/L	50.0		75.7	80-129	Low Bias			
Toluene	45.2		ug/L	50.0		90.5	85-121				
trans-1,2-Dichloroethylene	59.0		ug/L	50.0		118	72-132				
trans-1,3-Dichloropropylene	48.6		ug/L	50.0		97.1	78-132				
Trichloroethylene	44.3		ug/L	50.0		88.6	84-123				
Trichlorofluoromethane	52.8		ug/L	50.0		106	62-140				
Vinyl acetate	47.2		ug/L	50.0		94.5	67-136				
Vinyl Chloride	43.8		ug/L	50.0		87.7	52-130				
Surrogate: SURR: p-Bromofluorobenzene	*56.2*		*ug/L*	*50.0*		*112*	*76-130*				
Surrogate: SURR: 1,2-Dichloroethane-d4	*53.9*		*ug/L*	*50.0*		*108*	*77-125*				
Surrogate: SURR: Toluene-d8	*53.8*		*ug/L*	*50.0*		*108*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*56.2*		*ug/L*	*50.0*		*112*	*76-130*				

Volatile Organic Compounds by GC/MS TCLP - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL51975 - EPA 5030B/1312											
Blank (BL51975-BLK1)						Prepared & Analyzed: 01/03/2026					
1,1-Dichloroethylene	ND	0.0050	mg/L								
1,4-Dichlorobenzene	ND	0.0050	mg/L								
1,2-Dichloroethane	ND	0.0050	mg/L								
1,4-Dichlorobenzene	ND	0.0050	mg/L								
2-Butanone	ND	0.0050	mg/L								
Benzene	ND	0.0050	mg/L								
Carbon tetrachloride	ND	0.0050	mg/L								
Chlorobenzene	ND	0.0050	mg/L								
Chloroform	ND	0.0050	mg/L								
Tetrachloroethylene	ND	0.0050	mg/L								
Trichloroethylene	ND	0.0050	mg/L								
Vinyl Chloride	ND	0.0050	mg/L								
Surrogate: SURR: p-Bromofluorobenzene	*52.5*		*ug/L*	*50.0*		*105*	*84.2-124*				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.8*		*ug/L*	*50.0*		*104*	*65-135*				
Surrogate: SURR: Toluene-d8	*50.8*		*ug/L*	*50.0*		*102*	*86-118*				
Surrogate: SURR: p-Bromofluorobenzene	*52.5*		*ug/L*	*50.0*		*105*	*84.2-124*				
LCS (BL51975-BS1)						Prepared & Analyzed: 01/03/2026					
1,1-Dichloroethylene	94.0		ug/L	50.0		188	68-134	High Bias			
1,4-Dichlorobenzene	51.6		ug/L	50.0		103	82-124				
1,2-Dichloroethane	55.6		ug/L	50.0		111	69-133				
1,4-Dichlorobenzene	51.6		ug/L	50.0		103	82-124				
2-Butanone	53.0		ug/L	50.0		106	44-169				
Benzene	58.2		ug/L	50.0		116	72-134				
Carbon tetrachloride	60.0		ug/L	50.0		120	62-145				
Chlorobenzene	53.4		ug/L	50.0		107	85-119				
Chloroform	56.2		ug/L	50.0		112	74-131				
Tetrachloroethylene	41.0		ug/L	50.0		82.0	78-133				
Trichloroethylene	53.4		ug/L	50.0		107	81-125				
Vinyl Chloride	85.4		ug/L	50.0		171	42-136	High Bias			
Surrogate: SURR: p-Bromofluorobenzene	*49.1*		*ug/L*	*50.0*		*98.1*	*84.2-124*				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*ug/L*	*50.0*		*101*	*65-135*				
Surrogate: SURR: Toluene-d8	*50.1*		*ug/L*	*50.0*		*100*	*86-118*				
Surrogate: SURR: p-Bromofluorobenzene	*49.1*		*ug/L*	*50.0*		*98.1*	*84.2-124*				

Volatile Organic Compounds by GC/MS TCLP - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL51975 - EPA 5030B/1312											
LCS Dup (BL51975-BSD1)						Prepared & Analyzed: 01/03/2026					
1,1-Dichloroethylene	95.1		ug/L	50.0		190	68-134	High Bias	1.09	30	
1,4-Dichlorobenzene	52.2		ug/L	50.0		104	82-124		1.00	30	
1,2-Dichloroethane	56.9		ug/L	50.0		114	69-133		2.35	30	
1,4-Dichlorobenzene	52.2		ug/L	50.0		104	82-124		1.00	30	
2-Butanone	55.0		ug/L	50.0		110	44-169		3.70	30	
Benzene	59.6		ug/L	50.0		119	72-134		2.45	30	
Carbon tetrachloride	61.1		ug/L	50.0		122	62-145		1.75	30	
Chlorobenzene	54.1		ug/L	50.0		108	85-119		1.32	30	
Chloroform	57.5		ug/L	50.0		115	74-131		2.32	30	
Tetrachloroethylene	42.0		ug/L	50.0		84.1	78-133		2.48	30	
Trichloroethylene	54.1		ug/L	50.0		108	81-125		1.36	30	
Vinyl Chloride	86.9		ug/L	50.0		174	42-136	High Bias	1.78	30	
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*ug/L*	*50.0*		*97.6*	*84.2-124*				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*ug/L*	*50.0*		*101*	*65-135*				
Surrogate: SURR: Toluene-d8	*49.7*		*ug/L*	*50.0*		*99.4*	*86-118*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*ug/L*	*50.0*		*97.6*	*84.2-124*				
Leach Fluid Blank (BL51975-LBK1)						Prepared & Analyzed: 01/03/2026					
1,1-Dichloroethylene	ND	0.050	mg/L								
1,4-Dichlorobenzene	ND	0.050	mg/L								
1,2-Dichloroethane	ND	0.050	mg/L								
1,4-Dichlorobenzene	ND	0.050	mg/L								
2-Butanone	ND	0.050	mg/L								
Benzene	ND	0.050	mg/L								
Carbon tetrachloride	ND	0.050	mg/L								
Chlorobenzene	ND	0.050	mg/L								
Chloroform	ND	0.050	mg/L								
Tetrachloroethylene	ND	0.050	mg/L								
Trichloroethylene	ND	0.050	mg/L								
Vinyl Chloride	ND	0.050	mg/L								
Surrogate: SURR: p-Bromofluorobenzene	*52.2*		*ug/L*	*50.0*		*104*	*84.2-124*				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.6*		*ug/L*	*50.0*		*103*	*65-135*				
Surrogate: SURR: Toluene-d8	*50.8*		*ug/L*	*50.0*		*102*	*86-118*				
Surrogate: SURR: p-Bromofluorobenzene	*52.2*		*ug/L*	*50.0*		*104*	*84.2-124*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL51958 - EPA 3510C/1311											
Blank (BL51958-BLK1)								Prepared & Analyzed: 12/31/2025			
1,4-Dichlorobenzene	ND	0.0100	mg/L								
2,4,5-Trichlorophenol	ND	0.0100	mg/L								
2,4,6-Trichlorophenol	ND	0.0100	mg/L								
2,4-Dinitrotoluene	ND	0.0100	mg/L								
2-Methylphenol	ND	0.0100	mg/L								
1,4-Dichlorobenzene	ND	0.0100	mg/L								
3- & 4-Methylphenols	ND	0.0100	mg/L								
Hexachlorobutadiene	ND	0.0100	mg/L								
Cresols, total	ND	0.0300	mg/L								
Hexachlorobenzene	ND	0.0100	mg/L								
Hexachlorobutadiene	ND	0.0100	mg/L								
Hexachloroethane	ND	0.00500	mg/L								
Nitrobenzene	ND	0.0100	mg/L								
Pentachlorophenol	ND	0.0100	mg/L								
Pyridine	ND	0.0100	mg/L								
Hexachloroethane	ND	0.00500	mg/L								
Nitrobenzene	ND	0.0100	mg/L								
Surrogate: SURR: 2-Fluorophenol	*0.0480*		*mg/L*	*0.100*		*48.0*	*10-90.9*				
Surrogate: SURR: Phenol-d6	*0.0619*		*mg/L*	*0.100*		*61.9*	*10-69.2*				
Surrogate: SURR: Nitrobenzene-d5	*0.0623*		*mg/L*	*0.0500*		*125*	*19.2-141*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.0422*		*mg/L*	*0.0500*		*84.4*	*24.8-127*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.100*		*mg/L*	*0.100*		*100*	*23-163*				
Surrogate: SURR: Terphenyl-d14	*0.0767*		*mg/L*	*0.0500*		*153*	*25.8-110*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL51958 - EPA 3510C/1311											
LCS (BL51958-BS1)						Prepared & Analyzed: 12/31/2025					
1,4-Dichlorobenzene	0.0274	0.0100	mg/L	0.0500		54.7	30-105				
2,4,5-Trichlorophenol	0.0355	0.0100	mg/L	0.0500		71.0	32-114				
2,4,6-Trichlorophenol	0.0327	0.0100	mg/L	0.0500		65.3	35-118				
2,4-Dinitrotoluene	0.0317	0.0100	mg/L	0.0500		63.4	41-128				
2-Methylphenol	0.0180	0.0100	mg/L	0.0500		36.0	10-110				
1,4-Dichlorobenzene	0.0274	0.0100	mg/L	0.0500		54.7	30-105				
3- & 4-Methylphenols	0.0210	0.0100	mg/L	0.0500		42.0	10-107				
Hexachlorobutadiene	0.0281	0.0100	mg/L	0.0500		56.2	15-123				
Cresols, total	0.0390	0.0300	mg/L	0.100		39.0	30-130				
Hexachlorobenzene	0.0433	0.0100	mg/L	0.0500		86.6	23-124				
Hexachlorobutadiene	0.0281	0.0100	mg/L	0.0500		56.2	15-123				
Hexachloroethane	0.0294	0.00500	mg/L	0.0500		58.9	18-115				
Nitrobenzene	0.0372	0.0100	mg/L	0.0500		74.4	21-121				
Pentachlorophenol	0.0110	0.0100	mg/L	0.0500		21.9	10-156				
Pyridine	0.0126	0.0100	mg/L	0.0700		18.0	10-90				
Hexachloroethane	0.0294	0.00500	mg/L	0.0500		58.9	18-115				
Nitrobenzene	0.0372	0.0100	mg/L	0.0500		74.4	21-121				
Surrogate: SURR: 2-Fluorophenol	*0.0478*		*mg/L*	*0.100*		*47.8*	*10-90.9*				
Surrogate: SURR: Phenol-d6	*0.00182*		*mg/L*	*0.100*		*1.82*	*10-69.2*				
Surrogate: SURR: Nitrobenzene-d5	*0.0367*		*mg/L*	*0.0500*		*73.4*	*19.2-141*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.0325*		*mg/L*	*0.0500*		*65.1*	*24.8-127*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.0615*		*mg/L*	*0.100*		*61.5*	*23-163*				
Surrogate: SURR: Terphenyl-d14	*0.0424*		*mg/L*	*0.0500*		*84.9*	*25.8-110*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL51958 - EPA 3510C/1311											
LCS Dup (BL51958-BSD1)						Prepared & Analyzed: 12/31/2025					
1,4-Dichlorobenzene	0.0251	0.0100	mg/L	0.0500		50.1	30-105		8.78	20	
2,4,5-Trichlorophenol	0.0324	0.0100	mg/L	0.0500		64.8	32-114		9.19	20	
2,4,6-Trichlorophenol	0.0307	0.0100	mg/L	0.0500		61.3	35-118		6.32	20	
2,4-Dinitrotoluene	0.0274	0.0100	mg/L	0.0500		54.8	41-128		14.6	20	
2-Methylphenol	0.0164	0.0100	mg/L	0.0500		32.8	10-110		9.18	20	
1,4-Dichlorobenzene	0.0251	0.0100	mg/L	0.0500		50.1	30-105		8.78	20	
3- & 4-Methylphenols	0.0189	0.0100	mg/L	0.0500		37.8	10-107		10.3	20	
Hexachlorobutadiene	0.0238	0.0100	mg/L	0.0500		47.6	15-123		16.6	20	
Cresols, total	0.0353	0.0300	mg/L	0.100		35.3	30-130		9.80	20	
Hexachlorobenzene	0.0407	0.0100	mg/L	0.0500		81.5	23-124		6.14	20	
Hexachlorobutadiene	0.0238	0.0100	mg/L	0.0500		47.6	15-123		16.6	20	
Hexachloroethane	0.0273	0.00500	mg/L	0.0500		54.6	18-115		7.62	20	
Nitrobenzene	0.0322	0.0100	mg/L	0.0500		64.3	21-121		14.5	20	
Pentachlorophenol	0.0117	0.0100	mg/L	0.0500		23.3	10-156		6.19	20	
Pyridine	0.00894	0.0100	mg/L	0.0700		12.8	10-90		34.0	20	Non-dir.
Hexachloroethane	0.0273	0.00500	mg/L	0.0500		54.6	18-115		7.62	20	
Nitrobenzene	0.0322	0.0100	mg/L	0.0500		64.3	21-121		14.5	20	
Surrogate: SURR: 2-Fluorophenol	*0.0445*		*mg/L*	*0.100*		*44.5*	*10-90.9*				
Surrogate: SURR: Phenol-d6	*0.00154*		*mg/L*	*0.100*		*1.54*	*10-69.2*				
Surrogate: SURR: Nitrobenzene-d5	*0.0323*		*mg/L*	*0.0500*		*64.6*	*19.2-141*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.0296*		*mg/L*	*0.0500*		*59.2*	*24.8-127*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.0582*		*mg/L*	*0.100*		*58.2*	*23-163*				
Surrogate: SURR: Terphenyl-d14	*0.0405*		*mg/L*	*0.0500*		*81.0*	*25.8-110*				

Gas Chromatography/Flame Ionization Detector - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BA60136 - EPA 3550C											
Blank (BA60136-BLK1)								Prepared: 01/06/2026 Analyzed: 01/07/2026			
Total Petroleum Hydrocarbons-DRO	ND	9.90	mg/kg wet								
Surrogate: Triacontane	*4.48*		*mg/kg wet*	*9.90*		*45.2*	*30-150*				
LCS (BA60136-BS1)								Prepared: 01/06/2026 Analyzed: 01/07/2026			
Total Petroleum Hydrocarbons-DRO	164	9.90	mg/kg wet	170		96.1	40-140				
Surrogate: Triacontane	*4.76*		*mg/kg wet*	*9.90*		*48.1*	*30-150*				
Batch BL51927 - EPA 5035A											
Blank (BL51927-BLK1)								Prepared & Analyzed: 12/30/2025			
Total Petroleum Hydrocarbons-GRO	ND	80.0	mg/kg wet								
Surrogate: SURR: p-Bromofluorobenzene	*185*		*ug/L*	*200*		*92.3*	*52-146*				
Surrogate: SURR: p-Bromofluorobenzene	*185*		*ug/L*	*200*		*92.3*	*52-146*				
Reference (BL51927-SRM1)								Prepared & Analyzed: 12/30/2025			
Total Petroleum Hydrocarbons-GRO	298	20.0	mg/kg wet	386		77.1	30-188.3				
Surrogate: SURR: p-Bromofluorobenzene	*195*		*ug/L*	*200*		*97.3*	*52-146*				
Surrogate: SURR: p-Bromofluorobenzene	*195*		*ug/L*	*200*		*97.3*	*52-146*				
Batch BL51960 - EPA 3550C											
Blank (BL51960-BLK1)								Prepared: 12/31/2025 Analyzed: 01/03/2026			
Total Petroleum Hydrocarbons-DRO	ND	10.0	mg/kg wet								
Total Petroleum Hydrocarbons-ORO	ND	10.0	mg/kg wet								
Surrogate: Triacontane	*4.71*		*mg/kg wet*	*10.0*		*47.1*	*30-150*				
Surrogate: Triacontane	*4.71*		*mg/kg wet*	*10.0*		*47.1*	*30-150*				

Gas Chromatography/Flame Ionization Detector - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL51960 - EPA 3550C											
LCS (BL51960-BS1)						Prepared: 12/31/2025 Analyzed: 01/04/2026					
Total Petroleum Hydrocarbons-DRO	113	10.0	mg/kg wet	172		65.9	40-140				
Total Petroleum Hydrocarbons-ORO	113	10.0	mg/kg wet	172		65.9	40-140				
Surrogate: Triacontane	*5.53*		*mg/kg wet*	*10.0*		*55.3*	*30-150*				
Surrogate: Triacontane	*5.53*		*mg/kg wet*	*10.0*		*55.3*	*30-150*				
Batch BL51968 - EPA 5035A											
Blank (BL51968-BLK1)						Prepared & Analyzed: 12/31/2025					
Total Petroleum Hydrocarbons-GRO	ND	80.0	mg/kg wet								
Surrogate: SURR: p-Bromofluorobenzene	*152*		*ug/L*	*200*		*76.0*	*52-146*				
Surrogate: SURR: p-Bromofluorobenzene	*152*		*ug/L*	*200*		*76.0*	*52-146*				
Reference (BL51968-SRM1)						Prepared & Analyzed: 12/31/2025					
Total Petroleum Hydrocarbons-GRO	291	20.0	mg/kg wet	386		75.5	30-188.3				
Surrogate: SURR: p-Bromofluorobenzene	*164*		*ug/L*	*200*		*81.9*	*52-146*				
Surrogate: SURR: p-Bromofluorobenzene	*164*		*ug/L*	*200*		*81.9*	*52-146*				

Leachate Preparations - Quality Control Data

ALS Environmental - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL51918 - EPA SW 846-1311 TCLP ZHE for VOA											
TCLP LEACH BLANK (BL51918-BLK1)									Prepared: 12/30/2025 Analyzed: 12/31/2025		
TCLP Extraction	Completed	1.00	N/A								
Batch BL51919 - EPA SW 846-1311 TCLP extr. for SVOA/PEST/HERBS											
TCLP LEACH BLANK (BL51919-BLK1)									Prepared: 12/30/2025 Analyzed: 12/31/2025		
TCLP Extraction	Completed	1.00	N/A								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25L1381-01	SB-1 (13-14)	40mL Vial with Stir Bar-Cool 4° C
25L1381-01	SB-1 (13-14)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
25L1381-01	SB-1 (13-14)	40mL 01_Clear Vial Cool to 4° C
25L1381-02	SB-2 (26-27)	40mL Vial with Stir Bar-Cool 4° C
25L1381-02	SB-2 (26-27)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
25L1381-02	SB-2 (26-27)	40mL 01_Clear Vial Cool to 4° C
25L1381-03	SB-3 (27-28)	40mL Vial with Stir Bar-Cool 4° C
25L1381-03	SB-3 (27-28)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
25L1381-03	SB-3 (27-28)	40mL 01_Clear Vial Cool to 4° C
25L1381-04	SB-4 (23-24)	40mL Vial with Stir Bar-Cool 4° C
25L1381-04	SB-4 (23-24)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
25L1381-04	SB-4 (23-24)	40mL 01_Clear Vial Cool to 4° C
25L1381-05	SB-5 (26-27)	40mL Vial with Stir Bar-Cool 4° C
25L1381-05	SB-5 (26-27)	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
25L1381-05	SB-5 (26-27)	40mL 01_Clear Vial Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-COMP	Completed
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
/\	Analyte is not certified but the state of sample origination offer certification for the Analyte

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, ALS reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

USA environmental

ALS' Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for ALS to proceed with the analyses requested below. Your signature binds you to ALS' Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK 800-306-9675

ALS Project Number: 25L-1381

Page 1 of 1

Report To:	Invoice To:
Company: Tenen Env LLC	Company: →
Address: 121 W 27th St NY NY 10001	Address: →
Phone.: 646 606 2332	Phone.: →
Contact: Hlau	Contact: →
E-mail: Hlau@tenen-env.com	E-mail: →

YOUR Project Name / Number: 37 Otsego St

PO Number:

Samples Collected From: NY X | CT | NJ | PA | Other: (please specify)

Turn-Around Time: RUSH - Next Day | RUSH - Two Day | RUSH - Three Day | RUSH - Four Day | RUSH - Five Day | Standard (6-9 Day) X | PFAS Standard 7-10 Day

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by ALS are resolved.

HP Lau

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/solid/sludge; GW - groundwater; DW - drinking water; SW - surface water; WW - wastewater; O - Oil; Other

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	TCLP VOCs	TCLP SVOCs	Total VOCs	Total SVOCs	TPH	DRO	ORO	Grab or Comp.
SB-1 (13-14)	12/23/25	1000	S											X	X	X	X	X	X	X	G/C
SB-2 (26-27)		1255	S											X	X	X	X	X	X	X	
SB-3 (27-28)		1330	S											X	X	X	X	X	X	X	
SB-4 (23-24)		1400	S											X	X	X	X	X	X	X	
SB-5 (26-27)		1545	S											X	X	X	X	X	X	X	

Report Type (circle): QA Report; Summary (Results Only); NY ASP B Package; NJ Reduced; NJ DKQP; NJ Full; CT RCP

EDD Type (circle): EQuIS (standard); NYSDEC EQuIS; NJDEP SRP Haz Site; Standard Excel; CMDP; Other:

Regulatory Comparative

Compared to the following Regulation(s): (please fill in)

Field Filtered | Lab Filtered

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC Labels Agree: Y / N Preservation Confirmed: Y / N

COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N

Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	12/23/25		12/24/25 12:10		12/24/25 13:00
2. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
12/24/25	13:00 3.2			12/24/25	15:00
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
12/24/25	19:10				12/24/25 19:10 30 Degrees C

Technical Report

prepared for:

Tenen Environmental
121 W 27th Street, Suite 303
New York NY, 10001
Attention: Matthew Carroll

Report Date: 07/15/2025
Client Project ID: 39 Otsego St
York Project (SDG) No.: 25G0311

Revision No. 1.0

Stratford, CT Laboratory IDs:
NY:10854, NJ: CT005, PA: 68-0440, CT: PH-0723

Richmond Hill, NY Laboratory IDs:
NY:12058, NJ: NY037, CT: PH-0721, NH: 2097,
EPA: NY01600

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 07/15/2025
Client Project ID: 39 Otsego St
York Project (SDG) No.: 25G0311

Tenen Environmental
121 W 27th Street, Suite 303
New York NY, 10001
Attention: Matthew Carroll

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 03, 2025 and listed below. The project was identified as your project: **39 Otsego St**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
25G0311-01	SB-5e-25ft	Soil	07/03/2025	07/03/2025
25G0311-02	SB-4e-25ft	Soil	07/03/2025	07/03/2025
25G0311-03	SB-3e-28ft	Soil	07/03/2025	07/03/2025
25G0311-04	SB-2e-28ft	Soil	07/03/2025	07/03/2025
25G0311-05	SB-1e-15ft	Soil	07/03/2025	07/03/2025

General Notes for York Project (SDG) No.: 25G0311

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854, NJ Cert No. CT005, PA Cert No. 68-04440, CT Cert No. PH-0723; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058, NJ Cert No. NY037, CT Cert No. PH-0721, NH Cert No. 2097, EPA Cert No. NY01600.

Approved By: Cassie L. Mosher

Cassie L. Mosher
Laboratory Manager

Date: 07/15/2025

Sample Information

Client Sample ID: SB-5e-25ft

York Sample ID: 25G0311-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 9:21 am	07/03/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D Certifications:	07/08/2025 13:51	07/09/2025 02:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D Certifications:	07/08/2025 13:51	07/09/2025 02:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D Certifications:	07/08/2025 13:51	07/09/2025 02:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
95-63-6	**1,2,4-Trimethylbenzene**	**3.4**		mg/kg dry	0.12	0.25	100	EPA 8260D Certifications:	07/09/2025 13:51	07/09/2025 23:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PRS
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D Certifications:	07/08/2025 13:51	07/09/2025 02:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D Certifications:	07/08/2025 13:51	07/09/2025 02:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
108-67-8	**1,3,5-Trimethylbenzene**	**0.39**		mg/kg dry	0.0033	0.0066	1	EPA 8260D Certifications:	07/08/2025 13:51	07/09/2025 02:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PRS
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D Certifications:	07/08/2025 13:51	07/09/2025 02:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D Certifications:	07/08/2025 13:51	07/09/2025 02:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.066	0.13	1	EPA 8260D Certifications:	07/08/2025 13:51	07/09/2025 02:42 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440	PRS
78-93-3	**2-Butanone**	**0.0037**	J	mg/kg dry	0.0033	0.0066	1	EPA 8260D Certifications:	07/08/2025 13:51	07/09/2025 02:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PRS
67-64-1	**Acetone**	**0.020**	CCVE	mg/kg dry	0.0066	0.013	1	EPA 8260D Certifications:	07/08/2025 13:51	07/09/2025 02:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PRS
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D Certifications:	07/08/2025 13:51	07/09/2025 02:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D Certifications:	07/08/2025 13:51	07/09/2025 02:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D Certifications:	07/08/2025 13:51	07/09/2025 02:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D Certifications:	07/08/2025 13:51	07/09/2025 02:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D Certifications:	07/08/2025 13:51	07/09/2025 02:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
100-41-4	**Ethyl Benzene**	**1.7**		mg/kg dry	0.12	0.25	100	EPA 8260D Certifications:	07/09/2025 13:51	07/09/2025 23:39 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PRS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D Certifications:	07/08/2025 13:51	07/09/2025 02:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
75-09-2	Methylene chloride	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D Certifications:	07/08/2025 13:51	07/09/2025 02:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,	PRS
91-20-3	**Naphthalene**	**140**		mg/kg dry	1.2	4.9	1000	EPA 8260D Certifications:	07/09/2025 13:51	07/10/2025 16:03 NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0444(	PRS
104-51-8	**n-Butylbenzene**	**0.42**		mg/kg dry	0.0033	0.0066	1	EPA 8260D Certifications:	07/08/2025 13:51	07/09/2025 02:42 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005	PRS

Sample Information

Client Sample ID: SB-5e-25ft

York Sample ID: 25G0311-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 9:21 am	07/03/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	**n-Propylbenzene**	**2.4**		mg/kg dry	0.12	0.25	100	EPA 8260D	07/09/2025 13:51	07/09/2025 23:39	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
95-47-6	**o-Xylene**	**0.049**		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/08/2025 13:51	07/09/2025 02:42	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04		
179601-23-1	**p- & m- Xylenes**	**0.050**		mg/kg dry	0.0066	0.013	1	EPA 8260D	07/08/2025 13:51	07/09/2025 02:42	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04		
135-98-8	**sec-Butylbenzene**	**0.060**		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/08/2025 13:51	07/09/2025 02:42	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/08/2025 13:51	07/09/2025 02:42	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/08/2025 13:51	07/09/2025 02:42	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/08/2025 13:51	07/09/2025 02:42	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/08/2025 13:51	07/09/2025 02:42	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/08/2025 13:51	07/09/2025 02:42	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	07/08/2025 13:51	07/09/2025 02:42	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
1330-20-7	**Xylenes, Total**	**0.099**		mg/kg dry	0.0099	0.020	1	EPA 8260D	07/08/2025 13:51	07/09/2025 02:42	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*105 %*	*76-130*

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		

Sample Information

Client Sample ID: SB-5e-25ft

York Sample ID: 25G0311-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 9:21 am	07/03/2025

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-93-2	*** 1,2,4,5-Tetramethylbenzene**	**5.7**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	**1,2,4-Trimethylbenzene**	**18**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-67-8	**1,3,5-Trimethylbenzene**	**3.6**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	**2-Butanone**	**0.41**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			

Sample Information

Client Sample ID: SB-5e-25ft

York Sample ID: 25G0311-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 9:21 am	07/03/2025

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**3.0**		ug/L	1.0	2.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
74-83-9	Bromomethane	ND	QL-02, CCVE	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-15-0	**Carbon disulfide**	**0.61**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
67-66-3	**Chloroform**	**0.55**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.40	0.80	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	**Ethyl Benzene**	**16**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

Sample Information

Client Sample ID: SB-5e-25ft

York Sample ID: 25G0311-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 9:21 am	07/03/2025

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.40	0.80	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-88-4	* Iodomethane	ND	QL-02, CCVE	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications:			
98-82-8	**Isopropylbenzene**	**8.0**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
80-62-6	Methyl Methacrylate	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**11**		ug/L	1.0	2.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
91-20-3	**Naphthalene**	**640**	QL-02, CCVE	ug/L	25	50	25	EPA 8260C/1312	07/08/2025 08:00	07/09/2025 16:01	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0444(			
104-51-8	**n-Butylbenzene**	**0.66**	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
103-65-1	**n-Propylbenzene**	**10**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
95-47-6	**o-Xylene**	**1.2**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04			
179601-23-1	**p- & m- Xylenes**	**1.2**		ug/L	0.50	1.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04			
105-05-5	*** p-Diethylbenzene**	**4.1**	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications:			
622-96-8	*** p-Ethyltoluene**	**6.7**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications:			
99-87-6	**p-Isopropyltoluene**	**2.8**	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
135-98-8	**sec-Butylbenzene**	**0.33**	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.0	8.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.40	0.80	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB-5e-25ft

York Sample ID: 25G0311-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 9:21 am	07/03/2025

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
127-18-4	**Tetrachloroethylene**	**4.7**	QL-02, CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
109-99-9	* Tetrahydrofuran	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications:			
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-05-4	Vinyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
1330-20-7	**Xylenes, Total**	**2.4**		ug/L	0.60	1.5	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 17:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.4 %*	*79-122*

Semi-Volatiles, 8270 NYDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:24	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:24	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	**Acenaphthene**	**1.08**		mg/kg dry	0.0548	0.109	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:24	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:24	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB-5e-25ft

York Sample ID: 25G0311-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 9:21 am	07/03/2025

Semi-Volatiles, 8270 NYDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	**Anthracene**	**0.614**		mg/kg dry	0.0548	0.109	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
56-55-3	**Benzo(a)anthracene**	**0.101**	J	mg/kg dry	0.0548	0.109	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
218-01-9	**Chrysene**	**0.0971**	J	mg/kg dry	0.0548	0.109	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
132-64-9	**Dibenzofuran**	**0.228**		mg/kg dry	0.0548	0.109	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
206-44-0	**Fluoranthene**	**0.352**		mg/kg dry	0.0548	0.109	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
86-73-7	**Fluorene**	**1.00**		mg/kg dry	0.0548	0.109	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:24	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-20-3	**Naphthalene**	**6.53**		mg/kg dry	0.274	0.547	10	EPA 8270E	07/07/2025 08:57	07/09/2025 16:39	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-01-8	**Phenanthrene**	**2.25**		mg/kg dry	0.0548	0.109	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
108-95-2	Phenol	ND		mg/kg dry	0.0548	0.109	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
129-00-0	**Pyrene**	**0.417**		mg/kg dry	0.0548	0.109	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:24	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*47.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*39.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*35.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*44.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*66.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*50.9 %*	*24-116*

Sample Information

Client Sample ID: SB-5e-25ft

York Sample ID: 25G0311-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 9:21 am	07/03/2025

SVOA, SPLP Low Part 375

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1312	07/11/2025 08:19	07/11/2025 20:10	AK
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D/1312	07/11/2025 08:19	07/11/2025 20:10	AK
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1312	07/11/2025 08:19	07/11/2025 20:10	AK
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*27.8 %*	*12-64*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*15.3 %*	*10-82*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*43.0 %*	*12-96*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*44.6 %*	*16-84*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*49.6 %*	*15-104*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*55.0 %*	*15-106*

SVOA, SPLP SIM Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**34.6**		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 11:37	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
208-96-8	**Acenaphthylene**	**2.40**		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 11:37	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
208-96-8	**Acenaphthylene**	**0.950**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 17:55	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
120-12-7	**Anthracene**	**4.10**		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 11:37	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
120-12-7	**Anthracene**	**3.47**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 17:55	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 11:37	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.200**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 17:55	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 11:37	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**0.0800**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 17:55	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 11:37	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.0600**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 17:55	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 11:37	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 17:55	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB-5e-25ft

York Sample ID: 25G0311-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 9:21 am	07/03/2025

SVOA, SPLP SIM Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.500	10	EPA 8270D SIM/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	07/11/2025 08:20	07/14/2025 11:37	AAK
207-08-9	**Benzo(k)fluoranthene**	**0.0500**		ug/L	0.0500	1	EPA 8270D SIM/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440	07/11/2025 08:20	07/11/2025 17:55	AAK
218-01-9	Chrysene	ND		ug/L	0.500	10	EPA 8270D SIM/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 08:20	07/14/2025 11:37	AAK
218-01-9	**Chrysene**	**0.180**		ug/L	0.0500	1	EPA 8270D SIM/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	07/11/2025 08:20	07/11/2025 17:55	AAK
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.500	10	EPA 8270D SIM/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 08:20	07/14/2025 11:37	AAK
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 08:20	07/11/2025 17:55	AAK
206-44-0	**Fluoranthene**	**1.40**		ug/L	0.500	10	EPA 8270D SIM/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	07/11/2025 08:20	07/14/2025 11:37	AAK
206-44-0	**Fluoranthene**	**1.29**		ug/L	0.0500	1	EPA 8270D SIM/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	07/11/2025 08:20	07/11/2025 17:55	AAK
86-73-7	**Fluorene**	**19.5**		ug/L	0.500	10	EPA 8270D SIM/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	07/11/2025 08:20	07/14/2025 11:37	AAK
118-74-1	Hexachlorobenzene	ND	CCVE	ug/L	0.200	10	EPA 8270D SIM/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/11/2025 08:20	07/14/2025 11:37	AAK
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/11/2025 08:20	07/11/2025 17:55	AAK
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.500	10	EPA 8270D SIM/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 08:20	07/14/2025 11:37	AAK
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 08:20	07/11/2025 17:55	AAK
91-20-3	Naphthalene	ND		ug/L	0.500	10	EPA 8270D SIM/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 08:20	07/14/2025 11:37	AAK
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440	07/11/2025 08:20	07/11/2025 17:55	AAK
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	2.50	10	EPA 8270D SIM/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/11/2025 08:20	07/14/2025 11:37	AAK
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005	07/11/2025 08:20	07/11/2025 17:55	AAK
85-01-8	**Phenanthrene**	**18.1**		ug/L	0.500	10	EPA 8270D SIM/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	07/11/2025 08:20	07/14/2025 11:37	AAK
129-00-0	**Pyrene**	**1.40**		ug/L	0.500	10	EPA 8270D SIM/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	07/11/2025 08:20	07/14/2025 11:37	AAK
129-00-0	**Pyrene**	**1.26**		ug/L	0.0500	1	EPA 8270D SIM/1312 Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(	07/11/2025 08:20	07/11/2025 17:55	AAK

Total Petroleum Hydrocarbons-DRO (C10-C28)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB-5e-25ft

York Sample ID: 25G0311-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 9:21 am	07/03/2025

Total Petroleum Hydrocarbons-DRO (C10-C28)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68334-30-5	**Total Petroleum Hydrocarbons-DRO**	**176**		mg/kg dry	12.4	1	EPA 8015D	07/13/2025 08:49	07/14/2025 04:39	GXB
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*48.7 %*	*30-150*

Total Petroleum Hydrocarbons-ORO (C20-C36)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68334-30-5	**Total Petroleum Hydrocarbons-DRO**	**25.9**		mg/kg dry	12.4	1	EPA 8015D	07/13/2025 08:49	07/14/2025 04:39	GXB
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*48.7 %*	*30-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**75.5**		%	0.100	1	SM 2540G	07/08/2025 16:14	07/08/2025 18:20	MJD
							Certifications:	CTDOH-PH-0723		

SPLP Extraction for SVOC/PEST/HERB 1312

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP Extraction for BNA/Pest/Herb

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	07/07/2025 14:36	07/08/2025 15:24	JRO
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

SPLP Extraction for VOA by EPA 1312 ZHE

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 ZHE for SPLP Volatiles

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	07/07/2025 14:39	07/08/2025 15:24	JRO
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-4e-25ft

York Sample ID: 25G0311-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 11:20 am	07/03/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 03:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 03:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 03:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
95-63-6	**1,2,4-Trimethylbenzene**	**0.047**		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 03:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 03:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 03:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-67-8	**1,3,5-Trimethylbenzene**	**0.0032**	J	mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 03:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 03:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 03:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.090	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 03:13	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
78-93-3	**2-Butanone**	**0.0039**	J	mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 03:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
67-64-1	**Acetone**	**0.026**		mg/kg dry	0.0045	0.0090	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 03:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
71-43-2	**Benzene**	**0.0026**	J	mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 03:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 03:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 03:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 03:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 03:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
100-41-4	**Ethyl Benzene**	**0.063**		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 03:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 03:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 03:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
91-20-3	**Naphthalene**	**82**		mg/kg dry	3.2	13	500	EPA 8260D Certifications:	07/09/2025 13:51	07/10/2025 00:07	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0444(
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	07/07/2025 11:27	07/08/2025 03:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,

Sample Information

Client Sample ID: SB-4e-25ft

York Sample ID: 25G0311-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 11:20 am	07/03/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	**n-Propylbenzene**	**0.026**		mg/kg dry	0.0022	0.0045	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:13	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
95-47-6	**o-Xylene**	**0.0056**		mg/kg dry	0.0022	0.0045	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:13	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04		
179601-23-1	**p- & m- Xylenes**	**0.012**		mg/kg dry	0.0045	0.0090	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:13	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:13	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:13	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:13	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:13	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:13	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:13	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:13	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
1330-20-7	**Xylenes, Total**	**0.017**		mg/kg dry	0.0067	0.013	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:13	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.1 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		

Sample Information

Client Sample ID: SB-4e-25ft

York Sample ID: 25G0311-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 11:20 am	07/03/2025

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-93-2	*** 1,2,4,5-Tetramethylbenzene**	**3.4**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	**1,2,4-Trimethylbenzene**	**13**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-67-8	**1,3,5-Trimethylbenzene**	**1.6**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	**2-Butanone**	**1.5**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			

Sample Information

Client Sample ID: SB-4e-25ft

York Sample ID: 25G0311-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 11:20 am	07/03/2025

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**6.4**		ug/L	1.0	2.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
71-43-2	**Benzene**	**0.30**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
74-83-9	Bromomethane	ND	QL-02, CCVE	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-15-0	**Carbon disulfide**	**0.20**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
67-66-3	**Chloroform**	**0.49**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.40	0.80	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	**Ethyl Benzene**	**17**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

Sample Information

Client Sample ID: SB-4e-25ft

York Sample ID: 25G0311-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 11:20 am	07/03/2025

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.40	0.80	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-88-4	* Iodomethane	ND	QL-02, CCVE	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications:			
98-82-8	**Isopropylbenzene**	**8.8**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
80-62-6	Methyl Methacrylate	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**9.2**		ug/L	1.0	2.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
91-20-3	**Naphthalene**	**570**	QL-02, CCVE	ug/L	25	50	25	EPA 8260C/1312	07/08/2025 08:00	07/09/2025 16:31	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0444(			
104-51-8	n-Butylbenzene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
103-65-1	**n-Propylbenzene**	**7.4**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
95-47-6	**o-Xylene**	**2.8**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04			
179601-23-1	**p- & m- Xylenes**	**4.0**		ug/L	0.50	1.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04			
105-05-5	*** p-Diethylbenzene**	**1.8**	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications:			
622-96-8	*** p-Ethyltoluene**	**3.8**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications:			
99-87-6	**p-Isopropyltoluene**	**1.2**	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
135-98-8	sec-Butylbenzene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.0	8.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.40	0.80	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			

Sample Information

Client Sample ID: SB-4e-25ft

York Sample ID: 25G0311-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 11:20 am	07/03/2025

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	**Tetrachloroethylene**	**0.56**	QL-02, CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
109-99-9	* Tetrahydrofuran	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications:			
108-88-3	**Toluene**	**0.36**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-05-4	Vinyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
1330-20-7	**Xylenes, Total**	**6.8**		ug/L	0.60	1.5	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.9 %*	*79-122*

Semi-Volatiles, 8270 NYDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0713	0.142	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:55	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0713	0.142	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:55	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	**Acenaphthene**	**0.543**		mg/kg dry	0.0713	0.142	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:55	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0713	0.142	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:55	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
120-12-7	**Anthracene**	**0.779**		mg/kg dry	0.0713	0.142	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:55	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			

Sample Information

Client Sample ID: SB-4e-25ft

York Sample ID: 25G0311-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 11:20 am	07/03/2025

Semi-Volatiles, 8270 NYDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
56-55-3	**Benzo(a)anthracene**	**0.102**	J	mg/kg dry	0.0713	0.142	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
50-32-8	**Benzo(a)pyrene**	**0.0888**	J	mg/kg dry	0.0713	0.142	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0713	0.142	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
191-24-2	**Benzo(g,h,i)perylene**	**0.0717**	J	mg/kg dry	0.0713	0.142	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0713	0.142	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
218-01-9	**Chrysene**	**0.0990**	J	mg/kg dry	0.0713	0.142	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0713	0.142	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0713	0.142	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
206-44-0	**Fluoranthene**	**0.249**		mg/kg dry	0.0713	0.142	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
86-73-7	**Fluorene**	**0.381**		mg/kg dry	0.0713	0.142	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:55	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0713	0.142	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0713	0.142	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-20-3	**Naphthalene**	**4.06**		mg/kg dry	0.0713	0.142	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0713	0.142	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-01-8	**Phenanthrene**	**0.764**		mg/kg dry	0.0713	0.142	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
108-95-2	Phenol	ND		mg/kg dry	0.0713	0.142	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
129-00-0	**Pyrene**	**0.306**		mg/kg dry	0.0713	0.142	2	EPA 8270E	07/07/2025 08:57	07/08/2025 09:55	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*49.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*41.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*35.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*50.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*82.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*60.7 %*	*24-116*

SVOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-4e-25ft

York Sample ID: 25G0311-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 11:20 am	07/03/2025

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1312	07/11/2025 08:19	07/11/2025 20:41	AK
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D/1312	07/11/2025 08:19	07/11/2025 20:41	AK
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1312	07/11/2025 08:19	07/11/2025 20:41	AK
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*28.2 %*	*12-64*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*17.5 %*	*10-82*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.4 %*	*12-96*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*46.4 %*	*16-84*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*58.3 %*	*15-104*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*57.0 %*	*15-106*

SVOA, SPLP SIM Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**10.3**		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:08	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
208-96-8	Acenaphthylene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:08	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	**Acenaphthylene**	**0.700**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:25	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
120-12-7	**Anthracene**	**0.900**		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:08	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
120-12-7	**Anthracene**	**0.850**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:25	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:08	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:25	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:08	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:25	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:08	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:25	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:08	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:25	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:08	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: SB-4e-25ft

York Sample ID: 25G0311-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 11:20 am	07/03/2025

SVOA, SPLP SIM Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:25	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
218-01-9	Chrysene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:08	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:25	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:08	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:25	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	Fluoranthene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:08	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**0.300**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:25	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
86-73-7	**Fluorene**	**4.90**		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:08	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
86-73-7	**Fluorene**	**4.67**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:25	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
118-74-1	Hexachlorobenzene	ND	CCVE	ug/L	0.200	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:08	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:25	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:08	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:25	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**0.900**		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:08	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
91-20-3	**Naphthalene**	**1.38**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:25	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	2.50	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:08	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:25	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	**Phenanthrene**	**3.80**		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:08	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
85-01-8	**Phenanthrene**	**4.11**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:25	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
129-00-0	Pyrene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:08	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
129-00-0	**Pyrene**	**0.320**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:25	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			

Total Petroleum Hydrocarbons-DRO (C10-C28)

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-4e-25ft **York Sample ID:** 25G0311-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 11:20 am	07/03/2025

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68334-30-5	**Total Petroleum Hydrocarbons-DRO**	**1070**		mg/kg dry	16.9	1	EPA 8015D	07/13/2025 08:49	07/14/2025 05:09	GXB
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Surrogate Recoveries	Result	Acceptance Range
638-68-6 *Surrogate: Triacontane*	*59.2 %*	*30-150*

Total Petroleum Hydrocarbons-ORO (C20-C36)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68334-30-5	**Total Petroleum Hydrocarbons-DRO**	**679**		mg/kg dry	16.9	1	EPA 8015D	07/13/2025 08:49	07/14/2025 05:09	GXB
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Surrogate Recoveries	Result	Acceptance Range
638-68-6 *Surrogate: Triacontane*	*59.2 %*	*30-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**58.0**		%	0.100	1	SM 2540G	07/08/2025 16:14	07/08/2025 18:20	MJD
							Certifications:	CTDOH-PH-0723		

SPLP Extraction for SVOC/PEST/HERB 1312

Log-in Notes:

Sample Notes: **EXT-Temp**

Sample Prepared by Method: EPA SW 846-1312 SPLP Extraction for BNA/Pest/Herb

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	07/07/2025 14:36	07/08/2025 15:24	JRO
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

SPLP Extraction for VOA by EPA 1312 ZHE

Log-in Notes:

Sample Notes: **EXT-Temp**

Sample Prepared by Method: EPA SW 846-1312 ZHE for SPLP Volatiles

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	07/07/2025 14:39	07/08/2025 15:24	JRO
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-3e-28ft **York Sample ID:** 25G0311-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 11:45 am	07/03/2025

Sample Information

Client Sample ID: **SB-3e-28ft** **York Sample ID:** **25G0311-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 11:45 am	07/03/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
95-63-6	**1,2,4-Trimethylbenzene**	**0.16**	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-67-8	**1,3,5-Trimethylbenzene**	**0.033**	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.096	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
78-93-3	**2-Butanone**	**0.0067**		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
67-64-1	**Acetone**	**0.046**		mg/kg dry	0.0048	0.0096	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
100-41-4	**Ethyl Benzene**	**0.072**		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
91-20-3	**Naphthalene**	**57**		mg/kg dry	0.97	3.9	500	EPA 8260D	07/09/2025 13:51	07/10/2025 00:34	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0444(		
104-51-8	**n-Butylbenzene**	**0.048**	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		

Sample Information

Client Sample ID: SB-3e-28ft

York Sample ID: 25G0311-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 11:45 am	07/03/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	**n-Propylbenzene**	**0.35**	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
95-47-6	**o-Xylene**	**0.0057**		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044		
135-98-8	**sec-Butylbenzene**	**0.021**	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
98-06-6	tert-Butylbenzene	ND	IS-LO	mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
1330-20-7	**Xylenes, Total**	**0.0089**	J	mg/kg dry	0.0072	0.014	1	EPA 8260D	07/07/2025 11:27	07/08/2025 03:41	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*113 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.3 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*120 %*	IS-LO	*76-130*

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		

Sample Information

Client Sample ID: SB-3e-28ft

York Sample ID: 25G0311-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 11:45 am	07/03/2025

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-93-2	*** 1,2,4,5-Tetramethylbenzene**	**11**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	**1,2,4-Trimethylbenzene**	**14**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-67-8	**1,3,5-Trimethylbenzene**	**2.8**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	**2-Butanone**	**0.73**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			

Sample Information

Client Sample ID: SB-3e-28ft

York Sample ID: 25G0311-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 11:45 am	07/03/2025

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**4.8**		ug/L	1.0	2.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-15-0	**Carbon disulfide**	**1.5**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
67-66-3	**Chloroform**	**0.51**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.40	0.80	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	**Ethyl Benzene**	**12**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

Sample Information

Client Sample ID: SB-3e-28ft

York Sample ID: 25G0311-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 11:45 am	07/03/2025

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.40	0.80	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-88-4	* Iodomethane	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications:			
98-82-8	**Isopropylbenzene**	**18**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
80-62-6	Methyl Methacrylate	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**12**		ug/L	1.0	2.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
91-20-3	**Naphthalene**	**460**	CCVE, QL-02	ug/L	25	50	25	EPA 8260C/1312	07/08/2025 08:00	07/09/2025 17:01	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0444(			
104-51-8	**n-Butylbenzene**	**1.5**	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
103-65-1	**n-Propylbenzene**	**19**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
95-47-6	**o-Xylene**	**1.1**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04			
179601-23-1	**p- & m- Xylenes**	**0.82**		ug/L	0.50	1.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04			
105-05-5	*** p-Diethylbenzene**	**6.4**	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications:			
622-96-8	*** p-Ethyltoluene**	**4.4**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications:			
99-87-6	**p-Isopropyltoluene**	**3.7**	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
135-98-8	**sec-Butylbenzene**	**0.73**	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.0	8.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.40	0.80	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-65-0	**tert-Butyl alcohol (TBA)**	**0.53**		ug/L	0.50	1.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0444(			

Sample Information

Client Sample ID: SB-3e-28ft

York Sample ID: 25G0311-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 11:45 am	07/03/2025

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
109-99-9	* Tetrahydrofuran	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications:			
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-05-4	Vinyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
1330-20-7	**Xylenes, Total**	**2.0**		ug/L	0.60	1.5	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 18:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.7 %*	*79-122*

Semi-Volatiles, 8270 NYDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0656	0.131	2	EPA 8270E	07/07/2025 08:57	07/08/2025 11:12	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
95-48-7	2-Methylphenol	ND		mg/kg dry	1.64	3.27	50	EPA 8270E	07/07/2025 08:57	07/09/2025 12:01	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0656	0.131	2	EPA 8270E	07/07/2025 08:57	07/08/2025 11:12	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	1.64	3.27	50	EPA 8270E	07/07/2025 08:57	07/09/2025 12:01	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB-3e-28ft

York Sample ID: 25G0311-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 11:45 am	07/03/2025

Semi-Volatiles, 8270 NYDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**23.2**		mg/kg dry	1.64	3.27	50	EPA 8270E	07/07/2025 08:57	07/09/2025 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0656	0.131	2	EPA 8270E	07/07/2025 08:57	07/08/2025 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
208-96-8	Acenaphthylene	ND		mg/kg dry	1.64	3.27	50	EPA 8270E	07/07/2025 08:57	07/09/2025 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**18.0**		mg/kg dry	1.64	3.27	50	EPA 8270E	07/07/2025 08:57	07/09/2025 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
56-55-3	**Benzo(a)anthracene**	**2.24**		mg/kg dry	0.0656	0.131	2	EPA 8270E	07/07/2025 08:57	07/08/2025 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
56-55-3	**Benzo(a)anthracene**	**2.85**	J	mg/kg dry	1.64	3.27	50	EPA 8270E	07/07/2025 08:57	07/09/2025 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
50-32-8	**Benzo(a)pyrene**	**0.818**		mg/kg dry	0.0656	0.131	2	EPA 8270E	07/07/2025 08:57	07/08/2025 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	1.64	3.27	50	EPA 8270E	07/07/2025 08:57	07/09/2025 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
205-99-2	**Benzo(b)fluoranthene**	**0.530**		mg/kg dry	0.0656	0.131	2	EPA 8270E	07/07/2025 08:57	07/08/2025 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	1.64	3.27	50	EPA 8270E	07/07/2025 08:57	07/09/2025 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
191-24-2	**Benzo(g,h,i)perylene**	**0.259**		mg/kg dry	0.0656	0.131	2	EPA 8270E	07/07/2025 08:57	07/08/2025 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	1.64	3.27	50	EPA 8270E	07/07/2025 08:57	07/09/2025 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
207-08-9	**Benzo(k)fluoranthene**	**0.524**		mg/kg dry	0.0656	0.131	2	EPA 8270E	07/07/2025 08:57	07/08/2025 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	1.64	3.27	50	EPA 8270E	07/07/2025 08:57	07/09/2025 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
218-01-9	**Chrysene**	**2.28**		mg/kg dry	0.0656	0.131	2	EPA 8270E	07/07/2025 08:57	07/08/2025 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
218-01-9	**Chrysene**	**2.95**	J	mg/kg dry	1.64	3.27	50	EPA 8270E	07/07/2025 08:57	07/09/2025 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0910**	J	mg/kg dry	0.0656	0.131	2	EPA 8270E	07/07/2025 08:57	07/08/2025 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	1.64	3.27	50	EPA 8270E	07/07/2025 08:57	07/09/2025 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
132-64-9	**Dibenzofuran**	**4.07**		mg/kg dry	0.0656	0.131	2	EPA 8270E	07/07/2025 08:57	07/08/2025 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
132-64-9	**Dibenzofuran**	**4.13**		mg/kg dry	1.64	3.27	50	EPA 8270E	07/07/2025 08:57	07/09/2025 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
206-44-0	**Fluoranthene**	**9.67**		mg/kg dry	1.64	3.27	50	EPA 8270E	07/07/2025 08:57	07/09/2025 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
86-73-7	**Fluorene**	**21.1**		mg/kg dry	1.64	3.27	50	EPA 8270E	07/07/2025 08:57	07/09/2025 12:01	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-3e-28ft

York Sample ID: 25G0311-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 11:45 am	07/03/2025

Semi-Volatiles, 8270 NYDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND	ICVE	mg/kg dry	0.0656	0.131	2	EPA 8270E	07/07/2025 08:57	07/08/2025 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	1.64	3.27	50	EPA 8270E	07/07/2025 08:57	07/09/2025 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.243**		mg/kg dry	0.0656	0.131	2	EPA 8270E	07/07/2025 08:57	07/08/2025 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	1.64	3.27	50	EPA 8270E	07/07/2025 08:57	07/09/2025 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
91-20-3	**Naphthalene**	**52.5**		mg/kg dry	1.64	3.27	50	EPA 8270E	07/07/2025 08:57	07/09/2025 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0656	0.131	2	EPA 8270E	07/07/2025 08:57	07/08/2025 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
87-86-5	Pentachlorophenol	ND		mg/kg dry	1.64	3.27	50	EPA 8270E	07/07/2025 08:57	07/09/2025 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-01-8	**Phenanthrene**	**55.2**		mg/kg dry	1.64	3.27	50	EPA 8270E	07/07/2025 08:57	07/09/2025 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
108-95-2	Phenol	ND		mg/kg dry	0.0656	0.131	2	EPA 8270E	07/07/2025 08:57	07/08/2025 11:12	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
108-95-2	Phenol	ND		mg/kg dry	1.64	3.27	50	EPA 8270E	07/07/2025 08:57	07/09/2025 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
129-00-0	**Pyrene**	**11.1**		mg/kg dry	1.64	3.27	50	EPA 8270E	07/07/2025 08:57	07/09/2025 12:01	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.0 %*	*20-108*
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.3 %*	*23-114*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*30.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*53.5 %*	*22-108*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*42.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*47.6 %*	*21-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*74.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*70.2 %*	*19-110*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*77.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.2 %*	*24-116*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.0 %*	*24-116*

SVOA, SPLP Low Part 375

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1312	07/11/2025 08:19	07/11/2025 21:12	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-3e-28ft

York Sample ID: 25G0311-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 11:45 am	07/03/2025

SVOA, SPLP Low Part 375

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D/1312	07/11/2025 08:19	07/11/2025 21:12	AK
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1312	07/11/2025 08:19	07/11/2025 21:12	AK
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*21.5 %*	*12-64*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*12.0 %*	*10-82*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*33.8 %*	*12-96*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*37.4 %*	*16-84*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*41.7 %*	*15-104*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*45.9 %*	*15-106*

SVOA, SPLP SIM Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**24.0**		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
208-96-8	**Acenaphthylene**	**3.01**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:56	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
208-96-8	**Acenaphthylene**	**2.00**		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
120-12-7	**Anthracene**	**0.300**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:56	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
120-12-7	Anthracene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.130**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:56	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:56	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:56	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:56	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:56	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: SB-3e-28ft

York Sample ID: 25G0311-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 11:45 am	07/03/2025

SVOA, SPLP SIM Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
218-01-9	**Chrysene**	**0.110**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:56	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
218-01-9	Chrysene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:56	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**1.93**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:56	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
206-44-0	**Fluoranthene**	**1.60**		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
86-73-7	**Fluorene**	**4.92**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:56	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
86-73-7	**Fluorene**	**7.90**		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:56	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
118-74-1	Hexachlorobenzene	ND	CCVE	ug/L	0.200	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:56	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**0.500**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:56	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
91-20-3	Naphthalene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:56	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	2.50	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	**Phenanthrene**	**3.70**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:56	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
85-01-8	**Phenanthrene**	**3.30**		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
129-00-0	**Pyrene**	**1.36**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 18:56	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
129-00-0	**Pyrene**	**1.40**		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 12:38	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			

Total Petroleum Hydrocarbons-DRO (C10-C28)

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-3e-28ft **York Sample ID:** 25G0311-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 11:45 am	07/03/2025

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68334-30-5	**Total Petroleum Hydrocarbons-DRO**	**678**		mg/kg dry	15.4	1	EPA 8015D	07/13/2025 08:55	07/14/2025 06:07	GXB
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*61.0 %*	*30-150*

Total Petroleum Hydrocarbons-ORO (C20-C36)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68334-30-5	**Total Petroleum Hydrocarbons-DRO**	**147**		mg/kg dry	15.4	1	EPA 8015D	07/13/2025 08:55	07/14/2025 06:07	GXB
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*61.0 %*	*30-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**63.1**		%	0.100	1	SM 2540G	07/08/2025 16:14	07/08/2025 18:20	MJD
							Certifications:	CTDOH-PH-0723		

SPLP Extraction for SVOC/PEST/HERB 1312

Log-in Notes:

Sample Notes: **EXT-Temp**

Sample Prepared by Method: EPA SW 846-1312 SPLP Extraction for BNA/Pest/Herb

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	07/07/2025 14:36	07/08/2025 15:24	JRO
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

SPLP Extraction for VOA by EPA 1312 ZHE

Log-in Notes:

Sample Notes: **EXT-Temp**

Sample Prepared by Method: EPA SW 846-1312 ZHE for SPLP Volatiles

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	07/07/2025 14:39	07/08/2025 15:24	JRO
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-2e-28ft **York Sample ID:** 25G0311-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 1:10 pm	07/03/2025

Sample Information

Client Sample ID: **SB-2e-28ft** **York Sample ID:** **25G0311-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 1:10 pm	07/03/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
95-63-6	**1,2,4-Trimethylbenzene**	**2.0**		mg/kg dry	0.18	0.36	100	EPA 8260D	07/09/2025 13:51	07/10/2025 01:01	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-67-8	**1,3,5-Trimethylbenzene**	**0.074**		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.088	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
67-64-1	**Acetone**	**0.024**	CCVE	mg/kg dry	0.0044	0.0088	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
100-41-4	**Ethyl Benzene**	**0.33**		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
91-20-3	**Naphthalene**	**230**		mg/kg dry	1.8	7.1	1000	EPA 8260D	07/09/2025 13:51	07/10/2025 16:30	PRS
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0444(		
104-51-8	**n-Butylbenzene**	**0.041**		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		

Sample Information

Client Sample ID: SB-2e-28ft

York Sample ID: 25G0311-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 1:10 pm	07/03/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	**n-Propylbenzene**	**0.27**		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
95-47-6	**o-Xylene**	**0.016**		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04			
179601-23-1	**p- & m- Xylenes**	**0.011**		mg/kg dry	0.0044	0.0088	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04			
135-98-8	**sec-Butylbenzene**	**0.011**		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
1330-20-7	**Xylenes, Total**	**0.028**		mg/kg dry	0.0066	0.013	1	EPA 8260D	07/08/2025 08:00	07/08/2025 14:02	PRS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.3 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*110 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*87.2 %*	*76-130*

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			

Sample Information

Client Sample ID: SB-2e-28ft

York Sample ID: 25G0311-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 1:10 pm	07/03/2025

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-93-2	*** 1,2,4,5-Tetramethylbenzene**	**12**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	**1,2,4-Trimethylbenzene**	**39**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-67-8	**1,3,5-Trimethylbenzene**	**9.8**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	**2-Butanone**	**0.55**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			

Sample Information

Client Sample ID: **SB-2e-28ft** **York Sample ID:** **25G0311-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 1:10 pm	07/03/2025

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**3.7**		ug/L	1.0	2.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
71-43-2	**Benzene**	**0.23**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-15-0	**Carbon disulfide**	**1.4**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
67-66-3	**Chloroform**	**0.53**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.40	0.80	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	**Ethyl Benzene**	**55**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

Sample Information

Client Sample ID: SB-2e-28ft

York Sample ID: 25G0311-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 1:10 pm	07/03/2025

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.40	0.80	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-88-4	* Iodomethane	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications:			
98-82-8	**Isopropylbenzene**	**24**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
80-62-6	Methyl Methacrylate	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**11**		ug/L	1.0	2.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
91-20-3	**Naphthalene**	**6300**		ug/L	200	400	200	EPA 8260C/1312	07/15/2025 08:00	07/15/2025 14:32	PD
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0444(			
104-51-8	**n-Butylbenzene**	**2.9**	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
103-65-1	**n-Propylbenzene**	**27**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
95-47-6	**o-Xylene**	**4.8**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04			
179601-23-1	**p- & m- Xylenes**	**3.3**		ug/L	0.50	1.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-04			
105-05-5	*** p-Diethylbenzene**	**9.8**	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications:			
622-96-8	*** p-Ethyltoluene**	**13**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications:			
99-87-6	**p-Isopropyltoluene**	**7.5**	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
135-98-8	**sec-Butylbenzene**	**0.76**	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.0	8.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.40	0.80	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB-2e-28ft

York Sample ID: 25G0311-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 1:10 pm	07/03/2025

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
109-99-9	* Tetrahydrofuran	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications:			
108-88-3	**Toluene**	**0.21**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-05-4	Vinyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
1330-20-7	**Xylenes, Total**	**8.2**		ug/L	0.60	1.5	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:15	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.0 %*	*79-122*

Semi-Volatiles, 8270 NYDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.605	1.21	20	EPA 8270E	07/07/2025 08:57	07/09/2025 14:36	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.605	1.21	20	EPA 8270E	07/07/2025 08:57	07/09/2025 14:36	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	**Acenaphthene**	**38.0**		mg/kg dry	6.05	12.1	200	EPA 8270E	07/07/2025 08:57	07/09/2025 21:02	AK
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
208-96-8	**Acenaphthylene**	**2.71**		mg/kg dry	0.605	1.21	20	EPA 8270E	07/07/2025 08:57	07/09/2025 14:36	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			

Sample Information

Client Sample ID: SB-2e-28ft

York Sample ID: 25G0311-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 1:10 pm	07/03/2025

Semi-Volatiles, 8270 NYDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	**Anthracene**	**35.5**		mg/kg dry	0.605	1.21	20	EPA 8270E	07/07/2025 08:57	07/09/2025 14:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
56-55-3	**Benzo(a)anthracene**	**6.54**		mg/kg dry	0.605	1.21	20	EPA 8270E	07/07/2025 08:57	07/09/2025 14:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
50-32-8	**Benzo(a)pyrene**	**3.69**		mg/kg dry	0.605	1.21	20	EPA 8270E	07/07/2025 08:57	07/09/2025 14:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
205-99-2	**Benzo(b)fluoranthene**	**2.64**		mg/kg dry	0.605	1.21	20	EPA 8270E	07/07/2025 08:57	07/09/2025 14:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
191-24-2	**Benzo(g,h,i)perylene**	**1.82**		mg/kg dry	0.605	1.21	20	EPA 8270E	07/07/2025 08:57	07/09/2025 14:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
207-08-9	**Benzo(k)fluoranthene**	**2.59**		mg/kg dry	0.605	1.21	20	EPA 8270E	07/07/2025 08:57	07/09/2025 14:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
218-01-9	**Chrysene**	**6.93**		mg/kg dry	0.605	1.21	20	EPA 8270E	07/07/2025 08:57	07/09/2025 14:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.605	1.21	20	EPA 8270E	07/07/2025 08:57	07/09/2025 14:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
132-64-9	**Dibenzofuran**	**13.6**		mg/kg dry	0.605	1.21	20	EPA 8270E	07/07/2025 08:57	07/09/2025 14:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
206-44-0	**Fluoranthene**	**23.7**		mg/kg dry	0.605	1.21	20	EPA 8270E	07/07/2025 08:57	07/09/2025 14:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
86-73-7	**Fluorene**	**34.5**		mg/kg dry	6.05	12.1	200	EPA 8270E	07/07/2025 08:57	07/09/2025 21:02	AK
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.605	1.21	20	EPA 8270E	07/07/2025 08:57	07/09/2025 14:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.32**		mg/kg dry	0.605	1.21	20	EPA 8270E	07/07/2025 08:57	07/09/2025 14:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
91-20-3	**Naphthalene**	**282**		mg/kg dry	6.05	12.1	200	EPA 8270E	07/07/2025 08:57	07/09/2025 21:02	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.605	1.21	20	EPA 8270E	07/07/2025 08:57	07/09/2025 14:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-01-8	**Phenanthrene**	**81.2**		mg/kg dry	6.05	12.1	200	EPA 8270E	07/07/2025 08:57	07/09/2025 21:02	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
108-95-2	Phenol	ND		mg/kg dry	0.605	1.21	20	EPA 8270E	07/07/2025 08:57	07/09/2025 14:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
129-00-0	**Pyrene**	**25.8**		mg/kg dry	0.605	1.21	20	EPA 8270E	07/07/2025 08:57	07/09/2025 14:36	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*60.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*49.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*59.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*87.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*92.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*78.4 %*	*24-116*

Sample Information

Client Sample ID: SB-2e-28ft

York Sample ID: 25G0311-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 1:10 pm	07/03/2025

SVOA, SPLP Low Part 375

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1312	07/11/2025 08:19	07/11/2025 21:43	AK
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D/1312	07/11/2025 08:19	07/11/2025 21:43	AK
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1312	07/11/2025 08:19	07/11/2025 21:43	AK
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*25.1 %*	*12-64*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*15.0 %*	*10-82*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*46.9 %*	*12-96*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*49.7 %*	*16-84*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*56.7 %*	*15-104*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.6 %*	*15-106*

SVOA, SPLP SIM Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**75.8**		ug/L	1.00	20	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:09	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
208-96-8	**Acenaphthylene**	**5.20**		ug/L	1.00	20	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:09	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
208-96-8	**Acenaphthylene**	**3.66**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:26	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
120-12-7	**Anthracene**	**11.6**		ug/L	1.00	20	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:09	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
56-55-3	Benzo(a)anthracene	ND		ug/L	1.00	20	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:09	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.810**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:26	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
50-32-8	Benzo(a)pyrene	ND		ug/L	1.00	20	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:09	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**0.270**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:26	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	1.00	20	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:09	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.270**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:26	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	1.00	20	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:09	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.0600**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:26	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	1.00	20	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:09	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: SB-2e-28ft

York Sample ID: 25G0311-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 1:10 pm	07/03/2025

SVOA, SPLP SIM Part 375

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	**Benzo(k)fluoranthene**	**0.220**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:26	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
218-01-9	Chrysene	ND		ug/L	1.00	20	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:09	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
218-01-9	**Chrysene**	**0.710**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:26	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	1.00	20	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:09	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:26	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**7.60**		ug/L	1.00	20	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:09	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
86-73-7	**Fluorene**	**48.4**		ug/L	1.00	20	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:09	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
118-74-1	Hexachlorobenzene	ND	CCVE	ug/L	0.400	20	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:09	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:26	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	1.00	20	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:09	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0700**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:26	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
91-20-3	**Naphthalene**	**418**		ug/L	10.0	200	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 14:19	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	5.00	20	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:09	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:26	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	**Phenanthrene**	**55.6**		ug/L	1.00	20	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:09	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
129-00-0	**Pyrene**	**5.20**		ug/L	1.00	20	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:09	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			

Total Petroleum Hydrocarbons-DRO (C10-C28)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68334-30-5	**Total Petroleum Hydrocarbons-DRO**	**4730**		mg/kg dry	14.2	1	EPA 8015D	07/13/2025 08:55	07/14/2025 06:36	GXB
							Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*71.7 %*	*30-150*

Total Petroleum Hydrocarbons-ORO (C20-C36)

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB-2e-28ft **York Sample ID:** 25G0311-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 1:10 pm	07/03/2025

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68334-30-5	**Total Petroleum Hydrocarbons-DRO**	**715**		mg/kg dry	14.2	1	EPA 8015D	07/13/2025 08:55	07/14/2025 06:36	GXB
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

	Surrogate Recoveries	Result	Acceptance Range
638-68-6	*Surrogate: Triacontane*	*71.7 %*	*30-150*

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**68.4**		%	0.100	1	SM 2540G	07/08/2025 16:14	07/08/2025 18:20	MJD
							Certifications:	CTDOH-PH-0723		

SPLP Extraction for SVOC/PEST/HERB 1312

Log-in Notes:

Sample Notes: EXT-Temp

Sample Prepared by Method: EPA SW 846-1312 SPLP Extraction for BNA/Pest/Herb

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	07/07/2025 14:36	07/08/2025 15:24	JRO
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

SPLP Extraction for VOA by EPA 1312 ZHE

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW 846-1312 ZHE for SPLP Volatiles

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	07/11/2025 11:51	07/12/2025 13:54	MJD
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	07/07/2025 14:39	07/08/2025 15:24	JRO
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-1e-15ft **York Sample ID:** 25G0311-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 1:35 pm	07/03/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260D	07/08/2025 13:51	07/08/2025 21:13	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260D	07/08/2025 13:51	07/08/2025 21:13	PRS
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			

Sample Information

Client Sample ID: SB-1e-15ft

York Sample ID: 25G0311-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 1:35 pm	07/03/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 21:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
95-63-6	**1,2,4-Trimethylbenzene**	**0.012**		mg/kg dry	0.0037	0.0073	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 21:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 21:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 21:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 21:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 21:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 21:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.073	0.15	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 21:13	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440
78-93-3	**2-Butanone**	**0.030**	CCVE	mg/kg dry	0.0037	0.0073	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 21:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
67-64-1	**Acetone**	**0.11**	CCVE	mg/kg dry	0.0073	0.015	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 21:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
71-43-2	Benzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 21:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 21:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 21:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
67-66-3	Chloroform	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 21:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 21:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 21:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 21:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,
75-09-2	**Methylene chloride**	**0.012**	J	mg/kg dry	0.0073	0.015	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 21:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
91-20-3	**Naphthalene**	**1.4**		mg/kg dry	0.10	0.42	100	EPA 8260D Certifications:	07/09/2025 13:51	07/10/2025 01:28	PRS NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0444(
104-51-8	**n-Butylbenzene**	**0.0095**		mg/kg dry	0.0037	0.0073	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 21:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
103-65-1	**n-Propylbenzene**	**0.0090**		mg/kg dry	0.0037	0.0073	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 21:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005
95-47-6	o-Xylene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 21:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D Certifications:	07/08/2025 13:51	07/08/2025 21:13	PRS CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044

Sample Information

Client Sample ID: SB-1e-15ft

York Sample ID: 25G0311-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 1:35 pm	07/03/2025

Volatiles, 8260 NYSDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	**sec-Butylbenzene**	**0.0069**	J	mg/kg dry	0.0037	0.0073	1	EPA 8260D	07/08/2025 13:51	07/08/2025 21:13	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260D	07/08/2025 13:51	07/08/2025 21:13	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260D	07/08/2025 13:51	07/08/2025 21:13	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
108-88-3	Toluene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260D	07/08/2025 13:51	07/08/2025 21:13	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260D	07/08/2025 13:51	07/08/2025 21:13	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260D	07/08/2025 13:51	07/08/2025 21:13	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0037	0.0073	1	EPA 8260D	07/08/2025 13:51	07/08/2025 21:13	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.022	1	EPA 8260D	07/08/2025 13:51	07/08/2025 21:13	PRS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*122 %*	*76-130*

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-1e-15ft

York Sample ID: 25G0311-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 1:35 pm	07/03/2025

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-93-2	*** 1,2,4,5-Tetramethylbenzene**	**1.2**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications:			
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
95-63-6	**1,2,4-Trimethylbenzene**	**0.56**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
123-91-1	1,4-Dioxane	ND		ug/L	40	80	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
78-93-3	**2-Butanone**	**1.2**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
67-64-1	**Acetone**	**6.3**		ug/L	1.0	2.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			

Sample Information

Client Sample ID: SB-1e-15ft

York Sample ID: 25G0311-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 1:35 pm	07/03/2025

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
74-83-9	Bromomethane	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-15-0	**Carbon disulfide**	**0.28**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
67-66-3	**Chloroform**	**0.47**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
74-87-3	Chloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-71-8	Dichlorodifluoromethane	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
108-20-3	Diisopropyl ether (DIPE)	ND		ug/L	0.40	0.80	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
100-41-4	**Ethyl Benzene**	**0.84**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
637-92-3	Ethyl tert-butyl ether (ETBE)	ND		ug/L	0.40	0.80	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
87-68-3	Hexachlorobutadiene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
74-88-4	* Iodomethane	ND	QL-02, CCVE	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications:			
98-82-8	**Isopropylbenzene**	**0.40**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

Sample Information

Client Sample ID: SB-1e-15ft

York Sample ID: 25G0311-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 1:35 pm	07/03/2025

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
80-62-6	Methyl Methacrylate	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-09-2	**Methylene chloride**	**9.5**		ug/L	1.0	2.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
91-20-3	**Naphthalene**	**140**	QL-02, CCVE	ug/L	25	50	25	EPA 8260C/1312	07/08/2025 08:00	07/09/2025 18:02	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-0444(			
104-51-8	n-Butylbenzene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
103-65-1	**n-Propylbenzene**	**0.43**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044			
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-044			
105-05-5	*** p-Diethylbenzene**	**0.31**	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications:			
622-96-8	*** p-Ethyltoluene**	**0.20**		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications:			
99-87-6	p-Isopropyltoluene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
135-98-8	sec-Butylbenzene	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-85-4	tert-Amyl alcohol (TAA)	ND		ug/L	4.0	8.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
994-05-8	tert-Amyl methyl ether (TAME)	ND		ug/L	0.40	0.80	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
127-18-4	Tetrachloroethylene	ND	CCVE, ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
109-99-9	* Tetrahydrofuran	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications:			
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			

Sample Information

Client Sample ID: SB-1e-15ft

York Sample ID: 25G0311-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 1:35 pm	07/03/2025

VOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
108-05-4	Vinyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04440			
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,			
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C/1312	07/08/2025 08:00	07/08/2025 19:45	PMB
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT005			

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.5 %*	*79-122*

Semi-Volatiles, 8270 NYDEC Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.310	0.619	10	EPA 8270E	07/07/2025 08:57	07/09/2025 15:07	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.310	0.619	10	EPA 8270E	07/07/2025 08:57	07/09/2025 15:07	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
83-32-9	**Acenaphthene**	**10.2**		mg/kg dry	0.310	0.619	10	EPA 8270E	07/07/2025 08:57	07/09/2025 15:07	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
208-96-8	**Acenaphthylene**	**0.643**		mg/kg dry	0.310	0.619	10	EPA 8270E	07/07/2025 08:57	07/09/2025 15:07	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
120-12-7	**Anthracene**	**4.89**		mg/kg dry	0.310	0.619	10	EPA 8270E	07/07/2025 08:57	07/09/2025 15:07	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
56-55-3	**Benzo(a)anthracene**	**1.77**		mg/kg dry	0.310	0.619	10	EPA 8270E	07/07/2025 08:57	07/09/2025 15:07	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
50-32-8	**Benzo(a)pyrene**	**1.54**		mg/kg dry	0.310	0.619	10	EPA 8270E	07/07/2025 08:57	07/09/2025 15:07	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
205-99-2	**Benzo(b)fluoranthene**	**1.25**		mg/kg dry	0.310	0.619	10	EPA 8270E	07/07/2025 08:57	07/09/2025 15:07	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
191-24-2	**Benzo(g,h,i)perylene**	**1.02**		mg/kg dry	0.310	0.619	10	EPA 8270E	07/07/2025 08:57	07/09/2025 15:07	SS
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			

Sample Information

Client Sample ID: **SB-1e-15ft** **York Sample ID:** **25G0311-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 1:35 pm	07/03/2025

Semi-Volatiles, 8270 NYDEC Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
207-08-9	**Benzo(k)fluoranthene**	**1.12**		mg/kg dry	0.310	0.619	10	EPA 8270E	07/07/2025 08:57	07/09/2025 15:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
218-01-9	**Chrysene**	**1.89**		mg/kg dry	0.310	0.619	10	EPA 8270E	07/07/2025 08:57	07/09/2025 15:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.310	0.619	10	EPA 8270E	07/07/2025 08:57	07/09/2025 15:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
132-64-9	**Dibenzofuran**	**1.31**		mg/kg dry	0.310	0.619	10	EPA 8270E	07/07/2025 08:57	07/09/2025 15:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
206-44-0	**Fluoranthene**	**4.93**		mg/kg dry	0.310	0.619	10	EPA 8270E	07/07/2025 08:57	07/09/2025 15:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
86-73-7	**Fluorene**	**7.85**		mg/kg dry	0.310	0.619	10	EPA 8270E	07/07/2025 08:57	07/09/2025 15:07	SS
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.310	0.619	10	EPA 8270E	07/07/2025 08:57	07/09/2025 15:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.737**		mg/kg dry	0.310	0.619	10	EPA 8270E	07/07/2025 08:57	07/09/2025 15:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
91-20-3	**Naphthalene**	**2.44**		mg/kg dry	0.310	0.619	10	EPA 8270E	07/07/2025 08:57	07/09/2025 15:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.310	0.619	10	EPA 8270E	07/07/2025 08:57	07/09/2025 15:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-01-8	**Phenanthrene**	**6.12**		mg/kg dry	0.310	0.619	10	EPA 8270E	07/07/2025 08:57	07/09/2025 15:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		
108-95-2	Phenol	ND		mg/kg dry	0.310	0.619	10	EPA 8270E	07/07/2025 08:57	07/09/2025 15:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
129-00-0	**Pyrene**	**5.98**		mg/kg dry	0.310	0.619	10	EPA 8270E	07/07/2025 08:57	07/09/2025 15:07	SS
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*54.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*44.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*49.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*80.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*82.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.0 %*	*24-116*

SVOA, SPLP Low Part 375

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1312	07/11/2025 08:19	07/11/2025 20:16	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D/1312	07/11/2025 08:19	07/11/2025 20:16	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D/1312	07/11/2025 08:19	07/11/2025 20:16	AK
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB-1e-15ft

York Sample ID: 25G0311-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 1:35 pm	07/03/2025

SVOA, SPLP Low Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*25.8 %*		*12-64*							
13127-88-3	*Surrogate: SURR: Phenol-d6*	*15.3 %*		*10-82*							
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.0 %*		*12-96*							
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*46.3 %*		*16-84*							
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.7 %*		*15-104*							
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*56.7 %*		*15-106*							

SVOA, SPLP SIM Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**11.8**		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:40	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
208-96-8	Acenaphthylene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:40	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
208-96-8	**Acenaphthylene**	**0.580**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:57	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
120-12-7	**Anthracene**	**1.90**		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:40	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
120-12-7	**Anthracene**	**2.12**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:57	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:40	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
56-55-3	**Benzo(a)anthracene**	**0.290**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:57	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:40	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
50-32-8	**Benzo(a)pyrene**	**0.120**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:57	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:40	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
205-99-2	**Benzo(b)fluoranthene**	**0.120**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:57	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:40	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
191-24-2	**Benzo(g,h,i)perylene**	**0.0500**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:57	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:40	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
207-08-9	**Benzo(k)fluoranthene**	**0.110**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:57	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			
218-01-9	Chrysene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:40	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Sample Information

Client Sample ID: SB-1e-15ft **York Sample ID:** 25G0311-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 1:35 pm	07/03/2025

SVOA, SPLP SIM Part 375

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C/1312

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
218-01-9	**Chrysene**	**0.240**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:57	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:40	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:57	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
206-44-0	**Fluoranthene**	**2.50**		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:40	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
206-44-0	**Fluoranthene**	**2.76**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:57	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
86-73-7	**Fluorene**	**6.40**		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:40	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
118-74-1	Hexachlorobenzene	ND	CCVE	ug/L	0.200	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:40	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:57	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:40	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0500**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:57	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
91-20-3	Naphthalene	ND		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:40	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			
91-20-3	**Naphthalene**	**0.260**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:57	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	2.50	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:40	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:57	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005			
85-01-8	**Phenanthrene**	**3.80**		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:40	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
85-01-8	**Phenanthrene**	**4.15**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:57	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
129-00-0	**Pyrene**	**1.80**		ug/L	0.500	10	EPA 8270D SIM/1312	07/11/2025 08:20	07/14/2025 13:40	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			
129-00-0	**Pyrene**	**1.94**		ug/L	0.0500	1	EPA 8270D SIM/1312	07/11/2025 08:20	07/11/2025 19:57	AAK
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-0444(			

Total Petroleum Hydrocarbons-DRO (C10-C28)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68334-30-5	**Total Petroleum Hydrocarbons-DRO**	**6560**		mg/kg dry	14.3	1	EPA 8015D	07/13/2025 08:55	07/14/2025 07:05	GXB
							Certifications: NELAC-NY10854,NJDEP-CT005,PADEP-68-04440			

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB-1e-15ft **York Sample ID:** 25G0311-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
25G0311	39 Otsego St	Soil	July 3, 2025 1:35 pm	07/03/2025

Total Petroleum Hydrocarbons-DRO (C10-C28)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
638-68-6	*Surrogate: Triacontane*	*67.2 %*		*30-150*						

Total Petroleum Hydrocarbons-ORO (C20-C36)

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
68334-30-5	**Total Petroleum Hydrocarbons-DRO**	**2410**		mg/kg dry	14.3	1	EPA 8015D	07/13/2025 08:55	07/14/2025 07:05	GXB
							Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Surrogate Recoveries	Result	Acceptance Range
638-68-6 *Surrogate: Triacontane*	*67.2 %*	*30-150*

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**66.7**		%	0.100	1	SM 2540G	07/08/2025 16:14	07/08/2025 18:20	MJD
							Certifications:	CTDOH-PH-0723		

SPLP Extraction for SVOC/PEST/HERB 1312

Log-in Notes: **Sample Notes:** **EXT-Temp**

Sample Prepared by Method: EPA SW 846-1312 SPLP Extraction for BNA/Pest/Herb

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	07/07/2025 14:36	07/08/2025 15:24	JRO
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

SPLP Extraction for VOA by EPA 1312 ZHE

Log-in Notes: **Sample Notes:** **EXT-Temp**

Sample Prepared by Method: EPA SW 846-1312 ZHE for SPLP Volatiles

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	SPLP Extraction	Completed		N/A	1.00	1	EPA 1312	07/07/2025 14:39	07/08/2025 15:24	JRO
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Analytical Batch Summary

Batch ID: BG50357 **Preparation Method** EPA 3550C **Prepared By:** JAA

YORK Sample ID	Client Sample ID	Preparation Date
25G0311-01	SB-5e-25ft	07/07/25
25G0311-01RE1	SB-5e-25ft	07/07/25
25G0311-02	SB-4e-25ft	07/07/25
25G0311-03	SB-3e-28ft	07/07/25
25G0311-03RE1	SB-3e-28ft	07/07/25
25G0311-04	SB-2e-28ft	07/07/25
25G0311-04RE1	SB-2e-28ft	07/07/25
25G0311-05	SB-1e-15ft	07/07/25
BG50357-BLK1	Blank	07/07/25
BG50357-BS1	LCS	07/07/25

Batch ID: BG50378 **Preparation Method** EPA 5035A **Prepared By:** SKF

YORK Sample ID	Client Sample ID	Preparation Date
25G0311-02	SB-4e-25ft	07/07/25
25G0311-03	SB-3e-28ft	07/07/25
BG50378-BLK1	Blank	07/07/25
BG50378-BS1	LCS	07/07/25
BG50378-BSD1	LCS Dup	07/07/25

Batch ID: BG50395 **Preparation Method** EPA SW 846-1312 SPLP Extraction for **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
25G0311-01	SB-5e-25ft	07/07/25
25G0311-02	SB-4e-25ft	07/07/25
25G0311-03	SB-3e-28ft	07/07/25
25G0311-04	SB-2e-28ft	07/07/25
25G0311-05	SB-1e-15ft	07/07/25
BG50395-BLK1	Blank	07/07/25

Batch ID: BG50396 **Preparation Method** EPA SW 846-1312 ZHE for SPLP Volat **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
25G0311-01	SB-5e-25ft	07/07/25
25G0311-02	SB-4e-25ft	07/07/25
25G0311-03	SB-3e-28ft	07/07/25
25G0311-04	SB-2e-28ft	07/07/25
25G0311-05	SB-1e-15ft	07/07/25
BG50396-BLK1	Blank	07/07/25

Batch ID: BG50455 **Preparation Method** EPA 5035A **Prepared By:** SKF

YORK Sample ID	Client Sample ID	Preparation Date

25G0311-04	SB-2e-28ft	07/08/25
BG50455-BLK1	Blank	07/08/25
BG50455-BS1	LCS	07/08/25
BG50455-BSD1	LCS Dup	07/08/25

Batch ID: BG50482 **Preparation Method** EPA 5035A **Prepared By:** SKF

YORK Sample ID	Client Sample ID	Preparation Date
25G0311-01	SB-5e-25ft	07/08/25
25G0311-05	SB-1e-15ft	07/08/25
BG50482-BLK1	Blank	07/08/25
BG50482-BS1	LCS	07/08/25
BG50482-BSD1	LCS Dup	07/08/25

Batch ID: BG50504 **Preparation Method** % Solids Prep **Prepared By:** MJD

YORK Sample ID	Client Sample ID	Preparation Date
25G0311-01	SB-5e-25ft	07/08/25
25G0311-02	SB-4e-25ft	07/08/25
25G0311-03	SB-3e-28ft	07/08/25
25G0311-04	SB-2e-28ft	07/08/25
25G0311-05	SB-1e-15ft	07/08/25

Batch ID: BG50697 **Preparation Method** EPA 5035A **Prepared By:** SKF

YORK Sample ID	Client Sample ID	Preparation Date
25G0311-01RE2	SB-5e-25ft	07/09/25
25G0311-01RE3	SB-5e-25ft	07/09/25
25G0311-04RE2	SB-2e-28ft	07/09/25
25G0311-04RE3	SB-2e-28ft	07/09/25
BG50697-BLK2	Blank	07/10/25
BG50697-BS2	LCS	07/10/25
BG50697-BSD2	LCS Dup	07/10/25

Batch ID: BG50698 **Preparation Method** EPA 5035A **Prepared By:** SKF

YORK Sample ID	Client Sample ID	Preparation Date
25G0311-01RE1	SB-5e-25ft	07/09/25
25G0311-02RE1	SB-4e-25ft	07/09/25
25G0311-03RE1	SB-3e-28ft	07/09/25
25G0311-04RE1	SB-2e-28ft	07/09/25
25G0311-05RE1	SB-1e-15ft	07/09/25
BG50698-BLK2	Blank	07/09/25
BG50698-BS2	LCS	07/09/25
BG50698-BSD2	LCS Dup	07/09/25

Batch ID: BG50768 **Preparation Method** EPA 3510C/1312 **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
25G0311-01	SB-5e-25ft	07/11/25
25G0311-02	SB-4e-25ft	07/11/25
25G0311-03	SB-3e-28ft	07/11/25
25G0311-04	SB-2e-28ft	07/11/25
25G0311-05	SB-1e-15ft	07/11/25
BG50768-BLK1	Blank	07/11/25
BG50768-BS1	LCS	07/11/25
BG50768-BSD1	LCS Dup	07/11/25
BG50768-LBK1	Leach Fluid Blank	07/11/25

Batch ID: BG50769 **Preparation Method** EPA 3510C/1312 **Prepared By:** SAC2

YORK Sample ID	Client Sample ID	Preparation Date
25G0311-01	SB-5e-25ft	07/11/25
25G0311-01RE1	SB-5e-25ft	07/11/25
25G0311-02	SB-4e-25ft	07/11/25
25G0311-02RE1	SB-4e-25ft	07/11/25
25G0311-03	SB-3e-28ft	07/11/25
25G0311-03RE1	SB-3e-28ft	07/11/25
25G0311-04	SB-2e-28ft	07/11/25
25G0311-04RE1	SB-2e-28ft	07/11/25
25G0311-04RE2	SB-2e-28ft	07/11/25
25G0311-05	SB-1e-15ft	07/11/25
25G0311-05RE1	SB-1e-15ft	07/11/25
BG50769-BLK1	Blank	07/11/25
BG50769-BS2	LCS	07/11/25
BG50769-LBK1	Leach Fluid Blank	07/11/25

Batch ID: BG50805 **Preparation Method** EPA SW 846-1312 ZHE for SPLP Volat **Prepared By:** TAJ

YORK Sample ID	Client Sample ID	Preparation Date
25G0311-04RE1	SB-2e-28ft	07/11/25
BG50805-BLK1	Blank	07/11/25

Batch ID: BG50852 **Preparation Method** EPA 3550C **Prepared By:** AJF

YORK Sample ID	Client Sample ID	Preparation Date
25G0311-01	SB-5e-25ft	07/13/25
25G0311-02	SB-4e-25ft	07/13/25
25G0311-03	SB-3e-28ft	07/13/25
25G0311-04	SB-2e-28ft	07/13/25
25G0311-05	SB-1e-15ft	07/13/25
BG50852-BLK1	Blank	07/13/25
BG50852-BS1	LCS	07/13/25

Batch ID: BG51047 **Preparation Method** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date

25G0311-04RE1	SB-2e-28ft	07/15/25
BG51047-BLK1	Blank	07/15/25
BG51047-BS1	LCS	07/15/25
BG51047-BSD1	LCS Dup	07/15/25
BG51047-LBK1	Leach Fluid Blank	07/15/25

Batch ID: BG51048 **Preparation Method** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
25G0311-01	SB-5e-25ft	07/08/25
25G0311-02	SB-4e-25ft	07/08/25
25G0311-03	SB-3e-28ft	07/08/25
25G0311-04	SB-2e-28ft	07/08/25
25G0311-05	SB-1e-15ft	07/08/25
BG51048-BLK1	Blank	07/08/25
BG51048-BS1	LCS	07/08/25

Batch ID: BG51050 **Preparation Method** EPA 5030B **Prepared By:** PD

YORK Sample ID	Client Sample ID	Preparation Date
25G0311-01RE1	SB-5e-25ft	07/08/25
25G0311-02RE1	SB-4e-25ft	07/08/25
25G0311-03RE1	SB-3e-28ft	07/08/25
25G0311-05RE1	SB-1e-15ft	07/08/25
BG51050-BLK1	Blank	07/08/25
BG51050-BS1	LCS	07/08/25
BG51050-BSD1	LCS Dup	07/08/25

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50378 - EPA 5035A											
Blank (BG50378-BLK1)											Prepared & Analyzed: 07/07/2025
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Benzene	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroform	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
sec-Butylbenzene	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.8*		*ug/L*	*50.0*		*99.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.1*		*"*	*50.0*		*106*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50378 - EPA 5035A											
LCS (BG50378-BS1)								Prepared & Analyzed: 07/07/2025			
1,1,1-Trichloroethane	53.2		ug/L	50.0		106	71-137				
1,1-Dichloroethane	47.9		"	50.0		95.8	75-130				
1,1-Dichloroethylene	40.8		"	50.0		81.6	64-137				
1,2,4-Trimethylbenzene	46.4		"	50.0		92.9	84-125				
1,2-Dichlorobenzene	47.6		"	50.0		95.3	85-122				
1,2-Dichloroethane	47.1		"	50.0		94.2	71-133				
1,3,5-Trimethylbenzene	48.0		"	50.0		95.9	82-126				
1,3-Dichlorobenzene	50.0		"	50.0		100	84-124				
1,4-Dichlorobenzene	47.2		"	50.0		94.3	84-124				
1,4-Dioxane	982		"	1050		93.5	10-228				
2-Butanone	54.2		"	50.0		108	58-147				
Acetone	45.2		"	50.0		90.4	36-155				
Benzene	48.6		"	50.0		97.1	77-127				
Carbon tetrachloride	51.5		"	50.0		103	66-143				
Chlorobenzene	47.1		"	50.0		94.1	86-120				
Chloroform	48.9		"	50.0		97.8	76-131				
cis-1,2-Dichloroethylene	48.4		"	50.0		96.8	74-132				
Ethyl Benzene	49.3		"	50.0		98.6	84-125				
Methyl tert-butyl ether (MTBE)	42.6		"	50.0		85.1	74-131				
Methylene chloride	40.9		"	50.0		81.7	57-141				
Naphthalene	50.9		"	50.0		102	86-141				
n-Butylbenzene	45.8		"	50.0		91.7	80-130				
n-Propylbenzene	46.9		"	50.0		93.8	74-136				
o-Xylene	50.5		"	50.0		101	83-123				
p- & m- Xylenes	91.0		"	100		91.0	82-128				
sec-Butylbenzene	47.9		"	50.0		95.9	83-125				
tert-Butylbenzene	48.8		"	50.0		97.5	80-127				
Tetrachloroethylene	49.5		"	50.0		99.0	80-129				
Toluene	45.5		"	50.0		91.1	85-121				
trans-1,2-Dichloroethylene	41.0		"	50.0		82.0	72-132				
Trichloroethylene	46.1		"	50.0		92.1	84-123				
Vinyl Chloride	34.1		"	50.0		68.2	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.7*		*"*	*50.0*		*97.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.6*		*"*	*50.0*		*95.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50378 - EPA 5035A											
LCS Dup (BG50378-BSD1)								Prepared & Analyzed: 07/07/2025			
1,1,1-Trichloroethane	52.9		ug/L	50.0		106	71-137		0.584	30	
1,1-Dichloroethane	49.6		"	50.0		99.3	75-130		3.63	30	
1,1-Dichloroethylene	44.0		"	50.0		88.0	64-137		7.50	30	
1,2,4-Trimethylbenzene	46.2		"	50.0		92.4	84-125		0.540	30	
1,2-Dichlorobenzene	46.9		"	50.0		93.8	85-122		1.52	30	
1,2-Dichloroethane	45.9		"	50.0		91.8	71-133		2.65	30	
1,3,5-Trimethylbenzene	48.0		"	50.0		95.9	82-126		0.0208	30	
1,3-Dichlorobenzene	49.8		"	50.0		99.7	84-124		0.420	30	
1,4-Dichlorobenzene	46.5		"	50.0		93.0	84-124		1.35	30	
1,4-Dioxane	898		"	1050		85.5	10-228		8.97	30	
2-Butanone	48.7		"	50.0		97.5	58-147		10.6	30	
Acetone	43.0		"	50.0		86.1	36-155		4.92	30	
Benzene	48.0		"	50.0		96.1	77-127		1.04	30	
Carbon tetrachloride	51.1		"	50.0		102	66-143		0.761	30	
Chlorobenzene	47.0		"	50.0		94.1	86-120		0.0850	30	
Chloroform	48.1		"	50.0		96.2	76-131		1.61	30	
cis-1,2-Dichloroethylene	47.4		"	50.0		94.9	74-132		2.02	30	
Ethyl Benzene	49.2		"	50.0		98.4	84-125		0.203	30	
Methyl tert-butyl ether (MTBE)	42.5		"	50.0		84.9	74-131		0.212	30	
Methylene chloride	43.2		"	50.0		86.4	57-141		5.59	30	
Naphthalene	47.3		"	50.0		94.7	86-141		7.29	30	
n-Butylbenzene	45.7		"	50.0		91.5	80-130		0.218	30	
n-Propylbenzene	46.9		"	50.0		93.7	74-136		0.0640	30	
o-Xylene	50.3		"	50.0		101	83-123		0.476	30	
p- & m- Xylenes	91.1		"	100		91.1	82-128		0.198	30	
sec-Butylbenzene	48.0		"	50.0		95.9	83-125		0.0626	30	
tert-Butylbenzene	48.7		"	50.0		97.4	80-127		0.103	30	
Tetrachloroethylene	49.1		"	50.0		98.2	80-129		0.751	30	
Toluene	46.0		"	50.0		91.9	85-121		0.896	30	
trans-1,2-Dichloroethylene	43.4		"	50.0		86.7	72-132		5.60	30	
Trichloroethylene	46.5		"	50.0		92.9	84-123		0.865	30	
Vinyl Chloride	34.1		"	50.0		68.2	52-130		0.117	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.1*		*"*	*50.0*		*96.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.9*		*"*	*50.0*		*95.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.5*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50455 - EPA 5035A											
Blank (BG50455-BLK1)											
Prepared & Analyzed: 07/08/2025											
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Benzene	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroform	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
sec-Butylbenzene	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*46.6*		*ug/L*	*50.0*		*93.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*54.9*		*"*	*50.0*		*110*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*54.3*		*"*	*50.0*		*109*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50455 - EPA 5035A											
LCS (BG50455-BS1)								Prepared & Analyzed: 07/08/2025			
1,1,1-Trichloroethane	50.5		ug/L	50.0		101	71-137				
1,1-Dichloroethane	47.4		"	50.0		94.8	75-130				
1,1-Dichloroethylene	52.6		"	50.0		105	64-137				
1,2,4-Trimethylbenzene	58.2		"	50.0		116	84-125				
1,2-Dichlorobenzene	55.2		"	50.0		110	85-122				
1,2-Dichloroethane	45.2		"	50.0		90.5	71-133				
1,3,5-Trimethylbenzene	56.4		"	50.0		113	82-126				
1,3-Dichlorobenzene	57.9		"	50.0		116	84-124				
1,4-Dichlorobenzene	58.0		"	50.0		116	84-124				
1,4-Dioxane	1010		"	1050		96.3	10-228				
2-Butanone	45.5		"	50.0		91.0	58-147				
Acetone	52.2		"	50.0		104	36-155				
Benzene	49.0		"	50.0		98.1	77-127				
Carbon tetrachloride	56.3		"	50.0		113	66-143				
Chlorobenzene	52.4		"	50.0		105	86-120				
Chloroform	47.3		"	50.0		94.5	76-131				
cis-1,2-Dichloroethylene	49.2		"	50.0		98.3	74-132				
Ethyl Benzene	50.9		"	50.0		102	84-125				
Methyl tert-butyl ether (MTBE)	45.2		"	50.0		90.5	74-131				
Methylene chloride	45.6		"	50.0		91.2	57-141				
Naphthalene	50.8		"	50.0		102	86-141				
n-Butylbenzene	55.3		"	50.0		111	80-130				
n-Propylbenzene	54.4		"	50.0		109	74-136				
o-Xylene	53.1		"	50.0		106	83-123				
p- & m- Xylenes	101		"	100		101	82-128				
sec-Butylbenzene	54.7		"	50.0		109	83-125				
tert-Butylbenzene	46.4		"	50.0		92.8	80-127				
Tetrachloroethylene	51.2		"	50.0		102	80-129				
Toluene	50.0		"	50.0		100	85-121				
trans-1,2-Dichloroethylene	50.2		"	50.0		100	72-132				
Trichloroethylene	54.0		"	50.0		108	84-123				
Vinyl Chloride	38.8		"	50.0		77.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.9*		*"*	*50.0*		*95.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.2*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.4*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50455 - EPA 5035A											
LCS Dup (BG50455-BSD1)								Prepared & Analyzed: 07/08/2025			
1,1,1-Trichloroethane	51.3		ug/L	50.0		103	71-137		1.61	30	
1,1-Dichloroethane	47.8		"	50.0		95.6	75-130		0.883	30	
1,1-Dichloroethylene	52.9		"	50.0		106	64-137		0.664	30	
1,2,4-Trimethylbenzene	58.9		"	50.0		118	84-125		1.11	30	
1,2-Dichlorobenzene	56.3		"	50.0		113	85-122		1.96	30	
1,2-Dichloroethane	47.2		"	50.0		94.5	71-133		4.30	30	
1,3,5-Trimethylbenzene	56.3		"	50.0		113	82-126		0.160	30	
1,3-Dichlorobenzene	58.1		"	50.0		116	84-124		0.224	30	
1,4-Dichlorobenzene	58.7		"	50.0		117	84-124		1.25	30	
1,4-Dioxane	1110		"	1050		105	10-228		8.85	30	
2-Butanone	48.6		"	50.0		97.3	58-147		6.69	30	
Acetone	54.7		"	50.0		109	36-155		4.70	30	
Benzene	50.5		"	50.0		101	77-127		2.93	30	
Carbon tetrachloride	57.1		"	50.0		114	66-143		1.39	30	
Chlorobenzene	53.2		"	50.0		106	86-120		1.46	30	
Chloroform	48.4		"	50.0		96.8	76-131		2.38	30	
cis-1,2-Dichloroethylene	50.1		"	50.0		100	74-132		1.83	30	
Ethyl Benzene	52.3		"	50.0		105	84-125		2.77	30	
Methyl tert-butyl ether (MTBE)	47.7		"	50.0		95.4	74-131		5.27	30	
Methylene chloride	46.0		"	50.0		92.0	57-141		0.851	30	
Naphthalene	53.3		"	50.0		107	86-141		4.92	30	
n-Butylbenzene	53.6		"	50.0		107	80-130		3.16	30	
n-Propylbenzene	53.7		"	50.0		107	74-136		1.26	30	
o-Xylene	55.2		"	50.0		110	83-123		3.92	30	
p- & m- Xylenes	104		"	100		104	82-128		2.71	30	
sec-Butylbenzene	53.6		"	50.0		107	83-125		2.03	30	
tert-Butylbenzene	46.1		"	50.0		92.1	80-127		0.671	30	
Tetrachloroethylene	52.3		"	50.0		105	80-129		2.15	30	
Toluene	51.4		"	50.0		103	85-121		2.88	30	
trans-1,2-Dichloroethylene	50.9		"	50.0		102	72-132		1.40	30	
Trichloroethylene	55.6		"	50.0		111	84-123		2.94	30	
Vinyl Chloride	41.1		"	50.0		82.3	52-130		5.83	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.2*		*"*	*50.0*		*96.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.1*		*"*	*50.0*		*100*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50482 - EPA 5035A											
Blank (BG50482-BLK1)											
Prepared & Analyzed: 07/08/2025											
1,1,1-Trichloroethane	ND	0.0050	mg/kg wet								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Benzene	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroform	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
Naphthalene	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
sec-Butylbenzene	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.2*		*ug/L*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.8*		*"*	*50.0*		*95.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.8*		*"*	*50.0*		*108*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50482 - EPA 5035A											
LCS (BG50482-BS1)								Prepared & Analyzed: 07/08/2025			
1,1,1-Trichloroethane	52.6		ug/L	50.0		105	71-137				
1,1-Dichloroethane	52.9		"	50.0		106	75-130				
1,1-Dichloroethylene	45.0		"	50.0		90.0	64-137				
1,2,4-Trimethylbenzene	45.9		"	50.0		91.8	84-125				
1,2-Dichlorobenzene	46.9		"	50.0		93.7	85-122				
1,2-Dichloroethane	48.6		"	50.0		97.1	71-133				
1,3,5-Trimethylbenzene	47.1		"	50.0		94.1	82-126				
1,3-Dichlorobenzene	49.3		"	50.0		98.6	84-124				
1,4-Dichlorobenzene	45.8		"	50.0		91.7	84-124				
1,4-Dioxane	937		"	1050		89.3	10-228				
2-Butanone	55.7		"	50.0		111	58-147				
Acetone	52.6		"	50.0		105	36-155				
Benzene	48.0		"	50.0		96.1	77-127				
Carbon tetrachloride	51.8		"	50.0		104	66-143				
Chlorobenzene	46.9		"	50.0		93.7	86-120				
Chloroform	49.0		"	50.0		98.1	76-131				
cis-1,2-Dichloroethylene	49.8		"	50.0		99.7	74-132				
Ethyl Benzene	49.5		"	50.0		99.1	84-125				
Methyl tert-butyl ether (MTBE)	45.4		"	50.0		90.8	74-131				
Methylene chloride	46.5		"	50.0		93.0	57-141				
Naphthalene	47.9		"	50.0		95.7	86-141				
n-Butylbenzene	46.2		"	50.0		92.3	80-130				
n-Propylbenzene	46.5		"	50.0		93.0	74-136				
o-Xylene	50.4		"	50.0		101	83-123				
p- & m- Xylenes	92.0		"	100		92.0	82-128				
sec-Butylbenzene	47.3		"	50.0		94.7	83-125				
tert-Butylbenzene	47.8		"	50.0		95.5	80-127				
Tetrachloroethylene	50.2		"	50.0		100	80-129				
Toluene	45.2		"	50.0		90.3	85-121				
trans-1,2-Dichloroethylene	47.7		"	50.0		95.4	72-132				
Trichloroethylene	45.1		"	50.0		90.2	84-123				
Vinyl Chloride	36.4		"	50.0		72.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.0*		*"*	*50.0*		*94.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.4*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50482 - EPA 5035A											
LCS Dup (BG50482-BSD1)								Prepared & Analyzed: 07/08/2025			
1,1,1-Trichloroethane	52.9		ug/L	50.0		106	71-137		0.512	30	
1,1-Dichloroethane	47.0		"	50.0		94.1	75-130		11.8	30	
1,1-Dichloroethylene	47.5		"	50.0		95.0	64-137		5.49	30	
1,2,4-Trimethylbenzene	45.0		"	50.0		89.9	84-125		2.09	30	
1,2-Dichlorobenzene	45.9		"	50.0		91.8	85-122		2.11	30	
1,2-Dichloroethane	47.4		"	50.0		94.7	71-133		2.54	30	
1,3,5-Trimethylbenzene	46.4		"	50.0		92.8	82-126		1.39	30	
1,3-Dichlorobenzene	48.4		"	50.0		96.9	84-124		1.78	30	
1,4-Dichlorobenzene	45.2		"	50.0		90.3	84-124		1.47	30	
1,4-Dioxane	867		"	1050		82.6	10-228		7.78	30	
2-Butanone	51.4		"	50.0		103	58-147		8.07	30	
Acetone	52.9		"	50.0		106	36-155		0.569	30	
Benzene	48.1		"	50.0		96.2	77-127		0.104	30	
Carbon tetrachloride	52.6		"	50.0		105	66-143		1.55	30	
Chlorobenzene	46.2		"	50.0		92.3	86-120		1.53	30	
Chloroform	48.8		"	50.0		97.6	76-131		0.532	30	
cis-1,2-Dichloroethylene	47.6		"	50.0		95.3	74-132		4.49	30	
Ethyl Benzene	48.7		"	50.0		97.4	84-125		1.69	30	
Methyl tert-butyl ether (MTBE)	43.0		"	50.0		86.0	74-131		5.48	30	
Methylene chloride	46.8		"	50.0		93.7	57-141		0.664	30	
Naphthalene	47.0		"	50.0		94.1	86-141		1.75	30	
n-Butylbenzene	45.2		"	50.0		90.5	80-130		1.99	30	
n-Propylbenzene	45.9		"	50.0		91.8	74-136		1.36	30	
o-Xylene	49.6		"	50.0		99.3	83-123		1.62	30	
p- & m- Xylenes	90.7		"	100		90.7	82-128		1.38	30	
sec-Butylbenzene	46.6		"	50.0		93.3	83-125		1.47	30	
tert-Butylbenzene	47.0		"	50.0		93.9	80-127		1.71	30	
Tetrachloroethylene	48.2		"	50.0		96.4	80-129		4.01	30	
Toluene	45.2		"	50.0		90.5	85-121		0.155	30	
trans-1,2-Dichloroethylene	43.9		"	50.0		87.9	72-132		8.16	30	
Trichloroethylene	45.8		"	50.0		91.6	84-123		1.56	30	
Vinyl Chloride	34.6		"	50.0		69.1	52-130		5.24	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.8*		*"*	*50.0*		*95.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.6*		*"*	*50.0*		*101*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50697 - EPA 5035A											
Blank (BG50697-BLK2)											
Prepared & Analyzed: 07/10/2025											
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
Acetone	ND	1.0	"								
Benzene	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroform	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	1.0	"								
Naphthalene	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
sec-Butylbenzene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.4*		*"*	*50.0*		*96.9*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.7*		*"*	*50.0*		*105*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50697 - EPA 5035A											
LCS (BG50697-BS2)								Prepared & Analyzed: 07/10/2025			
1,1,1-Trichloroethane	49.9		ug/L	50.0		99.7	71-137				
1,1-Dichloroethane	46.8		"	50.0		93.7	75-130				
1,1-Dichloroethylene	47.7		"	50.0		95.3	64-137				
1,2,4-Trimethylbenzene	53.1		"	50.0		106	84-125				
1,2-Dichlorobenzene	49.2		"	50.0		98.5	85-122				
1,2-Dichloroethane	47.6		"	50.0		95.2	71-133				
1,3,5-Trimethylbenzene	52.0		"	50.0		104	82-126				
1,3-Dichlorobenzene	50.0		"	50.0		100	84-124				
1,4-Dichlorobenzene	50.3		"	50.0		101	84-124				
1,4-Dioxane	185		"	1050		17.6	10-228				
2-Butanone	48.0		"	50.0		96.1	58-147				
Acetone	48.5		"	50.0		97.0	36-155				
Benzene	50.1		"	50.0		100	77-127				
Carbon tetrachloride	46.6		"	50.0		93.3	66-143				
Chlorobenzene	49.1		"	50.0		98.3	86-120				
Chloroform	48.7		"	50.0		97.4	76-131				
cis-1,2-Dichloroethylene	49.3		"	50.0		98.6	74-132				
Ethyl Benzene	50.9		"	50.0		102	84-125				
Methyl tert-butyl ether (MTBE)	47.7		"	50.0		95.3	74-131				
Methylene chloride	50.7		"	50.0		101	57-141				
Naphthalene	45.4		"	50.0		90.7	86-141				
n-Butylbenzene	50.7		"	50.0		101	80-130				
n-Propylbenzene	52.4		"	50.0		105	74-136				
o-Xylene	52.4		"	50.0		105	83-123				
p- & m- Xylenes	102		"	100		102	82-128				
sec-Butylbenzene	52.6		"	50.0		105	83-125				
tert-Butylbenzene	52.0		"	50.0		104	80-127				
Tetrachloroethylene	40.3		"	50.0		80.5	80-129				
Toluene	49.1		"	50.0		98.3	85-121				
trans-1,2-Dichloroethylene	48.7		"	50.0		97.3	72-132				
Trichloroethylene	47.7		"	50.0		95.4	84-123				
Vinyl Chloride	34.5		"	50.0		69.1	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.3*		*"*	*50.0*		*96.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*98.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.7*		*"*	*50.0*		*105*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50697 - EPA 5035A											
LCS Dup (BG50697-BSD2)								Prepared & Analyzed: 07/10/2025			
1,1,1-Trichloroethane	47.3		ug/L	50.0		94.5	71-137		5.35	30	
1,1-Dichloroethane	45.0		"	50.0		89.9	75-130		4.07	30	
1,1-Dichloroethylene	43.2		"	50.0		86.3	64-137		9.91	30	
1,2,4-Trimethylbenzene	51.5		"	50.0		103	84-125		3.06	30	
1,2-Dichlorobenzene	48.3		"	50.0		96.5	85-122		1.99	30	
1,2-Dichloroethane	47.2		"	50.0		94.4	71-133		0.907	30	
1,3,5-Trimethylbenzene	50.4		"	50.0		101	82-126		2.99	30	
1,3-Dichlorobenzene	48.4		"	50.0		96.8	84-124		3.31	30	
1,4-Dichlorobenzene	49.3		"	50.0		98.7	84-124		1.89	30	
1,4-Dioxane	190		"	1050		18.1	10-228		2.90	30	
2-Butanone	48.7		"	50.0		97.4	58-147		1.43	30	
Acetone	46.2		"	50.0		92.3	36-155		4.97	30	
Benzene	49.3		"	50.0		98.5	77-127		1.63	30	
Carbon tetrachloride	43.6		"	50.0		87.3	66-143		6.67	30	
Chlorobenzene	48.4		"	50.0		96.8	86-120		1.54	30	
Chloroform	47.9		"	50.0		95.8	76-131		1.70	30	
cis-1,2-Dichloroethylene	48.5		"	50.0		97.0	74-132		1.64	30	
Ethyl Benzene	49.6		"	50.0		99.1	84-125		2.71	30	
Methyl tert-butyl ether (MTBE)	45.5		"	50.0		91.0	74-131		4.66	30	
Methylene chloride	44.7		"	50.0		89.5	57-141		12.5	30	
Naphthalene	46.0		"	50.0		92.0	86-141		1.38	30	
n-Butylbenzene	48.7		"	50.0		97.3	80-130		4.11	30	
n-Propylbenzene	50.6		"	50.0		101	74-136		3.48	30	
o-Xylene	51.0		"	50.0		102	83-123		2.75	30	
p- & m- Xylenes	98.6		"	100		98.6	82-128		3.17	30	
sec-Butylbenzene	50.9		"	50.0		102	83-125		3.21	30	
tert-Butylbenzene	50.6		"	50.0		101	80-127		2.86	30	
Tetrachloroethylene	39.2		"	50.0		78.5	80-129	Low Bias	2.57	30	
Toluene	48.1		"	50.0		96.2	85-121		2.12	30	
trans-1,2-Dichloroethylene	44.5		"	50.0		89.0	72-132		8.95	30	
Trichloroethylene	46.6		"	50.0		93.1	84-123		2.40	30	
Vinyl Chloride	32.8		"	50.0		65.5	52-130		5.29	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.7*		*"*	*50.0*		*97.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.6*		*"*	*50.0*		*97.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.5*		*"*	*50.0*		*105*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50698 - EPA 5035A											
Blank (BG50698-BLK2)											
Prepared & Analyzed: 07/09/2025											
1,1,1-Trichloroethane	ND	0.50	mg/kg wet								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
Acetone	ND	1.0	"								
Benzene	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroform	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	1.0	"								
Naphthalene	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
sec-Butylbenzene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*ug/L*	*50.0*		*99.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.5*		*"*	*50.0*		*97.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.7*		*"*	*50.0*		*105*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50698 - EPA 5035A											
LCS (BG50698-BS2)								Prepared & Analyzed: 07/09/2025			
1,1,1-Trichloroethane	50.4		ug/L	50.0		101	71-137				
1,1-Dichloroethane	47.6		"	50.0		95.1	75-130				
1,1-Dichloroethylene	46.3		"	50.0		92.5	64-137				
1,2,4-Trimethylbenzene	54.5		"	50.0		109	84-125				
1,2-Dichlorobenzene	52.4		"	50.0		105	85-122				
1,2-Dichloroethane	51.6		"	50.0		103	71-133				
1,3,5-Trimethylbenzene	54.8		"	50.0		110	82-126				
1,3-Dichlorobenzene	51.4		"	50.0		103	84-124				
1,4-Dichlorobenzene	52.0		"	50.0		104	84-124				
1,4-Dioxane	213		"	1050		20.3	10-228				
2-Butanone	54.8		"	50.0		110	58-147				
Acetone	50.8		"	50.0		102	36-155				
Benzene	53.5		"	50.0		107	77-127				
Carbon tetrachloride	45.6		"	50.0		91.1	66-143				
Chlorobenzene	53.0		"	50.0		106	86-120				
Chloroform	52.0		"	50.0		104	76-131				
cis-1,2-Dichloroethylene	52.2		"	50.0		104	74-132				
Ethyl Benzene	53.9		"	50.0		108	84-125				
Methyl tert-butyl ether (MTBE)	49.6		"	50.0		99.2	74-131				
Methylene chloride	49.5		"	50.0		99.0	57-141				
Naphthalene	51.2		"	50.0		102	86-141				
n-Butylbenzene	49.9		"	50.0		99.8	80-130				
n-Propylbenzene	54.0		"	50.0		108	74-136				
o-Xylene	55.6		"	50.0		111	83-123				
p- & m- Xylenes	107		"	100		107	82-128				
sec-Butylbenzene	54.3		"	50.0		109	83-125				
tert-Butylbenzene	54.8		"	50.0		110	80-127				
Tetrachloroethylene	42.2		"	50.0		84.4	80-129				
Toluene	52.7		"	50.0		105	85-121				
trans-1,2-Dichloroethylene	46.8		"	50.0		93.7	72-132				
Trichloroethylene	51.1		"	50.0		102	84-123				
Vinyl Chloride	57.4		"	50.0		115	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.7*		*"*	*50.0*		*97.5*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*98.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.0*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50698 - EPA 5035A											
LCS Dup (BG50698-BSD2)								Prepared & Analyzed: 07/09/2025			
1,1,1-Trichloroethane	51.8		ug/L	50.0		104	71-137		2.76	30	
1,1-Dichloroethane	48.9		"	50.0		97.8	75-130		2.76	30	
1,1-Dichloroethylene	48.2		"	50.0		96.5	64-137		4.19	30	
1,2,4-Trimethylbenzene	55.9		"	50.0		112	84-125		2.39	30	
1,2-Dichlorobenzene	53.2		"	50.0		106	85-122		1.36	30	
1,2-Dichloroethane	52.8		"	50.0		106	71-133		2.32	30	
1,3,5-Trimethylbenzene	54.9		"	50.0		110	82-126		0.109	30	
1,3-Dichlorobenzene	52.4		"	50.0		105	84-124		1.79	30	
1,4-Dichlorobenzene	53.4		"	50.0		107	84-124		2.70	30	
1,4-Dioxane	216		"	1050		20.5	10-228		1.34	30	
2-Butanone	55.4		"	50.0		111	58-147		1.02	30	
Acetone	52.7		"	50.0		105	36-155		3.67	30	
Benzene	54.8		"	50.0		110	77-127		2.51	30	
Carbon tetrachloride	46.6		"	50.0		93.3	66-143		2.36	30	
Chlorobenzene	54.3		"	50.0		109	86-120		2.44	30	
Chloroform	53.2		"	50.0		106	76-131		2.13	30	
cis-1,2-Dichloroethylene	53.8		"	50.0		108	74-132		2.89	30	
Ethyl Benzene	55.4		"	50.0		111	84-125		2.65	30	
Methyl tert-butyl ether (MTBE)	51.0		"	50.0		102	74-131		2.76	30	
Methylene chloride	52.5		"	50.0		105	57-141		5.88	30	
Naphthalene	52.0		"	50.0		104	86-141		1.57	30	
n-Butylbenzene	51.1		"	50.0		102	80-130		2.42	30	
n-Propylbenzene	55.4		"	50.0		111	74-136		2.58	30	
o-Xylene	57.2		"	50.0		114	83-123		2.71	30	
p- & m- Xylenes	110		"	100		110	82-128		2.93	30	
sec-Butylbenzene	55.5		"	50.0		111	83-125		2.19	30	
tert-Butylbenzene	55.8		"	50.0		112	80-127		1.79	30	
Tetrachloroethylene	44.0		"	50.0		88.0	80-129		4.13	30	
Toluene	54.2		"	50.0		108	85-121		2.96	30	
trans-1,2-Dichloroethylene	48.4		"	50.0		96.8	72-132		3.26	30	
Trichloroethylene	53.1		"	50.0		106	84-123		3.74	30	
Vinyl Chloride	59.5		"	50.0		119	52-130		3.61	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.6*		*"*	*50.0*		*97.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.4*		*"*	*50.0*		*98.8*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*52.2*		*"*	*50.0*		*104*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG51047 - EPA 5030B											
Blank (BG51047-BLK1)											
Prepared & Analyzed: 07/15/2025											
1,1,1-Trichloroethane	ND	0.50	ug/L								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	80	"								
2-Butanone	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroform	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
sec-Butylbenzene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.73*		"	*10.0*		*97.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.77*		"	*10.0*		*97.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.9*		"	*10.0*		*109*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG51047 - EPA 5030B											
LCS (BG51047-BS1)								Prepared & Analyzed: 07/15/2025			
1,1,1-Trichloroethane	9.35		ug/L	10.0		93.5	78-136				
1,1-Dichloroethane	7.65		"	10.0		76.5	82-129	Low Bias			
1,1-Dichloroethylene	10.6		"	10.0		106	68-138				
1,2,4-Trimethylbenzene	9.87		"	10.0		98.7	82-132				
1,2-Dichlorobenzene	8.91		"	10.0		89.1	79-123				
1,2-Dichloroethane	8.94		"	10.0		89.4	73-132				
1,3,5-Trimethylbenzene	9.70		"	10.0		97.0	80-131				
1,3-Dichlorobenzene	9.11		"	10.0		91.1	86-122				
1,4-Dichlorobenzene	9.04		"	10.0		90.4	85-124				
1,4-Dioxane	37.7		"	210		17.9	10-349				
2-Butanone	8.88		"	10.0		88.8	49-152				
Acetone	10.6		"	10.0		106	14-150				
Benzene	9.49		"	10.0		94.9	85-126				
Carbon tetrachloride	9.81		"	10.0		98.1	77-141				
Chlorobenzene	9.06		"	10.0		90.6	88-120				
Chloroform	9.07		"	10.0		90.7	82-128				
cis-1,2-Dichloroethylene	9.06		"	10.0		90.6	83-129				
Ethyl Benzene	9.23		"	10.0		92.3	80-131				
Methyl tert-butyl ether (MTBE)	8.95		"	10.0		89.5	76-135				
Methylene chloride	10.0		"	10.0		100	55-137				
Naphthalene	8.29		"	10.0		82.9	70-147				
n-Butylbenzene	9.62		"	10.0		96.2	79-132				
n-Propylbenzene	9.47		"	10.0		94.7	78-133				
o-Xylene	9.29		"	10.0		92.9	78-130				
p- & m- Xylenes	18.8		"	20.0		94.2	77-133				
sec-Butylbenzene	9.70		"	10.0		97.0	79-137				
tert-Butylbenzene	8.24		"	10.0		82.4	77-138				
Tetrachloroethylene	5.96		"	10.0		59.6	82-131	Low Bias			
Toluene	9.15		"	10.0		91.5	80-127				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132				
Trichloroethylene	8.39		"	10.0		83.9	82-128				
Vinyl Chloride	12.0		"	10.0		120	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.76*		*"*	*10.0*		*97.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG51047 - EPA 5030B											
LCS Dup (BG51047-BSD1)								Prepared & Analyzed: 07/15/2025			
1,1,1-Trichloroethane	9.62		ug/L	10.0		96.2	78-136		2.85	30	
1,1-Dichloroethane	11.4		"	10.0		114	82-129		39.8	30	Non-dir.
1,1-Dichloroethylene	11.4		"	10.0		114	68-138		7.64	30	
1,2,4-Trimethylbenzene	9.71		"	10.0		97.1	82-132		1.63	30	
1,2-Dichlorobenzene	9.06		"	10.0		90.6	79-123		1.67	30	
1,2-Dichloroethane	9.55		"	10.0		95.5	73-132		6.60	30	
1,3,5-Trimethylbenzene	9.39		"	10.0		93.9	80-131		3.25	30	
1,3-Dichlorobenzene	9.10		"	10.0		91.0	86-122		0.110	30	
1,4-Dichlorobenzene	9.08		"	10.0		90.8	85-124		0.442	30	
1,4-Dioxane	25.2		"	210		12.0	10-349		39.5	30	Non-dir.
2-Butanone	9.41		"	10.0		94.1	49-152		5.80	30	
Acetone	11.7		"	10.0		117	14-150		10.2	30	
Benzene	9.74		"	10.0		97.4	85-126		2.60	30	
Carbon tetrachloride	10.0		"	10.0		100	77-141		1.92	30	
Chlorobenzene	9.39		"	10.0		93.9	88-120		3.58	30	
Chloroform	9.48		"	10.0		94.8	82-128		4.42	30	
cis-1,2-Dichloroethylene	9.56		"	10.0		95.6	83-129		5.37	30	
Ethyl Benzene	9.45		"	10.0		94.5	80-131		2.36	30	
Methyl tert-butyl ether (MTBE)	9.77		"	10.0		97.7	76-135		8.76	30	
Methylene chloride	10.3		"	10.0		103	55-137		2.17	30	
Naphthalene	8.80		"	10.0		88.0	70-147		5.97	30	
n-Butylbenzene	9.36		"	10.0		93.6	79-132		2.74	30	
n-Propylbenzene	9.14		"	10.0		91.4	78-133		3.55	30	
o-Xylene	9.63		"	10.0		96.3	78-130		3.59	30	
p- & m- Xylenes	19.5		"	20.0		97.7	77-133		3.65	30	
sec-Butylbenzene	9.40		"	10.0		94.0	79-137		3.14	30	
tert-Butylbenzene	7.94		"	10.0		79.4	77-138		3.71	30	
Tetrachloroethylene	5.92		"	10.0		59.2	82-131	Low Bias	0.673	30	
Toluene	9.25		"	10.0		92.5	80-127		1.09	30	
trans-1,2-Dichloroethylene	10.5		"	10.0		105	80-132		0.478	30	
Trichloroethylene	8.49		"	10.0		84.9	82-128		1.18	30	
Vinyl Chloride	12.6		"	10.0		126	58-145		5.03	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.63*		*"*	*10.0*		*96.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.56*		*"*	*10.0*		*95.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.74*		*"*	*10.0*		*97.4*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG51047 - EPA 5030B											
Leach Fluid Blank (BG51047-LBK1)											
Prepared & Analyzed: 07/15/2025											
1,1,1-Trichloroethane	ND	0.50	ug/L								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	80	"								
2-Butanone	ND	0.50	"								
Acetone	4.63	2.0	"								
Benzene	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroform	1.65	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	7.27	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
sec-Butylbenzene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.94*		"	*10.0*		*99.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.67*		"	*10.0*		*96.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.9*		"	*10.0*		*109*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG51048 - EPA 5030B											
Blank (BG51048-BLK1)											
1,1,1-Trichloroethane	ND	0.50	ug/L								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	80	"								
2-Butanone	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroform	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
sec-Butylbenzene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		"	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		"	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.81*		"	*10.0*		*98.1*	*79-122*				

Prepared & Analyzed: 07/08/2025

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG51048 - EPA 5030B											
LCS (BG51048-BS1)								Prepared & Analyzed: 07/08/2025			
1,1,1-Trichloroethane	8.88		ug/L	10.0		88.8	78-136				
1,1-Dichloroethane	8.76		"	10.0		87.6	82-129				
1,1-Dichloroethylene	8.43		"	10.0		84.3	68-138				
1,2,4-Trimethylbenzene	8.94		"	10.0		89.4	82-132				
1,2-Dichlorobenzene	8.73		"	10.0		87.3	79-123				
1,2-Dichloroethane	8.91		"	10.0		89.1	73-132				
1,3,5-Trimethylbenzene	8.64		"	10.0		86.4	80-131				
1,3-Dichlorobenzene	8.67		"	10.0		86.7	86-122				
1,4-Dichlorobenzene	8.78		"	10.0		87.8	85-124				
1,4-Dioxane	171		"	210		81.5	10-349				
2-Butanone	8.02		"	10.0		80.2	49-152				
Acetone	6.66		"	10.0		66.6	14-150				
Benzene	9.35		"	10.0		93.5	85-126				
Carbon tetrachloride	8.98		"	10.0		89.8	77-141				
Chlorobenzene	9.31		"	10.0		93.1	88-120				
Chloroform	9.17		"	10.0		91.7	82-128				
cis-1,2-Dichloroethylene	8.85		"	10.0		88.5	83-129				
Ethyl Benzene	9.34		"	10.0		93.4	80-131				
Methyl tert-butyl ether (MTBE)	8.85		"	10.0		88.5	76-135				
Methylene chloride	9.09		"	10.0		90.9	55-137				
Naphthalene	8.51		"	10.0		85.1	70-147				
n-Butylbenzene	7.52		"	10.0		75.2	79-132	Low Bias			
n-Propylbenzene	8.47		"	10.0		84.7	78-133				
o-Xylene	9.39		"	10.0		93.9	78-130				
p- & m- Xylenes	19.2		"	20.0		95.8	77-133				
sec-Butylbenzene	7.56		"	10.0		75.6	79-137	Low Bias			
tert-Butylbenzene	7.86		"	10.0		78.6	77-138				
Tetrachloroethylene	5.59		"	10.0		55.9	82-131	Low Bias			
Toluene	9.23		"	10.0		92.3	80-127				
trans-1,2-Dichloroethylene	8.70		"	10.0		87.0	80-132				
Trichloroethylene	8.33		"	10.0		83.3	82-128				
Vinyl Chloride	6.21		"	10.0		62.1	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.86*		*"*	*10.0*		*98.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.94*		*"*	*10.0*		*99.4*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG51050 - EPA 5030B											
Blank (BG51050-BLK1)											
Prepared: 07/08/2025 Analyzed: 07/09/2025											
1,1,1-Trichloroethane	ND	0.50	ug/L								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	80	"								
2-Butanone	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroform	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	ND	2.0	"								
Naphthalene	1.9	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
sec-Butylbenzene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		"	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		"	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.98*		"	*10.0*		*99.8*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG51050 - EPA 5030B											
LCS (BG51050-BS1)								Prepared: 07/08/2025 Analyzed: 07/09/2025			
1,1,1-Trichloroethane	8.94		ug/L	10.0		89.4	78-136				
1,1-Dichloroethane	8.59		"	10.0		85.9	82-129				
1,1-Dichloroethylene	8.30		"	10.0		83.0	68-138				
1,2,4-Trimethylbenzene	8.79		"	10.0		87.9	82-132				
1,2-Dichlorobenzene	8.49		"	10.0		84.9	79-123				
1,2-Dichloroethane	8.67		"	10.0		86.7	73-132				
1,3,5-Trimethylbenzene	8.58		"	10.0		85.8	80-131				
1,3-Dichlorobenzene	8.48		"	10.0		84.8	86-122	Low Bias			
1,4-Dichlorobenzene	8.58		"	10.0		85.8	85-124				
1,4-Dioxane	176		"	210		83.8	10-349				
2-Butanone	8.23		"	10.0		82.3	49-152				
Acetone	7.07		"	10.0		70.7	14-150				
Benzene	9.25		"	10.0		92.5	85-126				
Carbon tetrachloride	9.11		"	10.0		91.1	77-141				
Chlorobenzene	9.03		"	10.0		90.3	88-120				
Chloroform	8.94		"	10.0		89.4	82-128				
cis-1,2-Dichloroethylene	8.74		"	10.0		87.4	83-129				
Ethyl Benzene	9.24		"	10.0		92.4	80-131				
Methyl tert-butyl ether (MTBE)	9.05		"	10.0		90.5	76-135				
Methylene chloride	9.18		"	10.0		91.8	55-137				
Naphthalene	15.0		"	10.0		150	70-147	High Bias			
n-Butylbenzene	7.61		"	10.0		76.1	79-132	Low Bias			
n-Propylbenzene	8.58		"	10.0		85.8	78-133				
o-Xylene	9.26		"	10.0		92.6	78-130				
p- & m- Xylenes	18.8		"	20.0		94.0	77-133				
sec-Butylbenzene	7.89		"	10.0		78.9	79-137	Low Bias			
tert-Butylbenzene	7.99		"	10.0		79.9	77-138				
Tetrachloroethylene	5.70		"	10.0		57.0	82-131	Low Bias			
Toluene	9.17		"	10.0		91.7	80-127				
trans-1,2-Dichloroethylene	8.56		"	10.0		85.6	80-132				
Trichloroethylene	8.31		"	10.0		83.1	82-128				
Vinyl Chloride	10.8		"	10.0		108	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.81*		*"*	*10.0*		*98.1*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG51050 - EPA 5030B											
LCS Dup (BG51050-BSD1)									Prepared: 07/08/2025 Analyzed: 07/09/2025		
1,1,1-Trichloroethane	9.20		ug/L	10.0		92.0	78-136		2.87	30	
1,1-Dichloroethane	9.03		"	10.0		90.3	82-129		4.99	30	
1,1-Dichloroethylene	8.25		"	10.0		82.5	68-138		0.604	30	
1,2,4-Trimethylbenzene	9.12		"	10.0		91.2	82-132		3.69	30	
1,2-Dichlorobenzene	8.78		"	10.0		87.8	79-123		3.36	30	
1,2-Dichloroethane	9.07		"	10.0		90.7	73-132		4.51	30	
1,3,5-Trimethylbenzene	8.90		"	10.0		89.0	80-131		3.66	30	
1,3-Dichlorobenzene	8.74		"	10.0		87.4	86-122		3.02	30	
1,4-Dichlorobenzene	8.80		"	10.0		88.0	85-124		2.53	30	
1,4-Dioxane	187		"	210		89.0	10-349		6.02	30	
2-Butanone	8.66		"	10.0		86.6	49-152		5.09	30	
Acetone	7.14		"	10.0		71.4	14-150		0.985	30	
Benzene	9.72		"	10.0		97.2	85-126		4.96	30	
Carbon tetrachloride	9.24		"	10.0		92.4	77-141		1.42	30	
Chlorobenzene	9.40		"	10.0		94.0	88-120		4.02	30	
Chloroform	9.30		"	10.0		93.0	82-128		3.95	30	
cis-1,2-Dichloroethylene	9.11		"	10.0		91.1	83-129		4.15	30	
Ethyl Benzene	9.61		"	10.0		96.1	80-131		3.93	30	
Methyl tert-butyl ether (MTBE)	9.46		"	10.0		94.6	76-135		4.43	30	
Methylene chloride	9.32		"	10.0		93.2	55-137		1.51	30	
Naphthalene	12.8		"	10.0		128	70-147		15.7	30	
n-Butylbenzene	8.18		"	10.0		81.8	79-132		7.22	30	
n-Propylbenzene	9.03		"	10.0		90.3	78-133		5.11	30	
o-Xylene	9.53		"	10.0		95.3	78-130		2.87	30	
p- & m- Xylenes	19.6		"	20.0		97.8	77-133		4.01	30	
sec-Butylbenzene	8.52		"	10.0		85.2	79-137		7.68	30	
tert-Butylbenzene	8.51		"	10.0		85.1	77-138		6.30	30	
Tetrachloroethylene	5.93		"	10.0		59.3	82-131	Low Bias	3.96	30	
Toluene	9.54		"	10.0		95.4	80-127		3.96	30	
trans-1,2-Dichloroethylene	8.92		"	10.0		89.2	80-132		4.12	30	
Trichloroethylene	8.58		"	10.0		85.8	82-128		3.20	30	
Vinyl Chloride	10.9		"	10.0		109	58-145		0.830	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.97*		*"*	*10.0*		*99.7*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50357 - EPA 3550C											
Blank (BG50357-BLK1)											
Prepared & Analyzed: 07/07/2025											
2-Methylphenol	ND	0.0416	mg/kg wet								
3- & 4-Methylphenols	ND	0.0416	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Anthracene	ND	0.0416	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.36*		"	*1.66*		*82.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.23*		"	*1.66*		*74.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.627*		"	*0.831*		*75.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.578*		"	*0.831*		*69.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.81*		"	*1.66*		*109*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.656*		"	*0.831*		*79.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50357 - EPA 3550C											
LCS (BG50357-BS1)									Prepared & Analyzed: 07/07/2025		
2-Methylphenol	0.376	0.0416	mg/kg wet	0.831		45.2	10-136				
3- & 4-Methylphenols	0.340	0.0416	"	0.831		40.9	29-103				
Acenaphthene	0.321	0.0416	"	0.831		38.7	30-121				
Acenaphthylene	0.350	0.0416	"	0.831		42.1	30-115				
Anthracene	0.332	0.0416	"	0.831		40.0	34-118				
Benzo(a)anthracene	0.335	0.0416	"	0.831		40.3	32-122				
Benzo(a)pyrene	0.323	0.0416	"	0.831		38.9	29-133				
Benzo(b)fluoranthene	0.329	0.0416	"	0.831		39.6	25-133				
Benzo(g,h,i)perylene	0.359	0.0416	"	0.831		43.2	10-143				
Benzo(k)fluoranthene	0.321	0.0416	"	0.831		38.7	25-128				
Chrysene	0.318	0.0416	"	0.831		38.2	32-123				
Dibenzo(a,h)anthracene	0.338	0.0416	"	0.831		40.6	10-136				
Dibenzofuran	0.338	0.0416	"	0.831		40.7	29-121				
Fluoranthene	0.305	0.0416	"	0.831		36.8	33-122				
Fluorene	0.342	0.0416	"	0.831		41.2	29-123				
Hexachlorobenzene	0.332	0.0416	"	0.831		40.0	21-124				
Indeno(1,2,3-cd)pyrene	0.405	0.0416	"	0.831		48.8	10-135				
Naphthalene	0.366	0.0416	"	0.831		44.1	23-124				
Pentachlorophenol	0.331	0.0416	"	0.831		39.8	10-139				
Phenanthrene	0.334	0.0416	"	0.831		40.2	33-123				
Phenol	0.386	0.0416	"	0.831		46.5	23-115				
Pyrene	0.356	0.0416	"	0.831		42.9	24-130				
Surrogate: SURR: 2-Fluorophenol	*0.759*		"	*1.66*		*45.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.695*		"	*1.66*		*41.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.360*		"	*0.831*		*43.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.319*		"	*0.831*		*38.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.948*		"	*1.66*		*57.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.348*		"	*0.831*		*41.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50768 - EPA 3510C/1312											
Blank (BG50768-BLK1)								Prepared & Analyzed: 07/11/2025			
2-Methylphenol	ND	5.00	ug/L								
3- & 4-Methylphenols	ND	5.00	"								
Phenol	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*22.7*		"	*50.0*		*45.5*	*12-64*				
Surrogate: SURR: Phenol-d6	*12.0*		"	*50.0*		*24.1*	*10-82*				
Surrogate: SURR: Nitrobenzene-d5	*17.0*		"	*25.0*		*68.2*	*12-96*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.7*		"	*25.0*		*66.9*	*16-84*				
Surrogate: SURR: 2,4,6-Tribromophenol	*42.3*		"	*50.0*		*84.5*	*15-104*				
Surrogate: SURR: Terphenyl-d14	*23.1*		"	*25.0*		*92.5*	*15-106*				
LCS (BG50768-BS1)								Prepared & Analyzed: 07/11/2025			
2-Methylphenol	9.40	5.00	ug/L	25.0		37.6	10-110				
3- & 4-Methylphenols	7.79	5.00	"	25.0		31.2	10-107				
Phenol	4.33	5.00	"	25.0		17.3	10-110				
Surrogate: SURR: 2-Fluorophenol	*14.2*		"	*50.0*		*28.4*	*12-64*				
Surrogate: SURR: Phenol-d6	*8.57*		"	*50.0*		*17.1*	*10-82*				
Surrogate: SURR: Nitrobenzene-d5	*10.8*		"	*25.0*		*43.3*	*12-96*				
Surrogate: SURR: 2-Fluorobiphenyl	*11.7*		"	*25.0*		*46.6*	*16-84*				
Surrogate: SURR: 2,4,6-Tribromophenol	*30.5*		"	*50.0*		*61.0*	*15-104*				
Surrogate: SURR: Terphenyl-d14	*15.6*		"	*25.0*		*62.2*	*15-106*				
LCS Dup (BG50768-BSD1)								Prepared & Analyzed: 07/11/2025			
2-Methylphenol	8.43	5.00	ug/L	25.0		33.7	10-110		10.9	20	
3- & 4-Methylphenols	6.77	5.00	"	25.0		27.1	10-107		14.0	20	
Phenol	3.73	5.00	"	25.0		14.9	10-110		14.9	20	
Surrogate: SURR: 2-Fluorophenol	*12.3*		"	*50.0*		*24.7*	*12-64*				
Surrogate: SURR: Phenol-d6	*7.33*		"	*50.0*		*14.7*	*10-82*				
Surrogate: SURR: Nitrobenzene-d5	*10.1*		"	*25.0*		*40.4*	*12-96*				
Surrogate: SURR: 2-Fluorobiphenyl	*10.3*		"	*25.0*		*41.1*	*16-84*				
Surrogate: SURR: 2,4,6-Tribromophenol	*26.3*		"	*50.0*		*52.6*	*15-104*				
Surrogate: SURR: Terphenyl-d14	*13.2*		"	*25.0*		*52.9*	*15-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50768 - EPA 3510C/1312											
Leach Fluid Blank (BG50768-LBK1)											Prepared & Analyzed: 07/11/2025
2-Methylphenol	ND	5.00	ug/L								
3- & 4-Methylphenols	ND	5.00	"								
Phenol	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*14.0*		"	*50.0*		*28.0*	*12-64*				
Surrogate: SURR: Phenol-d6	*7.63*		"	*50.0*		*15.3*	*10-82*				
Surrogate: SURR: Nitrobenzene-d5	*9.90*		"	*25.0*		*39.6*	*12-96*				
Surrogate: SURR: 2-Fluorobiphenyl	*10.4*		"	*25.0*		*41.8*	*16-84*				
Surrogate: SURR: 2,4,6-Tribromophenol	*26.5*		"	*50.0*		*53.1*	*15-104*				
Surrogate: SURR: Terphenyl-d14	*15.1*		"	*25.0*		*60.4*	*15-106*				
Batch BG50769 - EPA 3510C/1312											
Blank (BG50769-BLK1)											Prepared & Analyzed: 07/11/2025
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50769 - EPA 3510C/1312											
LCS (BG50769-BS2)									Prepared & Analyzed: 07/11/2025		
Acenaphthene	0.470	0.0500	ug/L	1.00		47.0	25-116				
Acenaphthylene	0.490	0.0500	"	1.00		49.0	26-116				
Anthracene	0.330	0.0500	"	1.00		33.0	25-123				
Benzo(a)anthracene	0.560	0.0500	"	1.00		56.0	33-125				
Benzo(a)pyrene	0.410	0.0500	"	1.00		41.0	32-132				
Benzo(b)fluoranthene	0.650	0.0500	"	1.00		65.0	22-137				
Benzo(g,h,i)perylene	0.640	0.0500	"	1.00		64.0	10-138				
Benzo(k)fluoranthene	0.590	0.0500	"	1.00		59.0	20-137				
Chrysene	0.540	0.0500	"	1.00		54.0	32-124				
Dibenzo(a,h)anthracene	0.630	0.0500	"	1.00		63.0	16-133				
Fluoranthene	0.540	0.0500	"	1.00		54.0	32-121				
Fluorene	0.500	0.0500	"	1.00		50.0	28-118				
Hexachlorobenzene	0.530	0.0200	"	1.00		53.0	23-124				
Indeno(1,2,3-cd)pyrene	0.590	0.0500	"	1.00		59.0	15-135				
Naphthalene	0.390	0.0500	"	1.00		39.0	18-120				
Pentachlorophenol	0.500	0.250	"	1.00		50.0	10-156				
Phenanthrene	0.490	0.0500	"	1.00		49.0	24-127				
Pyrene	0.510	0.0500	"	1.00		51.0	31-132				
Leach Fluid Blank (BG50769-LBK1)									Prepared & Analyzed: 07/11/2025		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Gas Chromatography/Flame Ionization Detector - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50852 - EPA 3550C											
Blank (BG50852-BLK1)											Prepared: 07/13/2025 Analyzed: 07/14/2025
Total Petroleum Hydrocarbons-DRO	ND	9.90	mg/kg wet								
Total Petroleum Hydrocarbons-DRO	ND	9.90	"								
Surrogate: Triacontane	*5.86*		*"*	*9.90*		*59.2*	*30-150*				
Surrogate: Triacontane	*5.86*		*"*	*9.90*		*59.2*	*30-150*				
LCS (BG50852-BS1)											Prepared: 07/13/2025 Analyzed: 07/14/2025
Total Petroleum Hydrocarbons-DRO	150	9.90	mg/kg wet	170		88.1	40-140				
Total Petroleum Hydrocarbons-DRO	150	9.90	"	170		88.1	40-140				
Surrogate: Triacontane	*6.52*		*"*	*9.90*		*65.8*	*30-150*				
Surrogate: Triacontane	*6.52*		*"*	*9.90*		*65.8*	*30-150*				

Leachate Preparations - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG50395 - EPA SW 846-1312 SPLP Extraction for BNA/Pest/Herb											
Blank (BG50395-BLK1)									Prepared: 07/07/2025 Analyzed: 07/08/2025		
SPLP Extraction	Completed	1.00	N/A								
Batch BG50396 - EPA SW 846-1312 ZHE for SPLP Volatiles											
Blank (BG50396-BLK1)									Prepared: 07/07/2025 Analyzed: 07/08/2025		
SPLP Extraction	Completed	1.00	N/A								
Batch BG50805 - EPA SW 846-1312 ZHE for SPLP Volatiles											
Blank (BG50805-BLK1)									Prepared: 07/11/2025 Analyzed: 07/12/2025		
SPLP Extraction	Completed	1.00	N/A								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
25G0311-01	SB-5e-25ft	40mL 01_Clear Vial Cool to 4° C
25G0311-01	SB-5e-25ft	4 oz. Glass Cool to 4° C
25G0311-02	SB-4e-25ft	40mL Vial with Stir Bar-Cool 4° C
25G0311-02	SB-4e-25ft	40mL 01_Clear Vial Cool to 4° C
25G0311-03	SB-3e-28ft	40mL Vial with Stir Bar-Cool 4° C
25G0311-03	SB-3e-28ft	40mL 01_Clear Vial Cool to 4° C
25G0311-04	SB-2e-28ft	40mL Vial with Stir Bar-Cool 4° C
25G0311-04	SB-2e-28ft	40mL 01_Clear Vial Cool to 4° C
25G0311-05	SB-1e-15ft	40mL 01_Clear Vial Cool to 4° C
25G0311-05	SB-1e-15ft	4 oz. Glass Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
EXT-Temp	Extraction temperture slightly exceeded acceptance range.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-COMP	Completed
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to update the batch and units for SPLP VOA.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document. This legal document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 2161 Whitesville Rd Toms River, NJ 08755 clientservices@yorklab.com 800-306-YORK

YORK Project Number: 25G0311

Page _____ of _____

Report To:	Invoice To:	YOUR Project Name / Number
Company: Tetra Tech	Company: Tetra Tech	39 Otsego St
Address:	Address:	PO Number
Phone.:	Phone.:	
Contact:	Contact:	
E-mail: aplatt@tetratech-ew.com	E-mail:	

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

MARK Auethuri

M. Auethuri

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil/solid/sludge
GW - groundwater
DW - drinking water
SW - surface water
WW - wastewater
O - Oil
Other

Samples Collected From

NY [X] CT [ ] Other: (please specify)
NJ [ ] PA [ ]

Preservative (please list number of containers)

Analyses Requested

Sample Identification	Date	Time	Matrix	Unpreserved	HCl (hydrochloric acid)	MeOH (methanol)	HNO_3 (nitric acid)	H_2SO_4 (sulfuric acid)	NaOH (sodium hydroxide)	$Na_2S_2O_3$ (sodium thio.)	Trizma	Ammonium Acetate	Other:	VOC's	SVOC's	TPH - DRO	TPH - ORO	SPLP VOC's	SPLP SVOC's	Grab or Comp.
SB-5 @ - 25' Ft	7/3	09:21	S											X	X	X	X	X	X	G
SB-4 @ - 25' Ft	7/3	11:20	S											X	X	X	X	X	X	G
SB-3 @ - 28' Ft	7/3	11:45	S											X	X	X	X	X	X	G
SB-2 @ - 28' Ft	7/3	13:10	S											X	X	X	X	X	X	G
SB-1 @ - 15' Ft	7/3	13:35	S											X	X	X	X	X	X	G

Turn-Around Time

RUSH - Next Day [ ]
RUSH - Two Day [ ]
RUSH - Three Day [ ]
RUSH - Four Day [ ]
RUSH - Five Day [ ]
Standard (6-9 Day) [X]
PFAS Standard 7-10 Day [ ]

Report Type (circle)

QA Report
Summary (Results Only)
NY ASP B Package
NJ Reduced
NJ DKQP
NJ Full
CT RCP

EDD Type (circle)

EQuIS (standard)
NYSDEC EQuIS
NJDEP SRP Haz Site
Standard Excel
CMDP
Other:

Regulatory Comparative

Compared to the following Regulation(s): (please fill in)

Field Filtered [ ]
Lab Filtered [ ]

Comments:

Samples iced/chilled at time of lab pickup? circle Yes or No

Lab Sample Receiving Checklist (to be completed by the receiving laboratory only) Circle Y / N

Custody Seals: Y / N Containers Intact: Y / N COC/Labels Agree: Y / N Preservation Confirmed: Y / N
COC Complete: Y / N COC Received: Y / N Appropriate Sample Volumes: Y / N Appropriate Sample Containers: Y / N
Cooler Temperature Confirmed: Y / N Samples Submitted within Holding Times: Y / N Corrective Action Form Required: Y / N

Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
M. Auethuri	7/3 15:46	[signature]	7/3/25 15:46	[signature]	7/3/25 21:30
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[signature]	7/3/25 21:30 3.7 Degrees C