60 ALEXANDER STREET
YONKERS, NEW YORK 10701
SITE #C360223

REMEDIAL INVESTIGATION REPORT

SUBMITTED TO:

New York State Department of Environmental Conservation
Division of Environmental Remediation
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ACRONYM	DEFINITION
µg/L	Micrograms per liter
µg/m^3	Microgram per cubic meter
AST	Aboveground Storage Tank
AWQS	Ambient Water Quality Standards
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
bgs	below ground surface
BTEX	Benzene, Ethylbenzene, Toluene, Xylene
CAMP	Community Air Monitoring Plan
COPC	Contaminants of Potential Concern
CVOC	Chlorinated Volatile Organic Compound
DCE	Cis-1,2-dichloroethene
Delta	Delta Geophysics, Inc.
DER	Division of Environmental Remediation
DER-10	Technical Guidance for Site Investigation and Remediation
DUSR	Data Usability Summary Report
ELAP	Environmental Laboratory Accreditation Program
EM	Electromagnetic
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
FDNY	City of New York Fire Department
FOIA	Freedom of Information Act
FWRIA	Fish and Wildlife Impact Analysis
GCI	General Consolidated Industries, Inc.
GPR	Ground Penetrating Radar
gsf	Gross Square Feet
GV	Guidance Value
HASP	Health & Safety Plan
HDPE	High-density Polyethylene
mg/kg	milligram per kilogram
MS/MSD	Matrix Spike / Matrix Spike Duplicate
NTU	Nephelometric Turbidity Units
NYCRR	New York Codes, Rules, and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OWS	Oil Water Separator
PAH	Polyaromatic Hydrocarbon
PBS	Petroleum Bulk Storage
PCB	Polychlorinated Biphenyl
PCE	Tetrachloroethene
PFAS	Perfluoroakyl and Polyfluoroakyl Substances
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctanesulfonic Acid

ACRONYM	DEFINITION
PID	Photo-ionization Detector
PPE	Personal Protective Equipment
ppm	parts per million
PVC	Polyvinyl Chloride
PWGC	P.W. Grosser Consulting Engineer & Hydrogeologist, D.P.C.
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance / Quality Control
QEP	Qualified Environmental Professional
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation Recovery Act
REC	Recognized Environmental Condition
RI	Remedial Investigation
RIR	Remedial Investigation Report
RIWP	Remedial Investigation Work Plan
SCO	Soil Cleanup Objective
SDG	Sample Delivery Group
sf	square-feet
SVOC	Semi-volatile Organic Compound
TCE	Trichloroethene
TOGS 1.1.1	Division of Water Technical and Operation Guidance Series (1.1.1)
UIC	Underground Injection Control
USCS	Unified Soil Classification System
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VC	Vinyl Chloride
VISL	Vapor Intrusion Screening Levels
VOC	Volatile Organic Compound

CERTIFICATION

I, Jennifer Lewis, PG, certify that I am currently a Qualified Environmental Professional (QEP) as defined in 6 New York Codes, Rules, and Regulations (NYCRR) Part 375 and that this Remedial Investigation Report (RIR) was prepared in accordance with applicable statutes and regulations and in substantial conformance with the New York State Department of Environmental Conservation's (NYSDEC's) Division of Environmental Remediation's (DER's) Technical Guidance for Site Investigation and Remediation (DER-10).

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

Signature _____ Date _____

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

The Applicant, 60 Alexander Street Development, LLC, was accepted into the New York State Department of Environmental Conservation's (NYSDEC's) Brownfield Cleanup Program (BCP) as a Volunteer as set forth in a Brownfield Cleanup Agreement (BCA), dated July 22, 2022, Site No. C360223 for the property located at 60 Alexander Street in Yonkers, New York (the "Site"). P.W. Grosser Consulting Engineer & Hydrogeologist, D.P.C. (PWGC) has prepared the following Remedial Investigation Report (RIR) on behalf of the Applicant to document the results of the Remedial Investigation (RI) based upon the March 2025 Remedial Investigation Work Plan (RIWP) approved by the NYSDEC on June 18, 2025. The purpose of the RI was to delineate the areal and vertical extent of contaminants in media at or emanating from the subject property, determine the surface and subsurface characteristics of the Site, identify the sources of contamination, the migration pathways, and actual or potential receptors of contaminants, and collect and evaluate data to assess impacts to public health and the environment, including fish and wildlife resource impacts at the Site.

2.0 SITE DESCRIPTION AND HISTORY

2.1. Site Description

The Site consists of one parcel located at 60 Alexander Street in the Getty Square neighborhood of Yonkers, New York. The Site is located in Westchester County and is identified on the Westchester County tax map as Section 2, Block 2608, Lot 14.18; however, this will be revised when the Westchester County Lot is acquired.

A Site Location Map is included as **Figure 1**. A Site Plan is included as **Figure 2**.

2.2. Site History

Initially, the Site was underwater until the Hudson shoreline was extended further west by imported fill. Once the fill was deposited, the Site was used for industrial/commercial use with a stone cutting facility from 1951 to as late as 1971. In the 1970s, the Site was used as a fuel depot/distribution facility (Westchester Hudson Fuel Company). Afterwards the Site was utilized by several taxi dispatchers, a school bus dispatcher, and a school bus and garage service company. Currently, the Site is unoccupied; its most recent usage was an exterior façade company as well as window storage. There is a Petroleum Bulk Storage (PBS) No. 3-600863 listed for the Site. The PBS registration is currently active for this Site for two active tanks, a 275-gallon aboveground storage tank (AST) containing #2 fuel oil and a 2,000-gallon underground storage tank (UST) containing diesel fuel.

2.3. Site Geology/Hydrogeology

The Site has an elevation of approximately 10-12 feet above National Geodetic Vertical Datum (NDVG). The stratigraphy of the Site, from the surface down, consists primarily of historical urban fill from grade ranging down to at least 15 feet below grade. Groundwater was encountered at approximately 10 feet below grade across the Site and regional groundwater flow is towards the west toward the Hudson River. Based on a recent geotechnical investigation, bedrock exists at approximately 70 feet below grade. There is a public water supply well approximately 0.5 mile to the southeast of the Site. This well appears to be located along Route 9, just south of Nepperhan Ave. Based on topographic maps, it appears the nearest permanent surface water body/wetland is the Hudson River.

2.4. Future Site Use

The Applicant proposes to demolish the existing structures at the proposed development Site and construct a new 30-story, approximately 397,000 square foot mixed-use building. The cellar level will occupy the entirety of the Site, excluding the DEF Easement Area (and required distances from the DEF piping), and will be utilized for retail, utility spaces, and storage totaling 15,813.5 square feet. The first floor will occupy approximately 2,875 square feet for retail space and residential amenity space on the western portion of the Site and 13,985.2 square feet on the eastern side of the Site for parking, including over the DEF Easement Area. The 2nd through 4th floors will be utilized for parking only, 16,870.9 square feet for each floor. The 5th through 29th floors will be utilized for residential space, 11,985.5 square feet for each floor. The 30th floor will be an 8,759.2 square foot residential recreational space. The DEF Easement area is illustrated on **Figure 2**.

2.5. Previous Environmental Reports

The Site's environmental history, summarized below, is based upon the following reports that have been prepared for the Site:

- A Phase I Environmental Site Assessment (ESA) prepared by PWGC in June of 2015.
- A Phase II Environmental Site Assessment prepared by PWGC for Sterling National Bank in September 2015.

Summaries of the reports are provided below and the actual reports are provided in the RIWP.

2.5.1. Phase I Environmental Site Assessment (June 2015)

PWGC prepared a Phase I ESA for the Site in June 2015. Conditions determined to be recognized environmental conditions (RECs) are detailed below:

- The Site had three NYSDEC Spill numbers.
- The Site has historically contained underground storage tanks (USTs).
- The Site contained chemical storage in several drums stored throughout the Site.
- The Site historically contained hydraulic lifts.
- The Site contained several interior and exterior floor drains, a sump, and an oil/water separator.
- The Site contained several manholes of unknown use, one of which contains a trench cur-out in the asphalt, and a circular cut-out in the asphalt was observed that is similar size as the manholes.
- Staining was observed on the asphalt in the parking lot, the concrete in the garages, and near the waste oil tanks.
- The Site's historic use as a fuel oil company.
- The Site was built on historic fill material.
- Sites in the general vicinity of the subject Site have been utilized as industrial purposes, including solvent mixing and a foundry.

2.5.2. Phase II Environmental Site Assessment (September 2015)

PWGC performed a Phase II ESA at the Site on July 22 and 23, 2015. The Phase II included:

- A geophysical survey.
- The installation of 10 soil borings.
- Screening soil for volatile organic compounds (VOCs) using a photoionization detector (PID).
- Collecting soil samples for laboratory analysis (seven of the borings which exhibited the highest PID responses were analyzed for VOCs 8260 (CP-51) and semi-volatile organic compounds (SVOCs) 8270 (CP-51) while three other borings were sampled for VOCs 8260, SVOCs 8270, Total Metals 6010, Pesticides by EPA Method 8081, and polychlorinated biphenyls (PCBs) by EPA Method 8082 to analyze the distribution of historical fill.
- Three temporary groundwater sampling points were installed at three boring locations which exhibited the greatest PID response.
- All three groundwater samples were analyzed for VOCs 8260 (CP-51) and SVOCs (CP-51).
- Underground Injection Control (UIC) Structure Inspection.
- A dye test to confirm the discharge of onsite floor drains.

The findings of this investigation included:

- The geophysical survey identified the following:
    - The presence of one metallic anomaly that may be consistent with a UST in the southeast section of the Site.

  - The manhole covers located in the eastern section of the parking lot are likely related to a large underground drainage structure as the geophysical survey identified a large concrete anomaly from the location of the Site easement to the south Site boundary. This drainage structure is likely operated / maintained by Westchester County.
  - The floor drains observed in the large garage were confirmed to drain to an oil/water separator (OWS). The exterior drain located between the large garage and small garage was determined to drain to a sump. The drainage locations of the sump and OWS could not be confirmed; however, based upon the Site configuration and the presence of sanitary sewer connections at the Site, these structures are likely connected to the municipal sewer system. Two floor drains, a roof drain, and the sewer main (storm) were inspected by J.D.M. Maintenance, Inc. It was reported that all drains ran through the storm main trap to the municipal storm water system.
- The subsurface investigation revealed the presence of historic fill from grade to at least 15 feet below grade. Analytical results indicated elevated concentrations of SVOCs, metals, and pesticides in two of the soil samples. Several SVOCs and metals exceeded Restricted Residential Use soil cleanup objectives (SCOs) and some exceeded Industrial Use SCOs.
- The subsurface investigation revealed evidence of groundwater contamination in the southwestern section of the Site. A source of the contamination had not been identified; however, based upon the likely groundwater flow direction at the Site towards the west and the Hudson River, an on-site source could not be ruled out. As a result of the groundwater contamination identified at the Site, PWGC called the NYSDEC Spills Hotline as required by law, to report the spill. Spill No. 15-04923 was opened.
- Soil borings placed in the vicinity of the former hydraulic lifts did not reveal evidence of hydraulic oil impact. The hydraulic lifts were reportedly removed around 1994 and no evidence of contamination was reported.

3.0 STANDARDS, CRITERIA, AND GUIDANCE (SCGS)

Based on previous investigations at the Site, the primary chemicals of potential concern (COPC) encountered at the Site are VOCs, SVOCs, and metals.

Applicable regulations at 6 NYCRR Part 375 provide SCOs for Unrestricted Use and Restricted Use based on the intended usage of the property. Restricted Use SCOs include: Residential, Restricted Residential (single family houses not permitted), Commercial, or Industrial. The future intended usage of the property is intended to be for multi-family residential purposes; therefore, soil sample results are compared to the Unrestricted Use SCOs, Restricted Residential Use SCOs, and, when applicable, the Protection of Groundwater SCOs. In addition, soil samples are also evaluated against the NYSDEC April 2023 Guidelines for Sampling and Analysis of Per- and Polyfluoroalkyl Substances (PFAS) under NYSDEC's Part 375 Remedial Programs.

Groundwater sample results are compared to the NYSDEC Class GA ambient water quality standards (AWQS) as specified in the Technical Operation and Guidance Series (TOGS 1.1.1) Ambient Water Quality Standards and Guidance Values. In addition, groundwater samples are also evaluated against the NYSDEC April 2023 Guidelines for Sampling and Analysis of PFAS Under NYSDEC's Part 375 Remedial Programs.

Soil vapor results are evaluated to determine the type and concentration of analytes present and the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 with updated air matrices dated 2017 and 2024, are referenced.

4.0 REMEDIAL INVESTIGATION

The primary objectives of the additional work detailed in this report were to delineate the areal and vertical extent of contaminations in all media at or emanating from the Site, determine the surface and subsurface characteristics of the Site, identify the sources of contamination, the migration pathways, and actual or potential receptors of contaminants, and collect and evaluate data to assess impacts to public health and the environment, including fish and wildlife resource impacts. The Scope of Work included the following tasks:

1) Geophysical Survey
2) Additional characterization of soils on the subject property
3) Additional characterization of groundwater on the subject property
4) Additional characterization of soil vapor on the subject property
5) Confirmation of groundwater flow direction beneath the subject property
6) Qualitative human health exposure evaluation

4.1. Geophysical Survey

To determine if subsurface anomalies are present at the subject property a geophysical survey was performed by Precision GPR of Mays Landing, NJ, prior to the start of the geotechnical soil borings in January 2025.

4.1.1. Electromagnetic Survey

The electromagnetic (EM) method uses the principle of EM induction to measure the variability of electrical conductivity of subsurface materials and the presence of buried metal objects. Significant contrasts in the electrical properties between non-indigenous materials and surrounding soil enable accurate delineation of buried waste materials, fill, and air spaces. The large EM response to metal makes this technique particularly well suited to identify buried objects such as USTs, metallic wastes, buried drums, pipelines, reinforced building foundations, or other metal components of buried structures. It is, however, equally sensitive to metal objects on the ground surface, and it is important to take careful field notes that indicate the position of surface metal to avoid misinterpretation.

4.1.2. Ground Penetrating Radar Survey

The ground penetrating radar (GPR) method is based upon the transmission of repetitive, radio-frequency EM pulses into the subsurface. When the transmitted energy of down-going wave contacts an interface of dissimilar electrical character, part of the energy is returned to the surface in the form of a reflected signal. This reflected signal is detected by a receiving transducer and is displayed on the screen of the GPR unit as well as being recorded on the internal hard drive.

The received GPR response remains constant as long as the electrical contrast between media is present and constant. Lateral or vertical changes in the electrical properties of the subsurface result in equivalent changes in the GPR responses. The system records a continuous image of the subsurface by plotting two-way travel time of the reflected EM pulse versus distance traveled along the ground surface. Two-way travel time values are then converted to depth using known soil velocity functions. Each radar profile is examined for characteristic GPR signatures that may indicate the presence of buried targets.

4.1.3. Survey Findings

The geophysical survey identified three anomalies:

- The former UST area located south of the building.
- A separate UST located south of the building, east of the former UST area. This UST is identified as inactive on the Westchester County PBS database.
- An area of a sewer easement / sewer piping for Westchester County Department of Environmental Facilities.

A Geophysical Survey Report is attached in **Appendix A**.

4.2. Soil Quality

Soil sampling was performed in accordance with DER-10 and with Section 3.1.1 of the NYSDEC approved RIWP.

To further characterize subsurface conditions at the subject property, 13 additional soil borings (SB011 through SB023) were installed throughout the property to supplement the previously installed borings during the Phase II ESA. Coastal Environmental Solutions, Inc of Holbrook, NY (Coastal) provided drilling services. PWGC and Coastal mobilized to the subject property on July 7, 2025 to install the additional borings. These soil borings were installed to focus on areas of potential concern and to provide general site-wide characterization. Soil boring locations are shown on **Figure 3**.

Soil borings were installed utilizing a Geoprobe® direct-push 7822DT drill rig. The drill rig was outfitted with a dual-core sampler and dedicated acetate liners. Non-dedicated sampling equipment was decontaminated in accordance with the procedures specified in Section 4.10 of the RIWP.

Soils were field screened for the presence of volatile organic vapors using a photo-ionization detector (PID) and classified in accordance with the Unified Soil Classification System (USCS). Soils at the Site generally consisted of soils mixed with brick, asphalt, and concrete ("fill") material from grade to approximately 16 feet bgs underlain by silty or clayey sands. Groundwater was generally encountered at approximately 10 feet below grade.

Elevated PID detections (greater than 50 parts per million [ppm]) were observed in one location. At SB021, a PID reading of 70 ppm was recorded at approximately 6 to 8 feet below grade.

Soil boring logs are included as **Appendix B**.

4.2.1. Sampling Protocol

Soil samples were collected from each soil boring in accordance with the RIWP. Soil samples were collected from the intervals detailed in the table below.

Boring Location	Depth in feet	Estimated Base Elevation in feet*	Estimated Elevation in feet
SB011	6 to 8 13 to 15	+10.5	+4.5 to +2.5 -2.5 to -4.5
SB012	2 to 4 13 to 15	+12.5	+10.5 to +8.5 -0.5 to -2.5
SB013	4 to 10	+13.0	+9.0 to +3.0

Boring Location	Depth in feet	Estimated Base Elevation in feet*	Estimated Elevation in feet
	13 to 15		0.0 to -2.0
SB014	2 to 4 13 to 15	+15.5	+13.5 to +11.5 +2.5 to +0.5
SB015	6 to 8 13 to 15	+13.0	+7.0 to +5.0 0.0 to -2.0
SB016	4 to 6 13 to 15 18 to 20	+11.5	+7.5 to +5.5 -1.5 to -3.5 -6.5 to -8.5
SB017	8 to 10 13 to 15 21 to 23	+13.0	+5.0 to +3.0 0.0 to -2.0 -8.0 to -10.0
SB018	2 to 4 4 to 10 13 to 15	+13.0	+11.0 to +9.0 +9.0 to +3.0 0.0 to -2.0
SB019	2 to 4 13 to 15	+11.0	+9.0 to +7.0 -2.0 to -4.0
SB020	0 to 2 13 to 15	+13.5	+13.5 to +11.5 +0.5 to -1.5
SB021	6 to 8 13 to 15 18 to 20	+10.5	+4.5 to +2.5 -2.5 to -4.5 -7.5 to -9.5
SB022	7 to 9 13 to 15	+13.0	+6.0 to +4.0 0.0 to -2.0
SB023	4 to 6 13 to 15	+13.0	+9.0 to +7.0 0.0 to -2.0

**Elevations rounded to nearest half foot. Based on May 28, 2025 survey from Meridian Layout Inc.*

At SB013 and SB018, due to low soil recovery issues while drilling, the 2-foot interval was increased until enough material could be obtained for laboratory analysis. At boring locations SB016, SB017, and SB021, additional deeper soil samples were collected based on proposed excavation depths for the new, proposed building; these samples were analyzed for the full suite of compounds. At borings SB012, SB015, SB019, SB020, and SB023, additional samples were analyzed at depths of 18 to 20 feet below grade due to exceedances of SVOCs or metals at the 13 to 15 foot samples; these samples were analyzed for SVOCs or metals only, depending on which compounds exceeded.

4.2.2. Sample Analysis

Samples collected during this RI were placed in pre-cleaned, pre-preserved, laboratory-supplied glassware and stored on ice in a cooler for transport to the laboratory. Samples were submitted to SGS Global of Dayton, NJ, a NYSDOH Environmental Laboratory Approval Program (ELAP) certified laboratory (ELAP ID: 10983).

Soil samples for supplemental characterization of the subject property were analyzed for the following:

- TCL VOCs by USEPA Method 8260, collected with terracore devices

- TCL SVOCs by USEPA Method 8270
- TCL Pesticides/Polychlorinated Biphenyls (PCBs) by USEPA Method 8081/8082
- Trivalent & Hexavalent Chromium by USEPA Method 7196
- Total Cyanide by USEPA Method 9012
- TAL Metals by USEPA Method 6010/7471
- PFAS by USEPA Method 1633 Modified (NYSDEC list of 40 compounds)
- 1,4-Dioxane by USEPA Method 8270-SIM

4.2.3. Analytical Results

Soil sample results were compared to the Unrestricted Use, Restricted Residential Use, and Protection of Groundwater (when applicable) SCOs specified in 6 NYCRR Part 375, Environmental Remediation Programs (December 2006) and the Unrestricted Use and Restricted Residential Use guidance values specified in Guidelines for Sampling and Analysis of PFAS under NYSDEC's Part 375 Remedial Programs, April 2023. Soil analytical data is summarized on **Tables 1** through **5** and laboratory reports are included as **Appendix C**. Soil analytical data from the RI are included on the spider diagram as **Figure 4**.

A total of 30 soil samples were collected for VOC analysis. VOCs were detected at concentrations greater than their respective Unrestricted Use SCOs, excluding acetone which is a common laboratory contaminant, in two of the soil samples analyzed: SB021 at 6 to 8 feet bgs and SB023 at 4 to 6 feet bgs. These compounds included:

Compound	Maximum Detected Value (mg/kg)
Benzene	1.03
Cis-1,2-dichloroethene (DCE)	1.33
Ethylbenzene	1.23
Methylene Chloride	0.695
Tetrachloroethene (PCE)	18.9
Toluene	2.04
Trichloroethene (TCE)	14.8
Total Xylenes	4.02

Of these compounds, there were no exceedances of Restricted Residential Use SCOs; however, based on exceedances of groundwater standards for benzene, isopropylbenzene, n-butylbenzene, and PCE, as discussed in Section 4.3.4, these compounds were also compared to the Protection of Groundwater SCOs. Benzene exceeded its Protection of Groundwater SCO in both samples and PCE exceeded it in SB023. Both of these locations have deeper samples analyzed at 13 to 15 feet which contained no exceedances of VOCs, except for the aforementioned acetone. There were no exceedances for n-butylbenzene and isopropylbenzene does not have a Protection of Groundwater SCO; alternatively, there were no exceedances of isopropylbenzene's Unrestricted Use SCO.

A total of 33 soil samples were collected for SVOC analysis. SVOCs were detected at concentrations greater than Unrestricted Use SCOs in twelve of the soil samples analyzed; ten of these samples also contained exceedances of Restricted Residential Use SCOs. The compounds detected primarily consisted of polyaromatic hydrocarbons (PAHs). These compounds included:

Compound	Maximum Detected Value (mg/kg)
3-Methylphenol/4-Methylphenol	4.37
Benzo(a)anthracene	3.15
Benzo(a)pyrene	3.42
Benzo(b)fluoranthene	3.79
Benzo(k)fluoranthene	1.36
Chrysene	3.43
Dibenzo(a,h)anthracene	0.479
Indeno(1,2,3-cd)pyrene	1.67

The depths of the samples containing exceedances of Restricted Residential Use SCOs varied throughout the Site and in some borings, extended at least to the maximum depth of the samples analyzed (20 feet bgs). Based on the presence of historic fill material to depths of at least 16 feet, as noted in the soil boring logs, these analytical results appear to be consistent with historical fill material. Petroleum staining, odors, or PID readings consistent with a petroleum release did not indicate a petroleum release at these sampling locations.

A total of 35 soil samples were collected for metals analysis. Metals were detected at concentrations greater than Unrestricted Use SCOs in 25 of the soil samples analyzed; thirteen of these samples exceeded Restricted Residential Use SCOs. These compounds included:

Compound	Maximum Detected Value (mg/kg)
Arsenic, Total	40
Barium, Total	421
Cadmium, Total	7
Chromium, Total	207
Copper, Total	15,000
Lead, Total	1,950
Manganese, Total	1,730
Mercury, Toal	14
Nickel, Total	61
Selenium, Total	28
Silver, Total	12
Zinc, Total	2,750

Of these compounds, arsenic, barium, cadmium, chromium, copper, lead, and mercury exceeded Restricted Residential Use SCOs. The maximum total chromium concentration was identified in SB023 at 4 to 6 feet bgs. Hexavalent chromium was not detected in this sample; therefore, the chromium detected is trivalent chromium. No other sample contained an Unrestricted Use SCO exceedance of chromium. Similar to the SVOCs, the depths of the samples containing exceedances of Restricted Residential Use SCOs varied throughout the Site and in some borings, extended to 20 feet bgs.

A total of 30 soil samples were collected for pesticides and PCBs analysis. Arochlor-1260 was detected at concentrations greater than its Unrestricted Use SCOs in two soil samples; however, concentrations were less than Restricted Residential Use SCOs. Two pesticides, 4,4'-DDD and 4,4'-DDT, were detected at concentrations greater than their respective Unrestricted Use SCOs. The compound 4,4'-DDD was detected in three samples and 4,4'-DDT was detected in one sample at concentrations exceeding Unrestricted Use SCOs; there were no exceedances of Restricted Residential Use SCOs.

A total of 30 soil samples were collected for PFAS analysis. Multiple PFAS compounds were detected in soil at the subject property. Concentrations detected were generally low and/or "J" qualified estimated values. PFOA was identified in three samples (maximum concentration of 0.0032 mg/kg) which exceeded Unrestricted Use guidance values and PFOS was identified in nine samples (maximum concentration of 0.0258 mg/kg) that exceeded Unrestricted Use guidance values; there were no exceedances of Restricted Residential guidance values.

4.3. Groundwater Quality

Groundwater sampling was performed in accordance with DER-10 and with Section 3.1.2 of the NYSDEC approved RIWP. These groundwater monitoring wells were installed to evaluate groundwater conditions on-site and the condition of groundwater migrating off-site and on-site.

To further characterize subsurface conditions at the subject property, seven of the proposed soil borings were converted into groundwater monitoring wells as shown on **Figure 5**. Additionally, the previously installed MW001 and MW002 wells were determined to no longer be viable; therefore, these wells were reinstalled. The groundwater monitoring well was installed utilizing a Geoprobe® direct-push 7822DT drill rig. Non-dedicated sampling equipment was decontaminated in accordance with the procedures specified in Section 4.10 of the RIWP.

4.3.1. Groundwater Monitoring Well Installation and Development

The monitoring wells were constructed of 2-inch diameter, schedule 40 polyvinyl chloride (PVC) casing and screen with 0.020-inch slot. The groundwater monitoring wells were screened across the water table with a 10 feet of screen and solid riser to grade. A gravel pack of No. 2 Morie sand was placed in the annulus around the screen with a 2-foot bentonite seal placed 2 feet above the top of the screened zone. Above the bentonite seal, the annulus around the groundwater monitoring well was filled with #2 sand and/or non-impacted drill cuttings. The groundwater monitoring wells were finished as pop-up wells. The groundwater monitoring well construction logs are included in **Appendix B**.

Following installation, the groundwater monitoring wells were over-pumped to restore the hydraulic properties of the aquifer. Groundwater monitoring well development continued until the turbidity of the groundwater was less than or equal to 50 Nephelometric Turbidity Units (NTUs) or when pH, temperature, and conductivity measurements stabilized. Groundwater monitoring well development water was containerized in a 55-gallon drum for disposal.

The groundwater monitoring well development log is included as **Appendix D**.

4.3.2. Groundwater Monitoring

Following groundwater monitoring well installation and development, PWGC collected well monitoring field data as shown on **Table 6**. Light non-aqueous phase liquid (LNAPL) was not detected in any of the monitoring wells on-site.

4.3.3. Sampling Protocol

Groundwater samples were collected from each of the groundwater monitoring wells. Samples were collected using a peri-pump fitted with disposable high-density polyethylene (HDPE) tubing. Samples were collected in accordance with USEPA's Low Stress (Low Flow) Purging and Sampling Procedure for The Collection of Groundwater Samples from Monitoring Wells (September 2017). A Horiba U-52 multi-parameter water quality meter outfitted with a flow through cell was utilized to monitor field parameters (turbidity, pH, temperature, and conductivity). Upon stabilization of field parameters (three consecutive readings within allowable tolerances), groundwater samples were collected. Non-disposable sampling equipment was decontaminated in accordance with the procedures specified in Section 4.10 of the approved RIWP. Groundwater Monitoring Well Sampling Logs are included as **Appendix E**.

4.3.4. Sample Analysis

Samples collected during the RI were placed in pre-cleaned, pre-preserved, laboratory supplied glassware and stored on ice in a cooler for transport to the laboratory. Samples were submitted to SGS. Each groundwater sample was analyzed for the following:

- TCL VOCs by USEPA Method 8260
- TCL SVOCs by USEPA Method 8270
- TCL Pesticides/PCBs by USEPA Method 8081/8082
- TAL Metals by USEPA Method 6010/7471 (totals only)
- PFAS by USEPA Method 537 Modified
- 1,4-Dioxane by USEPA Method 8270-SIM

4.3.5. Analytical Results

Groundwater sample results were compared to the Class GA AWQS specified in TOGS 1.1.1 and the guidance values (GVs) specified in Guidelines for Sampling and Analysis of PFAS under NYSDEC's Part 375 Remedial Programs, April 2023. Groundwater analytical data is summarized in **Tables 7** through **11**; laboratory reports are included as **Appendix C**. A groundwater spider diagram is included as **Figure 6**.

VOCs were detected at concentrations exceeding their respective AWQSs in four groundwater samples collected. Benzene exceeded in MW005, Isopropylbenzene exceeded in MW001, MW005, and MW008, n-propylbenzene exceeded in MW005 and MW008, and PCE exceeded in MW003.

Compound	Maximum Detected Value (µg/L)
Benzene	6.1
Isopropylbenzene	20.6
n-Propylbenzene	24.8
Tetrachloroethene (PCE)	7.7

Benzene was also detected in MW001 and MW008; however, it did not exceed its AWQS. Ethylbenzene was non-detect in each of the samples. Toluene was non-detect in each of the samples except for an estimated concentration of 0.61 µg/L in MW005. Xylenes were detected in MW001 and MW005 at concentrations less than their AWQS. PCE was also detected in MW008; however, it did not exceed its AWQS. TCE and DCE were non-detect in each of the samples except for an estimated TCE concentration of 0.86 µg/L and a DCE concentration of 1.3 µg/L in MW003 which is less than its AWQS. Vinyl chloride was non-detect in each of the groundwater samples.

There were *de minimus* SVOC exceedances of AWQSs in MW001, MW002, MW004, MW005, MW008, and MW009. The compounds that exceeded were benzo(a)anthracene (max concentration 0.125 µg/L), benzo(b)fluoranthene (max estimated concentration 0.0297 µg/L), and chrysene (max estimated concentration 0.0771 µg/L). These compounds each have an AWQS of 0.002 µg/L. Based on the ubiquitous nature of these compounds in the groundwater results, they appear to be related to a regional issue and are not indicative of a source at the Site.

Due to an order issue with the laboratory, bottleware was not provided to collect both the total and dissolved groundwater samples; therefore, only the total metals groundwater samples were collected. Several metals were detected at concentrations greater than AWQSs or GVs in each total groundwater sample, specifically iron, manganese, and sodium in nearly each sample. Additionally, selenium was detected in one sample (MW003) at 10.2 µg/L which slightly exceeded its AWQS of 10 µg/L.

Pesticides were not detected at a concentration greater than their respective AWQSs. PCBs were not detected at a concentration greater than their respective MDLs.

The compound 1,4-Dioxane exceeded its AWQS in MW004 and MW008 with its maximum concentration of 1.67 µg/L. Perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) exceeded their respective AWQSs in each groundwater sample collected. The maximum PFOA concentration was 0.0341 µg/L and the maximum PFOS concentration was 0.222 µg/L. The prevalence of PFAS in the groundwater indicates that it is likely the result of a regional issue and is not indicative of a source at the Site.

4.4. Soil Vapor Characterization

To determine whether soil vapor intrusion may be a potential concern for the proposed redevelopment of the Site, a total of three soil vapor sampling points (SV001 through SV003) and three sub-slab vapor points (SSSV001 through SSSV003) were installed to determine whether soil vapor intrusion may be a potential concern for the proposed redevelopment of the subject property. In addition, two indoor air samples (IA001 and IA002) and one outdoor air sample were collected. Soil vapor sampling points are illustrated in **Figure 8**.

4.4.1. Sample Point Installation

Temporary soil vapor points were installed utilizing a Geoprobe® 7822DT direct-push drill rig for SV001 through SV003 to a depth of 6 feet. At each location, a six-inch stainless-steel screen was installed at the base of the sampling point with polyethylene tubing to grade. Coarse sand was placed surrounding the screen and six inches above. The remainder of the soil vapor point annulus was sealed with bentonite grout to the surface.

Soil vapor samples within the existing building footprints (SSSV001 through SSSV003) were installed as sub-slab soil vapor samples. They were installed with a hammer drill to a depth of approximately 2 inches below the concrete slab. A length of inert tubing was placed into the borehole to grade. The sampling point was sealed above.

Indoor air sample IA001 was co-located with SSSV001 and IA002 was co-located with SSSV003. The indoor air samples and outdoor air sample were collected at a height of 3 to 5 feet above the floor to proximate the breathing zone.

4.4.2. Sampling Protocol

Soil vapor samples were installed on July 8, 2025 and the initial sample collection was attempted the following day; however, the regulators were defective on several of the canisters. The samples were recollected on July 30, 2025. A tracer gas (helium) was utilized to test the seal around the soil vapor points. Once the integrity of the seal was confirmed at each location, three volumes of air were extracted from each point prior to sample collection with a flow rate of less than 0.2 liters/minute. Methodologies used for soil vapor assessment conformed to the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006.

4.4.3. Sample Analysis

Soil vapor samples were collected using batch certified 6.0-liter SUMMA vacuum canisters fitted with eight-hour flow control regulators with a flow rate of less than 0.2 liters/minute. Samples were submitted to SGS. Each soil vapor sample was analyzed for VOCs by USEPA Method TO-15.

4.4.4. Analytical Results

Soil vapor sample results are presented as data summaries as NYSDOH has not established standards or guidance values.

PCE was detected in each of the samples collected. The maximum soil vapor concentration was 258 µg/m^3 at SV003 located in the southeastern section of the Site. The maximum sub-slab vapor concentration was 36,800 µg/m^3 at SSSV003 located in the northeastern section of the Site. The next highest sub-slab vapor concentration was 559 µg/m^3. The indoor air sample co-located with SSSV003 had a PCE concentration of 0.81 µg/m^3.

TCE was detected in one of the soil vapor samples and each of the sub-slab vapor samples; it was non-detect in the indoor air samples. The maximum soil vapor concentration was 8.6 µg/m^3 at SV003. The maximum sub-slab vapor concentration was 1,690 µg/m^3 at SSSV003.

DCE was only detected in SSSV003 at a concentration of 105 µg/m^3. The compound 1,1,1-trichloroethane was only detected in SV003 at 1.5 µg/m^3. Vinyl chloride (VC) and 1,1-dichloroethene were non-detect.

Benzene was not detected in the soil vapor samples. Low level concentrations were detected in the sub-slab vapor and indoor air samples; however, they were at concentrations less than the outdoor air sample of 1.2 µg/m^3. Ethylbenzene was not detected in the soil vapor samples. Low level concentrations were detected in the sub-slab and indoor air samples; however, they were at

concentrations similar to the outdoor air estimated concentration of 0.48 µg/m^3. Toluene was detected in two of the soil vapor samples (max estimated concentration of 8 µg/m^3) and in several of the sub-slab and indoor air samples, but at concentrations less than the outdoor air sample of 3.2 µg/m^3. The xylenes were non-detect in the soil vapor samples. With the exception of SSSV003, the sub-slab and indoor air concentrations were similar to the outdoor air concentrations. SSSV003's o-xylene estimated concentration was 39 µg/m^3 and the p/m-xylene concentration was 57.8 µg/m^3.

Isooctane, also known as 2,2,4-trimethylpentane, was detected in soil vapor sample SV001, near the western portion of the Site, at 4,470 µg/m^3. It was non-detect in the remaining soil vapor samples and sub-slab vapor samples. There was one indoor air detection; however, it was less than the outdoor air concentration of 1.1 µg/m^3. Cyclohexane was detected in SV001 at 156 µg/m^3, was not detected in the sub-slab vapor samples, and was detected at estimated concentrations in the two indoor air samples; however, these detections were less than the outdoor air concentration of 1.1 µg/m^3. The maximum hexane detection in soil vapor was 31 µg/m^3; the sub-slab vapor and indoor air detections were less than the outdoor air concentration of 2.2 µg/m^3. Heptane was detected in the two indoor air samples only, but at concentrations less than the outdoor air concentration of 0.74 µg/m^3. The compounds 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene were non-detect in each of the samples.

Soil vapor and ambient air analytical data are summarized in **Table 12** and laboratory reports are included as **Appendix C**. A spider diagram of soil vapor data is included as **Figure 9**.

4.5. Discussion of Results

The Site appears to contain elevated concentrations of SVOCs and metals throughout the majority of the Site within the historic fill material layer which has been observed to a depth of approximately 16 feet bgs.

In the northeastern section of the Site, PCE and TCE have been observed in soil, groundwater, and/or sub-slab soil vapor at elevated concentrations exceeding applicable standards/guidelines and at elevated concentrations indicating the potential for soil vapor intrusion.

In the western section of the Site, downgradient of the former UST area, petroleum compounds were identified in soil and soil vapor at concentrations exceeding applicable standards and/or at elevated concentrations indicating the potential for soil vapor intrusion.

Based on the PCE and TCE concentrations observed in SSSV003, soil vapor intrusion mitigation is warranted. Although not detected in a sub-slab vapor sample, the soil vapor concentration of isooctane indicates the potential for soil vapor intrusion mitigation.

4.6. Community Air Monitoring and Reporting

Community air monitoring was performed daily for the Site during soil disturbance events. This included monitoring the Site perimeter for dust and volatile organic vapors. The exclusion zone action level of 150 µg/m^3 greater than background for dust and 5 ppm for volatile organic vapors in the breathing zone were enforced during work.

Two perimeter air monitoring stations (upwind and downwind) were setup to continuously monitor air quality. The stations were equipped with a dust meter and organic vapor meter. The meters were programmed to output results based on a 15-minute real-time average. Field data sheets for the community air monitoring are included within the daily field reports and were submitted to the NYSDEC.

Daily reports with photographic logs were completed at the end of each day by the field staff in charge for that day and reviewed by the PWGC project manager. There were no exceedances of dust or VOCs migrating off-site at the Site boundaries. Copies of the daily field reports inclusive of air monitoring results are included in **Appendix F**.

4.7. Investigation Derived Waste

Investigation derived waste has been containerized and disposed of off-site. The disposal manifest is included as **Appendix G**.

5.0 QUALITY ASSURANCE / QUALITY CONTROL

The overall quality assurance quality control (QA/QC) objective for the field investigation was to develop and implement procedures that provide data of known and documented quality. QA/QC characteristics for data include precision, accuracy, representativeness, completeness, and comparability. The purpose of the QA/QC activities developed for this subject property were to verify the integrity of the work performed and data collected is of the appropriate type and quality for the intended use.

5.1. QA/QC Samples

To assess the adequacy of the sample collection and decontamination procedures performed in the field, QA/QC samples were collected and analyzed throughout the field sampling program. In general, QA/QC samples confirmed that the procedures performed in the field were consistent and acceptable. QA/QC samples included trip blanks, field blanks, blind duplicates, matrix spike (MS), and matrix spike duplicates (MSD). Types and frequencies of field QA/QC samples are listed below.

Type	Frequency
Trip Blank	One per day (when VOC samples collected)
Equipment Blank	One per 20 samples per matrix
Blind Duplicate	One per 20 samples per matrix
MS/MSD	One per 20 samples per matrix

During the RI, three trip blanks, one equipment blank, and three blind duplicates were prepared and submitted for analysis in accordance with the project Quality Assurance Project Plan (QAPP).

The results of the QA/QC sampling indicates that sample collection procedures and/or ambient conditions are unlikely to have significantly impacted environmental samples collected from the subject property during implementation of the RI.

5.2. Data Usability and Validation

In accordance with the approved RIWP, independent third-party data validation was performed by Laboratory Data Consultants, Inc., of Carlsbad, California. Full data validation was performed on 5% of the data generated or one sample per Sample Delivery Group (SDG), whichever was greater. Remaining data received a summary validation as detailed in the Data Usability Summary Report (DUSR). A copy of the data validation is included as **Appendix H**.

All results are usable as reported or usable with minor qualification due to sample matrix or laboratory quality control outliers with the exceptions listed below.

Initial and Continuing Calibrations

VOC

Continuing Calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Sample	Validation Action
7/14/25	CCV-GCMSY	Chloromethane Trichlorofluoromethane Methyl acetate	65 27.9 23.3	SB018(4'-10')	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)

All of the continuing calibration relative response factors (RRF) were within validation criteria.

SVOC
Continuing calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Sample	Validation Action
7/12/25	CCV-GCMSCT	Hexachlorethane 2-Nitrophenol Hexachlorobutadiene 2,6-Dinitrotoluene 2,4-Dinitrophenol 2,4-Dinitrotoluene 4,6-Dintiro-2-methylphenol Hexachlorobenzene Pentachlorophenol	24.4 29.9 28.9 29.5 40.1 28.1 32.7 24.0 23.1	SB018(4'-10')	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)

All of the continuing calibration relative response factors (RRF) were within validation criteria.

Pesticide
Continuing calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes with the following exceptions:

Date	Standard ID	Column	Analyte	%D	Associated Sample	Validation Action
7/22/25	RK30012.d	CLP1	Delta-BHC Eldrin	20.4 66.7	SB018(4'-10')	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)

MS/MSD Results

VOC

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Analyte	MS %R	MSD %R	Limits	Validation Action
SB018 (4'-10')MS/MSD (SB018 (4'-10'))	Chloromethane	-	155	49-145	None
SB018 (4'-10')MS/MSD (SB018 (4'-10'))	Cis-1,3-Dichloropropene	43	45	64-126	UJ (all non-detects)
	Trans-1,3-Dichloropropene	37	36	61-127	UJ (all non-detects)
	1,1,2,2-Tetrachloroethane	41	-	44-135	UJ (all non-detects)
	1,2,3-Trichlorobenzene	9	8	10-153	UJ (all non-detects)

No data were qualified due to high %Rs when the associated results were non-detected.

Relative percent differences (RPD) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Analyte	RPD(<20)	Validation Action
SB018 (4'-10')MS/MSD (SB018 (4'-10'))	1,1,2,2-Tetrachloroethane	24	None

No data were qualified due to high RPDs when the associated results were non-detected.

SVOC

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Analyte	MS %R	MSD %R	Limits	Validation Action
SB018 (4'-10')MS/MSD (SB018 (4'-10'))	Caprolactam	0	0	10-150	UJ (all non-detects)

Although the percent recoveries were severely low for benzyl chloride, using professional judgment the associated sample results were qualified as nondetects (UJ) due to the presence of matrix interference.

Relative percent differences (RPD) were within QC limits.

PFAS

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Analyte	MS %R	MSD %R	Limits	Validation Action
SB018 (4'-10')MS/MSD (SB018 (4'-10'))	5:3 Fluorotelomer carboxylate	138	133	60-130	None
	7:3 Fluorotelomer carboxylate	154	-	60-150	

No data were qualified due to high %Rs when the associated results were non-detected. For SB018 (4'-l0')MS/MSD, no data were qualified for perfluorooctanesulfonic acid percent recoveries (%R) outside the QC limits since the parent sample results were greater than 4X the spike concentration.

Relative percent differences (RPD) were within QC limits.

LCS Results

VOC

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits with the following exceptions:

LCS ID (Associated Samples)	Analyte	%R	Limits	Validation Action
VY9315 (SB018 (4'-10'))	Chloromethane	167	57-141	None

No data were qualified due to high %Rs when the associated results were non-detected.

Sample Quantitation and Target Analyte Identification

Calculations were spot-checked; no discrepancies were noted.

Pesticide

The sample results for detected analytes from the two columns were within 40% relative percent difference (RPD) with the following exceptions:

Sample	Analyte	RPD	Validation Action
(SB018 (4’-10’))	Dieldrin	88.4	J (all detects)
	4,4’-DDT	58.5	J (all detects)

6.0 CONCEPTUAL TRANSPORT MODEL

Based upon the findings of this RI, a conceptual model detailing the transport of contaminants has been developed. Soils beneath the subject property appear to contain residual petroleum related contamination and are additionally impacted with SVOCs, metals, pesticides, PCBs, and PFAS within the first 20 feet bgs. Groundwater with concentrations of VOCs, metals, and PFAS greater than AWQS or GVs is present and may be as a result of migration of contaminants from on-site soils and/or from off-site sources.

6.1. Surface Water

There is no surface water on the subject property. The nearest surface water body is the Hudson River, located approximately 450 feet west of the subject property. Based upon the distance, it does not appear that contaminants on the subject property have impacted the surface water body.

6.2. Fish and Wildlife Resources

PWGC evaluated potential impact to fish and wildlife resources in accordance with DER-10 Section 3.10, a Fish and Wildlife Resources Impact Analysis (FWRIA), and DER-10 Appendix 3C, FWRIA Decision Key. A summary of the FWRIA is detailed below; a copy of the Decision Key is included in **Appendix I**.

Section 1: Is the site or area of concern a discharge or spill event? **Yes**. *For a "Yes" response, proceed to Section 13.*

Section 13: Does the contamination at the site or area of concern have the potential to migrate to, erode into or otherwise impact any on-site or off-site habitat of endangered, threatened or special concern species or other fish and wildlife resource? **No**. *For a "No" response, proceed to Section 14.*

Section 14: No Fish and Wildlife Resources Impact Analysis needed.

7.0 QUALITATIVE HUMAN EXPOSURE ASSESSMENT

The overall purpose of the Qualitative Human Exposure Assessment is to evaluate and document how people might be exposed to contaminants on the Site and to identify and characterize the potentially exposed population(s) now and under reasonably anticipated future use of the Site. To evaluate if an exposure pathway exists, the exposure assessment should assess the quality, representativeness, and adequacy of the available data. In addition, the qualitative exposure assessment should consider the nature of populations currently exposed or that have the potential to be exposed to Site contaminants both on the Site and off the Site and describe the reasonably anticipated future land use of the Site and affected off Site areas.

7.1. Contaminant Source

The Site is located at 60 Alexander Street in Yonkers, NY. The land for the Site was under water on the 1886 Sanborn map. By the 1898 Sanborn map, fill material appeared to have been brought in to extend the land into the Hudson River. The property appears to have been first developed between 1942 and 1951. In 1951, the Site use is identified as stone cutting and a contractor's office and storage up until at least 1976. By 1978, the Site was utilized by several taxi dispatchers and by a school bus depot. By 2006, an extension was added onto the existing building which is consistent with the presently named "large garage."

Investigations at the Site have identified the concentrations of VOCs, SVOCs, metals, pesticides, PCBs, and PFAS exceeding Unrestricted Use and/or Restricted Residential Use SCOs scattered throughout the Site. The highest concentrations of VOCs were detected in the northeastern portion of the Site beneath the "large garage."

These elevated concentrations of contaminants were identified within the fill layer and also appear to be related to historical usage of the Site.

7.1.1. Contaminant Release and Transport

Elevated levels of VOCs, SVOCs, metals, pesticides, PCBs, and PFAS are present in subsurface soils at the Site. The highest concentrations of VOCs were observed on the northeastern portion of the Site. Significant groundwater impact has not been observed leaving the Site. Transport mechanisms for identified impact include soil transportation as dust or suspended in storm runoff and migration of groundwater or soil vapor downgradient. As the Site is currently capped with pavement or concrete, impacted shallow soils at the Site are contained. There are currently no excavations on the Site that would allow exposure to soil or groundwater.

VOCs in soil vapor appear to be emanating from subsurface soil contamination although additional off-site sources cannot be ruled out due to the industrial nature of nearby properties. Elevated concentrations were observed near the northeastern portion of the Site.

7.2. Points and Routes of Exposure

Possible exposure pathways are by ingestion of impacted soil, inhalation of dust or vapors from impacted soils, or dermal exposure to impacted soil by a person on the Site. Currently, exposures are mitigated by the presence of concrete slabs and an asphalt parking lot across the Site. During remediation, potential exposures would be limited to periods when ground intrusive work is being performed. Exposures to impacted soils will be mitigated during remediation through the presence

of a locked perimeter fence, use of personal protective equipment (PPE) for onsite workers, and implementation of a Community Air Monitoring Plan (CAMP) to protect the downwind community. As the goal for remediation at the subject property is to achieve a Track 1 cleanup, with a contingency for a Track 2 cleanup (i.e., removal of soils exceeding Restricted Residential Use SCOs), it is not expected that exposure pathways will exist post-remediation.

Groundwater at the Site is impacted with VOCs, metals, and PFAS. Regional groundwater beneath the Site flows towards the west. Groundwater in the vicinity of the Site is not used as a potable water source. Excavation for remediation or construction is anticipated to extend into the groundwater table; as such, possible exposure pathways (ingestion, inhalation, or dermal exposure) are anticipated. Exposures to impacted groundwater will be mitigated during remediation through the presence of a locked perimeter fence and use of a support of excavation system constructed of secant piles or sheet piling to reduce groundwater infiltration into the excavation and a dewatering system to lower the groundwater table during deeper excavation. Identified groundwater impact appears likely to be related to a regional issue and may also be related to historical usage of the Site.

7.3. Characterization of Potential Receptor Populations

The Site is currently unoccupied and the building is secured with locked doors and/or gates which limits human receptors to occasional Site visitors and workers involved in redevelopment activities. During remediation and Site development, human receptors will be limited to construction workers and related personnel. Potential off-site receptors include workers and residents in surrounding commercial and residential properties.

7.4. Qualitative Human Health Exposure Assessment Summary Table

The following table provides a summary of the routes of exposure.

Environmental Media & Exposure Route	Human Assessment
Direct contact with surface soils	• Public access is restricted by fencing. • The source area soils will be removed during remediation. • Direct contact to surface soils may occur during ground intrusive work at the Site. Such contact will be managed during remediation by implementing a HASP and CAMP.
Direct contact with subsurface soils	• Direct contact to subsurface soils may occur during ground intrusive work at the Site. Such contact will be managed during remediation by implementing a HASP and CAMP.
Direct contact with groundwater	• Direct contact to groundwater is unlikely to occur during ground intrusive work at the Site as dewatering will be conducted during construction; however, in the event that direct contact with the groundwater is possible, such contact will be managed during remediation by implementing a HASP and CAMP.
Ingestion of groundwater	• Groundwater is not utilized for drinking water. Drinking water is supplied by the municipal water supply. • There are no known private domestic water supply wells in the area and the nearest public water supply well is located approximately 0.5 miles south-southeast of the Site.

Environmental Media & Exposure Route	Human Assessment
Inhalation of air	• The source area soils and grossly contaminated media will be removed during remediation. • Workers can come into contact if they complete ground intrusive work at the subject property. Such contact will be managed during remediation by implementing a HASP and CAMP.

8.0 GREEN AND SUSTAINABLE REMEDIATION

The RI was conducted with consideration for green / sustainable techniques, in accordance with NYSDEC DER-31 Green Remediation. Techniques used included, but were not limited to, the following:

- When available, utilized local staff near the Site to reduce emissions from vehicular traffic.
- Reduced vehicle idling while on-site.
- Use of reusable equipment in lieu of disposal equipment to reduce waste, when feasible.
- Mobilized drilling equipment once and left it on-site during the duration of the drilling activities.

PWGC completed an environmental footprint analysis utilizing SEFA to analyze the environmental footprint of the remedial investigation and the Site. The SEFA output for the Site is included as **Appendix J**.

9.0 CONCLUSIONS AND RECOMMENDATIONS

9.1. Remedial Investigation

PWGC prepared an RIWP dated March 2025 that was approved by the NYSDEC. The purpose of the RI was to delineate soil, groundwater, and soil vapor impact within the Site boundary and to determine what, if any, impact may have migrated off-site. To perform this work, the following tasks were completed:

- The geophysical survey performed at the Site did not identify any previously unknown subsurface anomalies in the areas scanned. It confirmed the presence of the former UST area and the inactive UST area.
- A total of 13 soil borings were installed at the Site and up to 33 soil samples were analyzed.
    - Soils at the Site generally consisted of soils mixed with "fill" material from grade to approximately 16 feet bgs underlain by silty or clayey sands. Groundwater was generally encountered at approximately 10 feet below grade.
    - Soils beneath the Site appear to contain VOCs, SVOCs, metals, pesticides, PCBs, and PFAS at concentrations exceeding Unrestricted Use SCOs and are primarily contained within the first 20 feet bgs.
    - Soils with elevated PID readings (greater than 50 parts per million) were observed in one boring location, SB021 from 6 feet to 8 feet below grade. This corresponds to one of the soil intervals that contained an elevated concentration of BTEX compounds.
- Nine permanent groundwater monitoring wells were installed to determine groundwater quality beneath the Site.
    - VOCs were detected at concentrations exceeding their respective AWQS in four of the groundwater samples analyzed. The monitoring wells with exceedances of petroleum related compounds are located across the Site and the well containing exceedances of chlorinated solvents is located in the northeastern section of the Site. Overall VOC exceedances were marginally exceeding than the AWQSs.
    - SVOCs, pesticides, and PCBs did not exceed AWQSs.
    - Metals in excess of AWQSs in each sample were limited to iron, manganese, and/or sodium. These metals are generally found in background concentrations of groundwater within the region. Additionally, antimony was detected in two samples and selenium was detected in one sample at concentrations marginally exceeding the AWQSs. These samples were collected as totals samples and may have been affected by turbidity of the samples.
    - PFOA and/or PFOS were identified in each groundwater sample collected from the Site in excess of their AWQSs. Additionally, 1,4-dioxane was identified in two of the samples in exceedance of its AWQS.
    - LNAPL was not identified in the on-site wells.
    - Groundwater flow appears to be towards the west and there does not appear to be significant groundwater contamination migrating off-site.
- Three soil vapor, three sub-slab soil vapor, one outdoor air, and two indoor air samples were collected at the Site.
    - Chlorinated solvents were detected in each of the samples collected. The maximum sub-slab concentration was identified in the northeastern section of the Site, in the

general vicinity of where soil and groundwater impact was observed. The degree of impact identified indicates that soil vapor intrusion mitigation is warranted.
    - Petroleum compounds were identified in the soil and soil vapor of the western section of the Site at concentrations that indicate soil vapor intrusion mitigation may be warranted.
- The fate and transport of contaminants identified during the RI is a function of the properties of the individual contaminants, the geology and hydrogeology of the Site, and available pathways for the contaminants to migrate. Elevated concentrations of VOCs, SVOCs, metals, pesticides, PCBs, and PFAS are present in subsurface soils at the Site. Significant groundwater impact from on-site contamination has not been observed leaving the Site. Transport mechanisms for identified impact include soil transportation as dust or suspended in storm runoff and migration of groundwater or soil vapor downgradient. As the Site is currently capped with pavement or concrete, impacted shallow soils at the Site are contained. There are currently no excavations on the Site that would allow exposure to soil or groundwater. VOCs in soil vapor appear to be emanating from subsurface soil contamination although additional off-site sources cannot be ruled out due to the industrial nature of nearby properties. Elevated concentrations were observed near the northeastern portion of the Site.
- Possible exposure pathways are by ingestion of impacted soil, inhalation of dust or vapors from impacted soils, or dermal exposure to impacted soil by a person on the Site. The Site is currently capped with various buildings, asphalt and/or concrete which largely negates these exposure pathways. Prior to the cap being removed from the Site, a locked perimeter fence will be installed which will limit access to the Site to authorized personnel. As such, potential exposures would be limited to periods when ground intrusive work is being performed. Proposed remediation of the Site will then include re-capping the property with impervious surfaces and/or clean fill material. There are no production wells or groundwater use on the Site, so there is no route for ingestion or dermal exposure to groundwater except for when ground intrusive work is occurring if it extends to the groundwater table which will be mitigated by a dewatering system.

9.2. Recommendations

Based upon the observations and data generated during the RI, PWGC recommends preparing a Remedial Action Work Plan (RAWP) which will include potential mitigation measures to address identified impacts at the Site. The RAWP should address the following Remedial Action Objectives (RAOs):

Remedial Action Objectives		
Matrix	**Public Health Protection**	**Environmental Protection**
Soil	Prevent ingestion/direct contact with contaminated soil. Prevent inhalation of or exposure to contaminants volatilizing from contaminated soil.	Prevent migration of contaminants that would result in groundwater or surface water contamination.

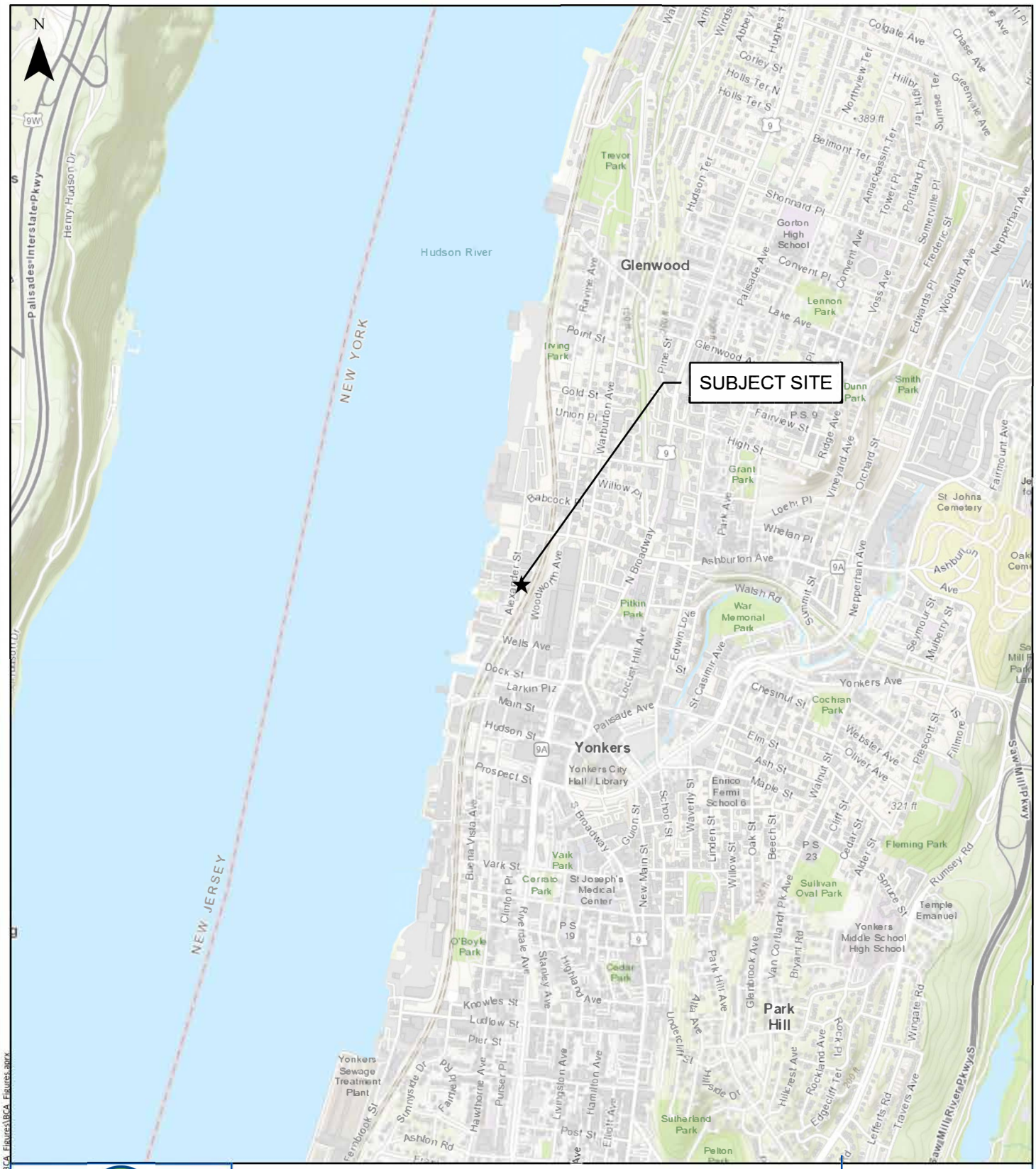
Remedial Action Objectives		
Matrix	**Public Health Protection**	**Environmental Protection**
Groundwater	Prevent ingestion of groundwater containing contaminant levels exceeding drinking water standards. Prevent contact with, or inhalation of, volatiles emanating from contaminated groundwater.	Restore groundwater aquifer, to the extent practicable, to pre-disposal/pre-release conditions. Remove the source of groundwater contamination.
Soil Vapor	Mitigate potential impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings.	Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at the subject property.

The Applicant proposes to demolish the existing structures at the proposed development Site and construct a new 30-story mixed-use development. The cellar level will occupy the entirety of the Site, excluding the DEF Easement Area (and required distances from DEF piping), and will be utilized for retail, utility spaces, and storage. The first floor will be utilized for retail space, residential amenity space, and parking, including over the DEF Easement Area. The 2nd through 4th floors will be utilized for parking only. The 5th through 30th floors will be utilized for residential space.

10.0 REFERENCES

- NYSDEC, Division of Environmental Restoration, 6 NYCRR Part 375 Subpart 6, Remedial Program Soil Cleanup Objectives, December 14, 2006.
- NYSDEC, Division of Environmental Remediation, December 2002, DER-10, Technical Guidance for Site Investigation and Remediation, May 3, 2010.
- NYSDEC, Division of Water, June 1998, Addendum April 2000, Technical and Operational Guidance Series 1:1:1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.
- NYSDEC, Division of Environmental Remediation, Guidelines for Sampling and Analysis of PFAS under NYSDEC's Part 375 Remedial Programs, April 2023.
- NYSDOH, Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006, updated February 2024.
- USEPA, Low Stress (Low Flow) Purging and Sampling Procedure for The Collection of Groundwater Samples from Monitoring Wells, September 2017.

FIGURES



SITE LOCATION MAP

60 Alexander Street
Yonkers, NY

0 ¼ ½ ¾ 1 Miles

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Project:	ALE2501
Date:	08/18/2025
Designed by:	ZY
Drawn by:	KM
Approved by:	ZY
Figure No:	1

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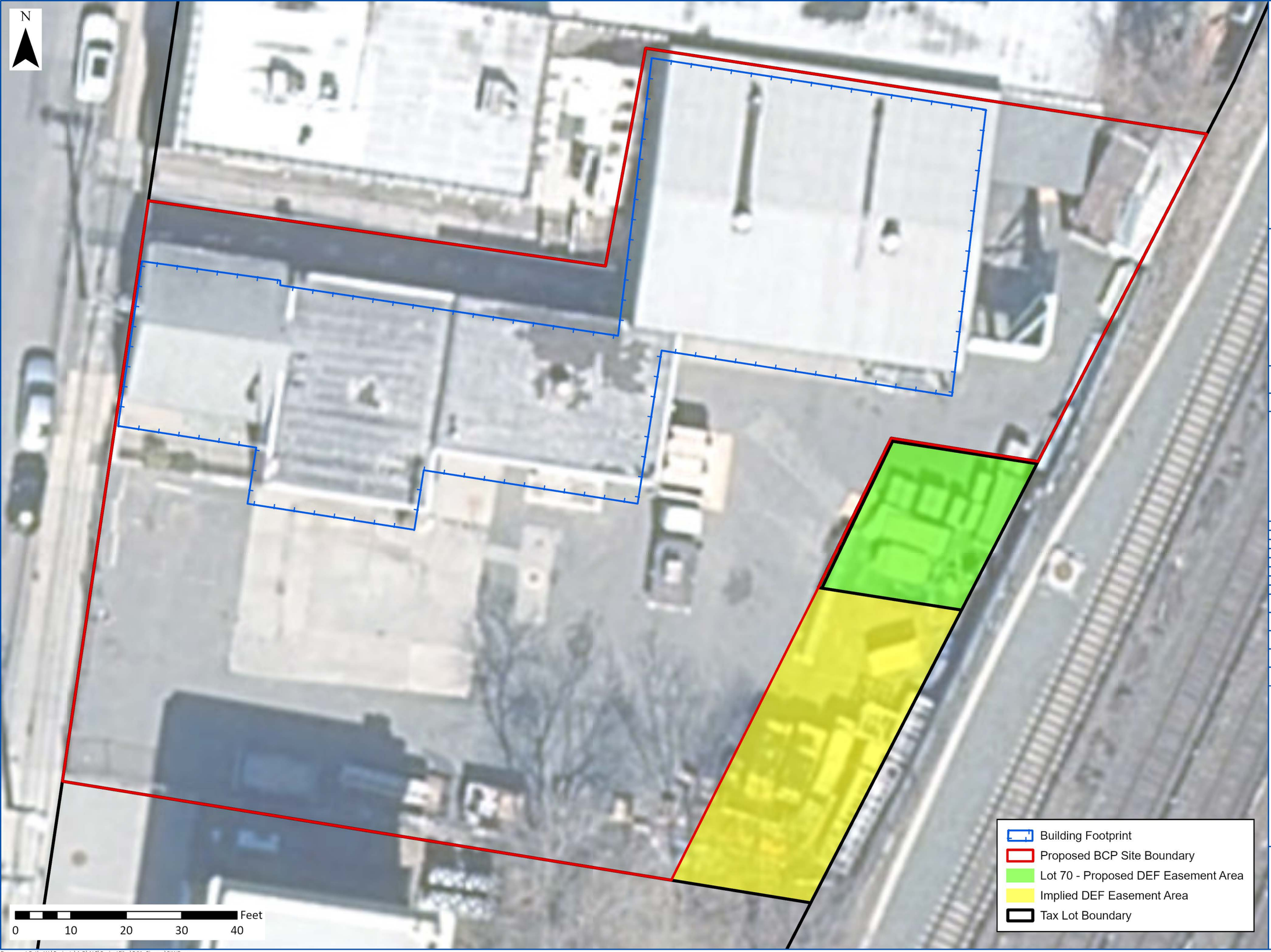

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SITE PLAN WITH EASEMENT

60 Alexander St
Yonkers, NY

FIGURE NO:

2

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SOIL BORING SAMPLING LOCATIONS

60 ALEXANDER ST
YONKERS, NY

FIGURE NO:

3

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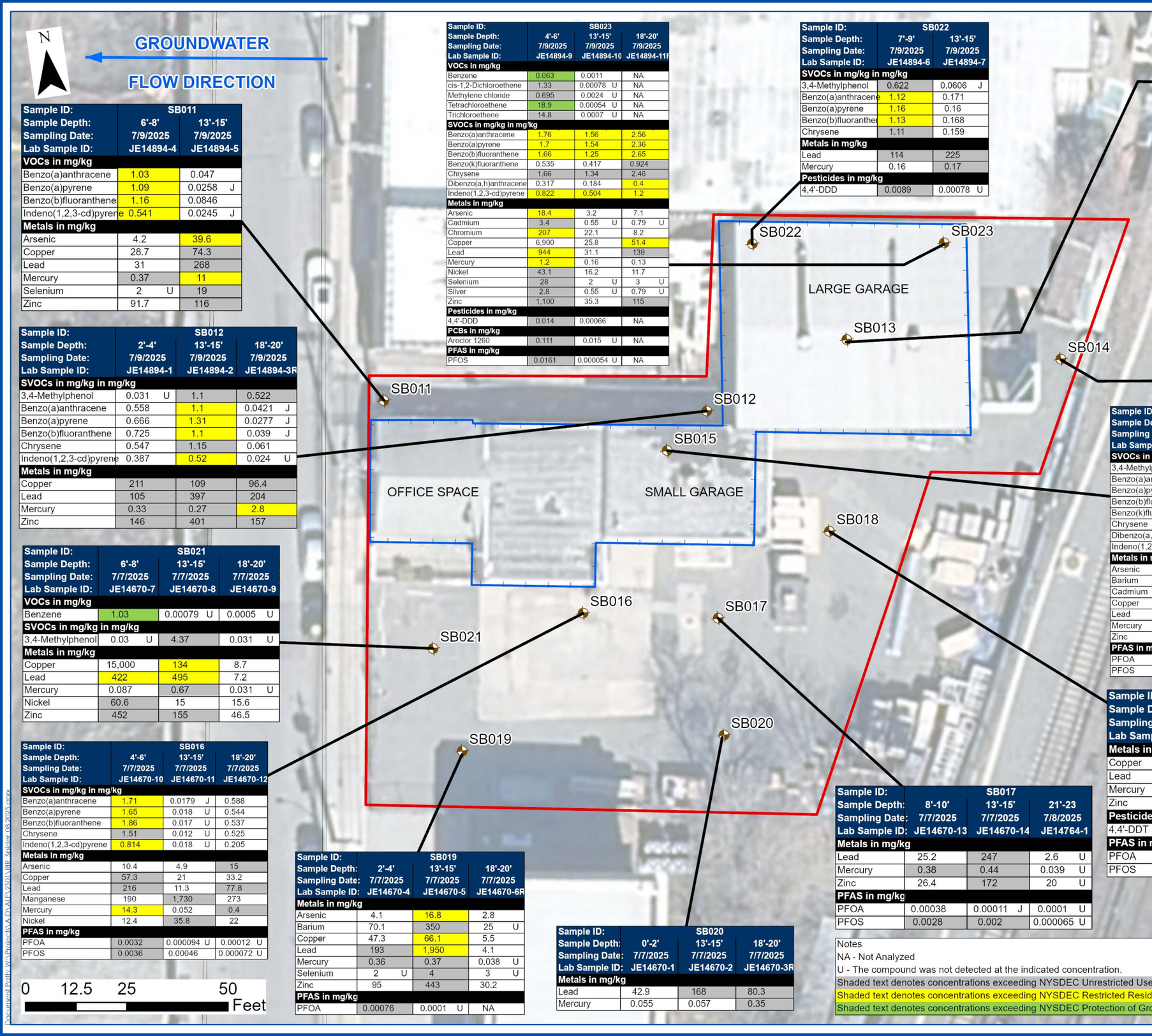

Sample ID:	SB011	
Sample Depth:	6'-8'	13'-15'
Sampling Date:	7/9/2025	7/9/2025
Lab Sample ID:	JE14894-4	JE14894-5
VOCs in mg/kg		
Benzo(a)anthracene	1.03	0.047
Benzo(a)pyrene	1.09	0.0258 J
Benzo(b)fluoranthene	1.16	0.0846
Indeno(1,2,3-cd)pyrene	0.541	0.0245 J
Metals in mg/kg		
Arsenic	4.2	39.6
Copper	28.7	74.3
Lead	31	268
Mercury	0.37	11
Selenium	2 U	19
Zinc	91.7	116

Sample ID:	SB012		
Sample Depth:	2'-4'	13'-15'	18'-20'
Sampling Date:	7/9/2025	7/9/2025	7/9/2025
Lab Sample ID:	JE14894-1	JE14894-2	JE14894-3R
SVOCs in mg/kg in mg/kg			
3,4-Methylphenol	0.031 U	1.1	0.522
Benzo(a)anthracene	0.558	1.1	0.0421 J
Benzo(a)pyrene	0.666	1.31	0.0277 J
Benzo(b)fluoranthene	0.725	1.1	0.039 J
Chrysene	0.547	1.15	0.061
Indeno(1,2,3-cd)pyrene	0.387	0.52	0.024 U
Metals in mg/kg			
Copper	211	109	96.4
Lead	105	397	204
Mercury	0.33	0.27	2.8
Zinc	146	401	157

Sample ID:	SB021		
Sample Depth:	6'-8'	13'-15'	18'-20'
Sampling Date:	7/7/2025	7/7/2025	7/7/2025
Lab Sample ID:	JE14670-7	JE14670-8	JE14670-9
VOCs in mg/kg			
Benzene	1.03	0.00079 U	0.0005 U
SVOCs in mg/kg in mg/kg			
3,4-Methylphenol	0.03 U	4.37	0.031 U
Metals in mg/kg			
Copper	15,000	134	8.7
Lead	422	495	7.2
Mercury	0.087	0.67	0.031 U
Nickel	60.6	15	15.6
Zinc	452	155	46.5

Sample ID:	SB016		
Sample Depth:	4'-6'	13'-15'	18'-20'
Sampling Date:	7/7/2025	7/7/2025	7/7/2025
Lab Sample ID:	JE14670-10	JE14670-11	JE14670-12
SVOCs in mg/kg in mg/kg			
Benzo(a)anthracene	1.71	0.0179 J	0.588
Benzo(a)pyrene	1.65	0.018 U	0.544
Benzo(b)fluoranthene	1.86	0.017 U	0.537
Chrysene	1.51	0.012 U	0.525
Indeno(1,2,3-cd)pyrene	0.814	0.018 U	0.205
Metals in mg/kg			
Arsenic	10.4	4.9	15
Copper	57.3	21	33.2
Lead	216	11.3	77.8
Manganese	190	1,730	273
Mercury	14.3	0.052	0.4
Nickel	12.4	35.8	22
PFAS in mg/kg			
PFOA	0.0032	0.000094 U	0.00012 U
PFOS	0.0036	0.00046	0.000072 U

Sample ID:	SB023		
Sample Depth:	4'-6'	13'-15'	18'-20'
Sampling Date:	7/9/2025	7/9/2025	7/9/2025
Lab Sample ID:	JE14894-9	JE14894-10	JE14894-11R
VOCs in mg/kg			
Benzene	0.063	0.0011	NA
cis-1,2-Dichloroethene	1.33	0.00078 U	NA
Methylene chloride	0.695	0.0024 U	NA
Tetrachloroethene	18.9	0.00054 U	NA
Trichloroethene	14.8	0.0007 U	NA
SVOCs in mg/kg in mg/kg			
Benzo(a)anthracene	1.76	1.56	2.56
Benzo(a)pyrene	1.7	1.54	2.36
Benzo(b)fluoranthene	1.66	1.25	2.65
Benzo(k)fluoranthene	0.535	0.417	0.924
Chrysene	1.66	1.34	2.46
Dibenzo(a,h)anthracene	0.317	0.184	0.4
Indeno(1,2,3-cd)pyrene	0.822	0.504	1.2
Metals in mg/kg			
Arsenic	18.4	3.2	7.1
Cadmium	3.4	0.55 U	0.79 U
Chromium	207	22.1	8.2
Copper	6,900	25.8	51.4
Lead	944	31.1	139
Mercury	1.2	0.16	0.13
Nickel	43.1	16.2	11.7
Selenium	28	2 U	3 U
Silver	2.8	0.55 U	0.79 U
Zinc	1,100	35.3	115
Pesticides in mg/kg			
4,4'-DDD	0.014	0.00066	NA
PCBs in mg/kg			
Aroclor 1260	0.111	0.015 U	NA
PFAS in mg/kg			
PFOS	0.0161	0.000054 U	NA

Sample ID:	SB019		
Sample Depth:	2'-4'	13'-15'	18'-20'
Sampling Date:	7/7/2025	7/7/2025	7/7/2025
Lab Sample ID:	JE14670-4	JE14670-5	JE14670-6R
Metals in mg/kg			
Arsenic	4.1	16.8	2.8
Barium	70.1	350	25 U
Copper	47.3	66.1	5.5
Lead	193	1,950	4.1
Mercury	0.36	0.37	0.038 U
Selenium	2 U	4	3 U
Zinc	95	443	30.2
PFAS in mg/kg			
PFOA	0.00076	0.0001 U	NA

Sample ID:	SB020		
Sample Depth:	0'-2'	13'-15'	18'-20'
Sampling Date:	7/7/2025	7/7/2025	7/7/2025
Lab Sample ID:	JE14670-1	JE14670-2	JE14670-3R
Metals in mg/kg			
Lead	42.9	168	80.3
Mercury	0.055	0.057	0.35

Sample ID:	SB022	
Sample Depth:	7'-9'	13'-15'
Sampling Date:	7/9/2025	7/9/2025
Lab Sample ID:	JE14894-6	JE14894-7
SVOCs in mg/kg in mg/kg		
3,4-Methylphenol	0.622	0.0606 J
Benzo(a)anthracene	1.12	0.171
Benzo(a)pyrene	1.16	0.16
Benzo(b)fluoranthene	1.13	0.168
Chrysene	1.11	0.159
Metals in mg/kg		
Lead	114	225
Mercury	0.16	0.17
Pesticides in mg/kg		
4,4'-DDD	0.0089	0.00078 U

Sample ID:	SB013	
Sample Depth:	4'-10'	13'-15'
Sampling Date:	7/8/2025	7/8/2025
Lab Sample ID:	JE14764-5	JE14764-6
Metals in mg/kg		
Arsenic	2.2 U	15.9
Lead	8.8	90.6
Mercury	0.031 U	0.39
Pesticides in mg/kg		
4,4'-DDD	0.0056	0.000048 U
PCBs in mg/kg		
Aroclor 1260	0.16	0.0078 U

Sample ID:	SB014	
Sample Depth:	2'-4'	13'-15'
Sampling Date:	7/7/2025	7/7/2025
Lab Sample ID:	JE14670-21	JE14670-22
SVOCs in mg/kg in mg/kg		
Benzo(a)anthracene	2.25	0.102
Benzo(a)pyrene	1.94	0.0321 J
Benzo(b)fluoranthene	2.11	0.0747
Chrysene	2.1	0.178
Indeno(1,2,3-cd)pyrene	0.913	0.019 U
Metals in mg/kg		
Copper	232	23.3
Lead	357	12.9
Mercury	1.9	0.11
Zinc	306	38.2
PFAS in mg/kg		
PFOS	0.0017	0.00056

Sample ID:	SB015		
Sample Depth:	6'-8'	13'-15'	18'-20'
Sampling Date:	7/8/2025	7/8/2025	7/7/2025
Lab Sample ID:	JE14764-2	JE14764-3	JE14764-4R
SVOCs in mg/kg in mg/kg			
3,4-Methylphenol	0.033 U	1.21	0.158
Benzo(a)anthracene	0.158	3.15	1.49
Benzo(a)pyrene	0.118	3.42	1.22
Benzo(b)fluoranthene	0.189	3.79	1.42
Benzo(k)fluoranthene	0.0623	1.36	0.395
Chrysene	0.2	3.43	1.33
Dibenzo(a,h)anthracene	0.0271 J	0.479	0.19
Indeno(1,2,3-cd)pyrene	0.067	1.67	0.538
Metals in mg/kg			
Arsenic	24.1	17.2	8.8
Barium	47.3	421	108
Cadmium	0.61 U	6.7	0.69 U
Copper	77.2	385	155
Lead	116	1,450	1,090
Mercury	3.2	3.1	5.7
Zinc	131	2,750	181
PFAS in mg/kg			
PFOA	0.00077	0.00017 U	NA
PFOS	0.0258	0.0001 U	NA

Sample ID:	SB018		
Sample Depth:	2'-4'	4'-10'	13'-15'
Sampling Date:	7/7/2025	7/7/2025	7/7/2025
Lab Sample ID:	JE14670-20	JE14670-17	JE14670-18
Metals in mg/kg			
Copper	1,510	38.2	22.5
Lead	205	48.6	8.5
Mercury	0.1	0.32	0.15
Zinc	336	45.8	31
Pesticides in mg/kg			
4,4'-DDT	0.007	0.0023	0.00074 U
PFAS in mg/kg			
PFOA	0.00023	0.000093 U	0.000098 U
PFOS	0.0019	0.0202	0.004

Sample ID:	SB017		
Sample Depth:	8'-10'	13'-15'	21'-23
Sampling Date:	7/7/2025	7/7/2025	7/8/2025
Lab Sample ID:	JE14670-13	JE14670-14	JE14764-1
Metals in mg/kg			
Lead	25.2	247	2.6 U
Mercury	0.38	0.44	0.039 U
Zinc	26.4	172	20 U
PFAS in mg/kg			
PFOA	0.00038	0.00011 J	0.0001 U
PFOS	0.0028	0.002	0.000065 U

Notes
NA - Not Analyzed
U - The compound was not detected at the indicated concentration.
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use
Shaded text denotes concentrations exceeding NYSDEC Protection of Groundwater

Soil Boring
Building Footprint
Site Boundary

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Soil Sampling Exceedances

60 ALEXANDER ST
YONKERS, NY

FIGURE NO:

4

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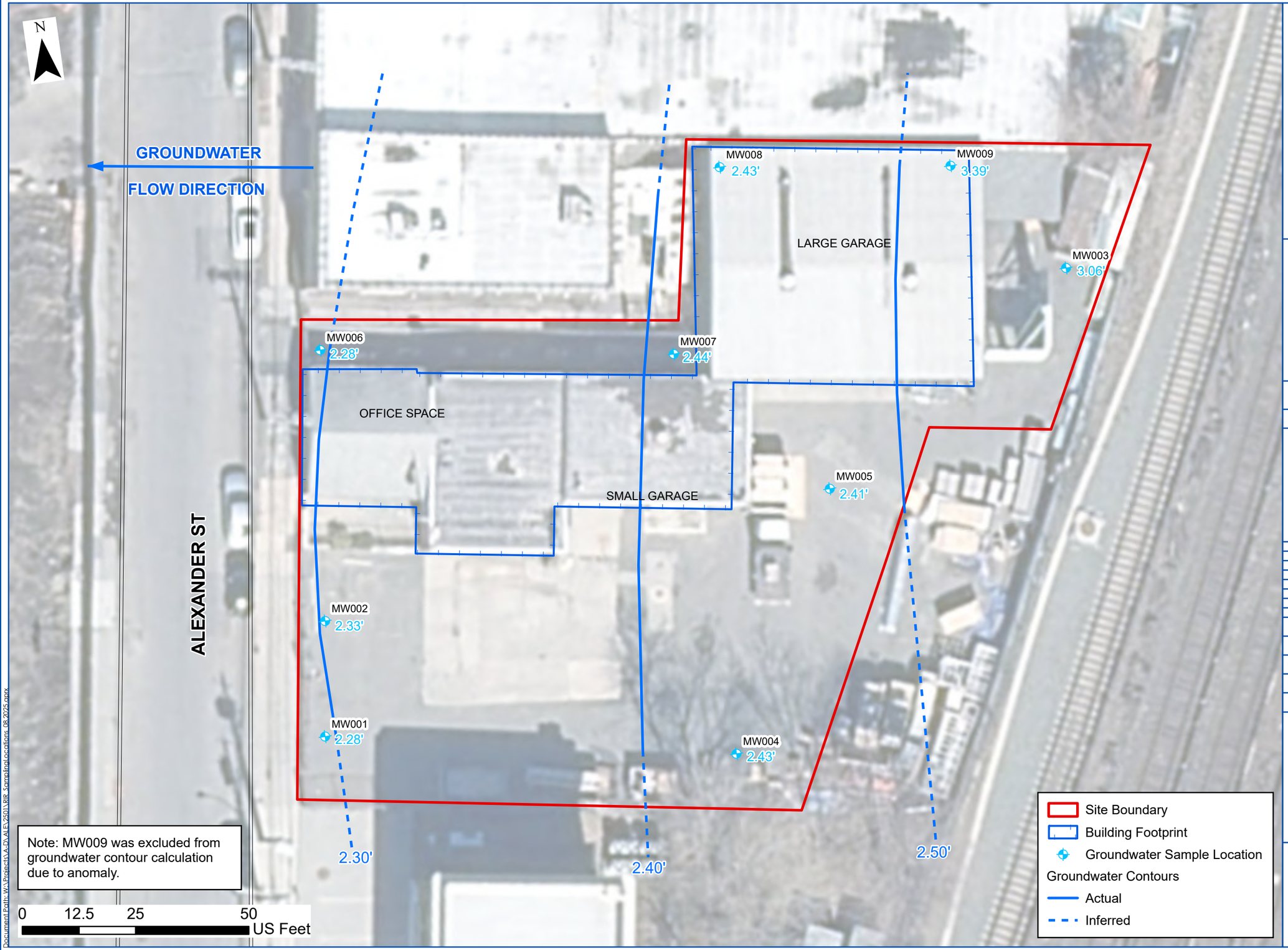

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GROUNDWATER SAMPLING LOCATIONS & GROUNDWATER ELEVATIONS

60 ALEXANDER ST
YONKERS, NY

FIGURE NO:

5

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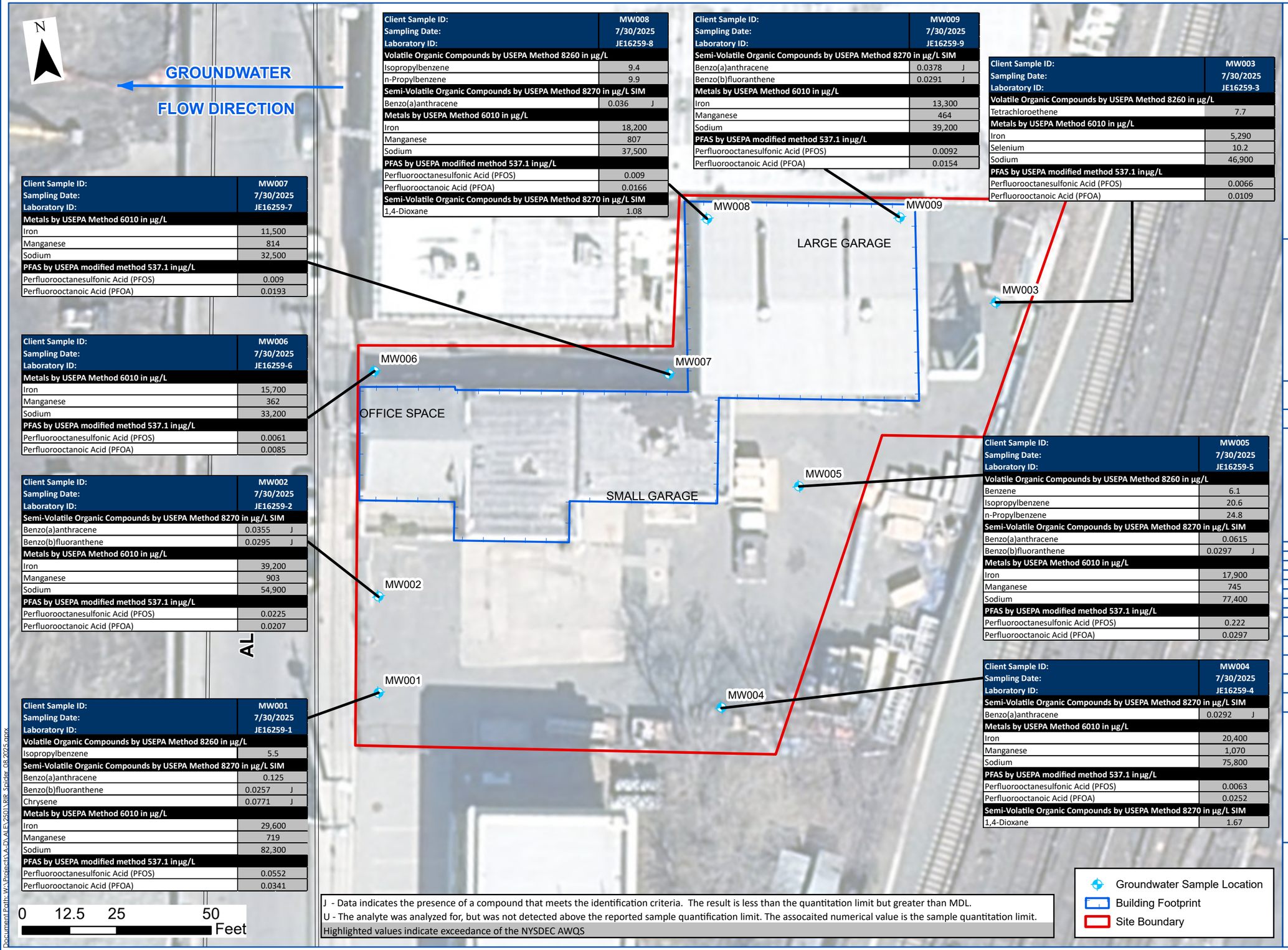

Client Sample ID:	MW008
Sampling Date:	7/30/2025
Laboratory ID:	JE16259-8
Volatile Organic Compounds by USEPA Method 8260 in µg/L	
Isopropylbenzene	9.4
n-Propylbenzene	9.9
Semi-Volatile Organic Compounds by USEPA Method 8270 in µg/L SIM	
Benzo(a)anthracene	0.036 J
Metals by USEPA Method 6010 in µg/L	
Iron	18,200
Manganese	807
Sodium	37,500
PFAS by USEPA modified method 537.1 in µg/L	
Perfluorooctanesulfonic Acid (PFOS)	0.009
Perfluorooctanoic Acid (PFOA)	0.0166
Semi-Volatile Organic Compounds by USEPA Method 8270 in µg/L SIM	
1,4-Dioxane	1.08

Client Sample ID:	MW009
Sampling Date:	7/30/2025
Laboratory ID:	JE16259-9
Semi-Volatile Organic Compounds by USEPA Method 8270 in µg/L SIM	
Benzo(a)anthracene	0.0378 J
Benzo(b)fluoranthene	0.0291 J
Metals by USEPA Method 6010 in µg/L	
Iron	13,300
Manganese	464
Sodium	39,200
PFAS by USEPA modified method 537.1 in µg/L	
Perfluorooctanesulfonic Acid (PFOS)	0.0092
Perfluorooctanoic Acid (PFOA)	0.0154

Client Sample ID:	MW003
Sampling Date:	7/30/2025
Laboratory ID:	JE16259-3
Volatile Organic Compounds by USEPA Method 8260 in µg/L	
Tetrachloroethene	7.7
Metals by USEPA Method 6010 in µg/L	
Iron	5,290
Selenium	10.2
Sodium	46,900
PFAS by USEPA modified method 537.1 in µg/L	
Perfluorooctanesulfonic Acid (PFOS)	0.0066
Perfluorooctanoic Acid (PFOA)	0.0109

Client Sample ID:	MW007
Sampling Date:	7/30/2025
Laboratory ID:	JE16259-7
Metals by USEPA Method 6010 in µg/L	
Iron	11,500
Manganese	814
Sodium	32,500
PFAS by USEPA modified method 537.1 in µg/L	
Perfluorooctanesulfonic Acid (PFOS)	0.009
Perfluorooctanoic Acid (PFOA)	0.0193

Client Sample ID:	MW006
Sampling Date:	7/30/2025
Laboratory ID:	JE16259-6
Metals by USEPA Method 6010 in µg/L	
Iron	15,700
Manganese	362
Sodium	33,200
PFAS by USEPA modified method 537.1 in µg/L	
Perfluorooctanesulfonic Acid (PFOS)	0.0061
Perfluorooctanoic Acid (PFOA)	0.0085

Client Sample ID:	MW005
Sampling Date:	7/30/2025
Laboratory ID:	JE16259-5
Volatile Organic Compounds by USEPA Method 8260 in µg/L	
Benzene	6.1
Isopropylbenzene	20.6
n-Propylbenzene	24.8
Semi-Volatile Organic Compounds by USEPA Method 8270 in µg/L SIM	
Benzo(a)anthracene	0.0615
Benzo(b)fluoranthene	0.0297 J
Metals by USEPA Method 6010 in µg/L	
Iron	17,900
Manganese	745
Sodium	77,400
PFAS by USEPA modified method 537.1 in µg/L	
Perfluorooctanesulfonic Acid (PFOS)	0.222
Perfluorooctanoic Acid (PFOA)	0.0297

Client Sample ID:	MW002
Sampling Date:	7/30/2025
Laboratory ID:	JE16259-2
Semi-Volatile Organic Compounds by USEPA Method 8270 in µg/L SIM	
Benzo(a)anthracene	0.0355 J
Benzo(b)fluoranthene	0.0295 J
Metals by USEPA Method 6010 in µg/L	
Iron	39,200
Manganese	903
Sodium	54,900
PFAS by USEPA modified method 537.1 in µg/L	
Perfluorooctanesulfonic Acid (PFOS)	0.0225
Perfluorooctanoic Acid (PFOA)	0.0207

Client Sample ID:	MW004
Sampling Date:	7/30/2025
Laboratory ID:	JE16259-4
Semi-Volatile Organic Compounds by USEPA Method 8270 in µg/L SIM	
Benzo(a)anthracene	0.0292 J
Metals by USEPA Method 6010 in µg/L	
Iron	20,400
Manganese	1,070
Sodium	75,800
PFAS by USEPA modified method 537.1 in µg/L	
Perfluorooctanesulfonic Acid (PFOS)	0.0063
Perfluorooctanoic Acid (PFOA)	0.0252
Semi-Volatile Organic Compounds by USEPA Method 8270 in µg/L SIM	
1,4-Dioxane	1.67

Client Sample ID:	MW001
Sampling Date:	7/30/2025
Laboratory ID:	JE16259-1
Volatile Organic Compounds by USEPA Method 8260 in µg/L	
Isopropylbenzene	5.5
Semi-Volatile Organic Compounds by USEPA Method 8270 in µg/L SIM	
Benzo(a)anthracene	0.125
Benzo(b)fluoranthene	0.0257 J
Chrysene	0.0771 J
Metals by USEPA Method 6010 in µg/L	
Iron	29,600
Manganese	719
Sodium	82,300
PFAS by USEPA modified method 537.1 in µg/L	
Perfluorooctanesulfonic Acid (PFOS)	0.0552
Perfluorooctanoic Acid (PFOA)	0.0341

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL.
U - The analyte was analyzed for, but was not detected above the reported sample quantification limit. The associated numerical value is the sample quantitation limit.
Highlighted values indicate exceedance of the NYSDEC AWQS

Groundwater Sample Location
Building Footprint
Site Boundary

PWGC
CLIENT DRIVEN SOLUTIONS
P.W. Grosser Consulting, Inc.
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Bohemia, NY 11716
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DRAWING INFORMATION:

Project:	ALE2501	Designed by:	ZY
Date:	9/16/2025	Drawn by:	KM
Scale:	AS SHOWN	Approved by:	ZY

Groundwater Sampling Exceedances

60 ALEXANDER ST
YONKERS, NY

FIGURE NO:

6

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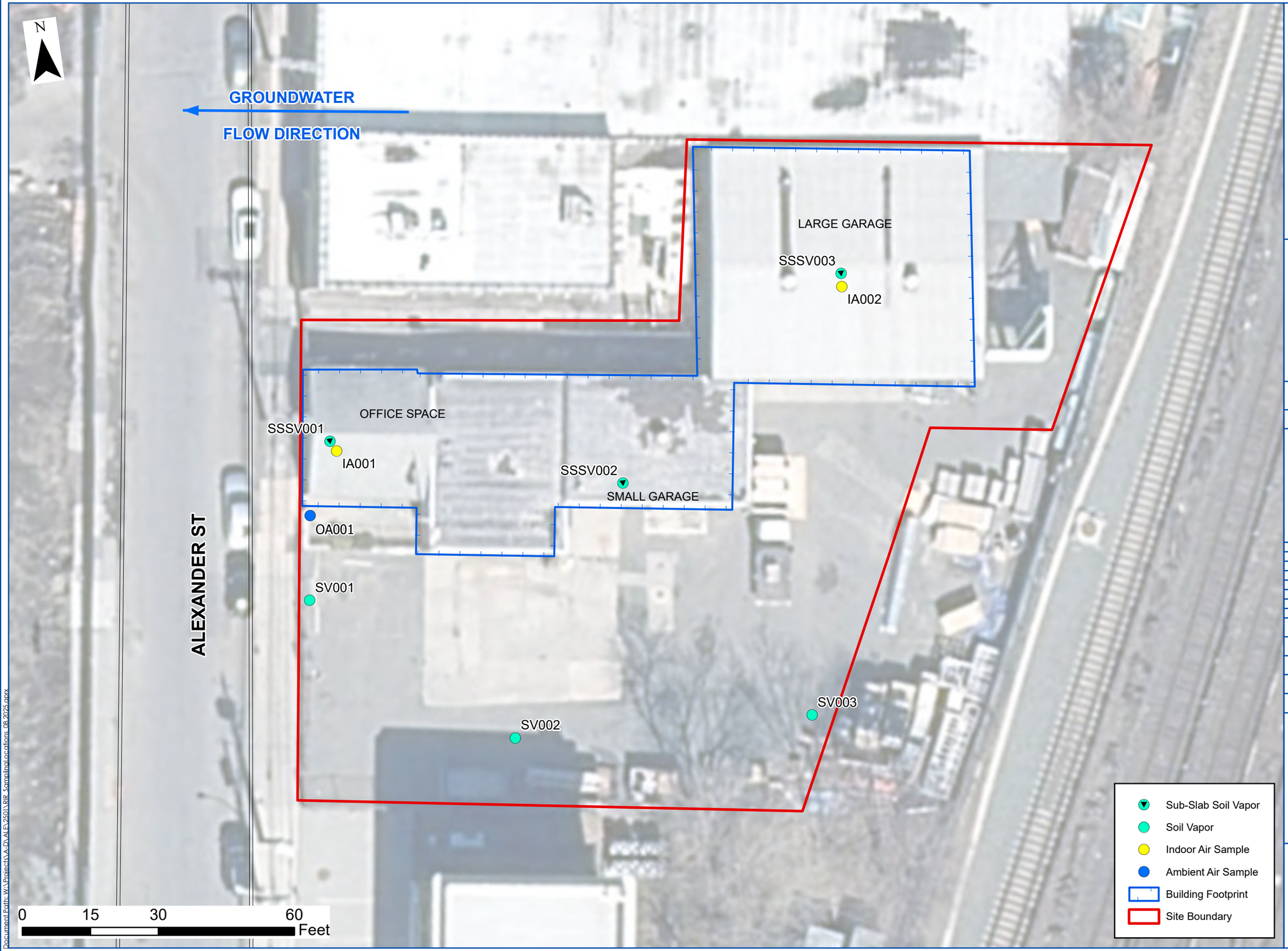

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DRAWING INFORMATION:

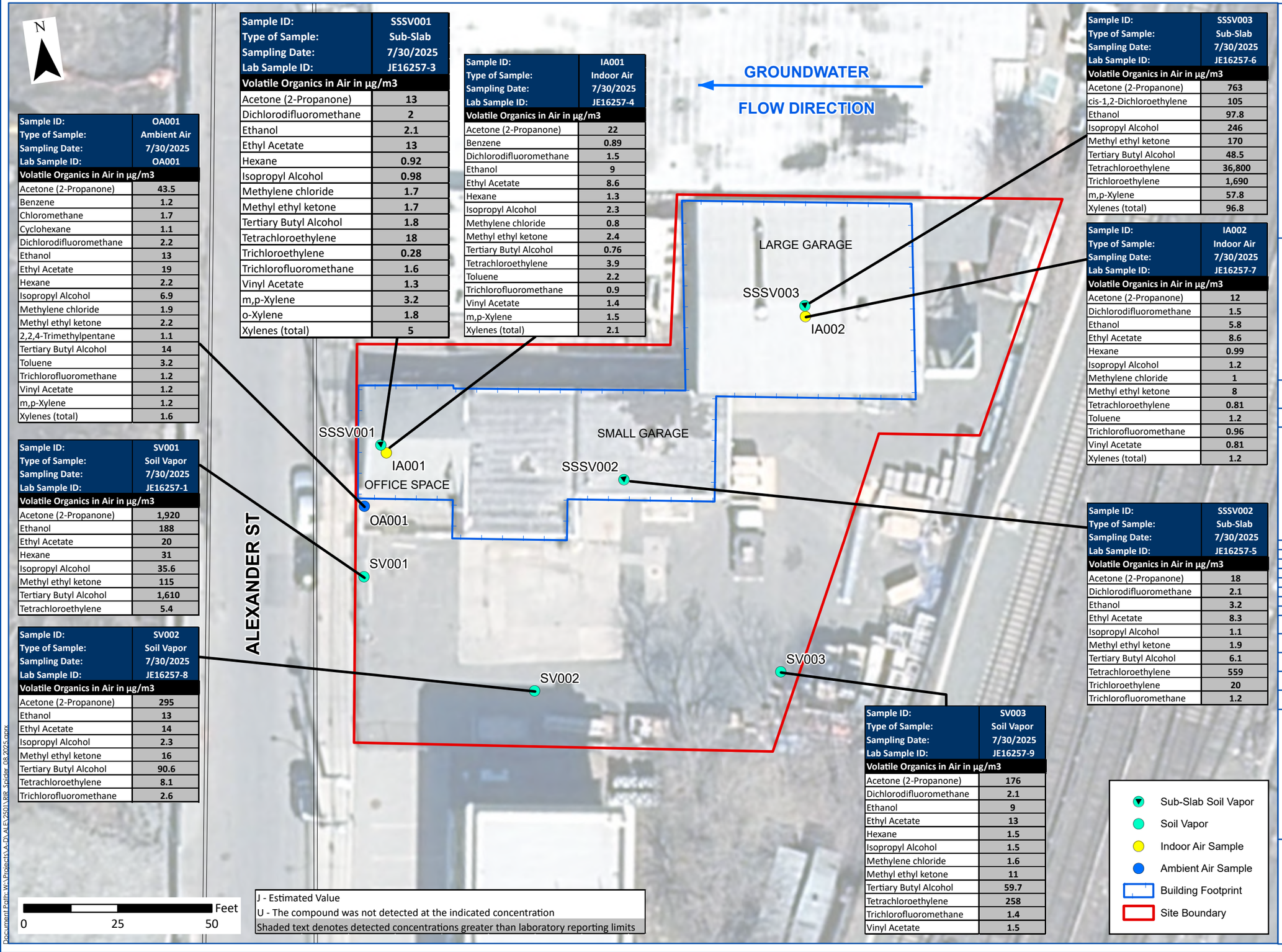
Project:	ALE2501	Designed by:	ZY
Date:	8/21/2025	Drawn by:	KM
Scale:	AS SHOWN	Approved by:	ZY

SOIL VAPOR SAMPLING LOCATIONS

60 ALEXANDER ST
YONKERS, NY

FIGURE NO:

7



Sample ID:	OA001
Type of Sample:	Ambient Air
Sampling Date:	7/30/2025
Lab Sample ID:	OA001
Volatile Organics in Air in µg/m3	
Acetone (2-Propanone)	43.5
Benzene	1.2
Chloromethane	1.7
Cyclohexane	1.1
Dichlorodifluoromethane	2.2
Ethanol	13
Ethyl Acetate	19
Hexane	2.2
Isopropyl Alcohol	6.9
Methylene chloride	1.9
Methyl ethyl ketone	2.2
2,2,4-Trimethylpentane	1.1
Tertiary Butyl Alcohol	14
Toluene	3.2
Trichlorofluoromethane	1.2
Vinyl Acetate	1.2
m,p-Xylene	1.2
Xylenes (total)	1.6

Sample ID:	SV001
Type of Sample:	Soil Vapor
Sampling Date:	7/30/2025
Lab Sample ID:	JE16257-1
Volatile Organics in Air in µg/m3	
Acetone (2-Propanone)	1,920
Ethanol	188
Ethyl Acetate	20
Hexane	31
Isopropyl Alcohol	35.6
Methyl ethyl ketone	115
Tertiary Butyl Alcohol	1,610
Tetrachloroethylene	5.4

Sample ID:	SV002
Type of Sample:	Soil Vapor
Sampling Date:	7/30/2025
Lab Sample ID:	JE16257-8
Volatile Organics in Air in µg/m3	
Acetone (2-Propanone)	295
Ethanol	13
Ethyl Acetate	14
Isopropyl Alcohol	2.3
Methyl ethyl ketone	16
Tertiary Butyl Alcohol	90.6
Tetrachloroethylene	8.1
Trichlorofluoromethane	2.6

Sample ID:	SSSV001
Type of Sample:	Sub-Slab
Sampling Date:	7/30/2025
Lab Sample ID:	JE16257-3
Volatile Organics in Air in µg/m3	
Acetone (2-Propanone)	13
Dichlorodifluoromethane	2
Ethanol	2.1
Ethyl Acetate	13
Hexane	0.92
Isopropyl Alcohol	0.98
Methylene chloride	1.7
Methyl ethyl ketone	1.7
Tertiary Butyl Alcohol	1.8
Tetrachloroethylene	18
Trichloroethylene	0.28
Trichlorofluoromethane	1.6
Vinyl Acetate	1.3
m,p-Xylene	3.2
o-Xylene	1.8
Xylenes (total)	5

Sample ID:	IA001
Type of Sample:	Indoor Air
Sampling Date:	7/30/2025
Lab Sample ID:	JE16257-4
Volatile Organics in Air in µg/m3	
Acetone (2-Propanone)	22
Benzene	0.89
Dichlorodifluoromethane	1.5
Ethanol	9
Ethyl Acetate	8.6
Hexane	1.3
Isopropyl Alcohol	2.3
Methylene chloride	0.8
Methyl ethyl ketone	2.4
Tertiary Butyl Alcohol	0.76
Tetrachloroethylene	3.9
Toluene	2.2
Trichlorofluoromethane	0.9
Vinyl Acetate	1.4
m,p-Xylene	1.5
Xylenes (total)	2.1

Sample ID:	SSSV003
Type of Sample:	Sub-Slab
Sampling Date:	7/30/2025
Lab Sample ID:	JE16257-6
Volatile Organics in Air in µg/m3	
Acetone (2-Propanone)	763
cis-1,2-Dichloroethylene	105
Ethanol	97.8
Isopropyl Alcohol	246
Methyl ethyl ketone	170
Tertiary Butyl Alcohol	48.5
Tetrachloroethylene	36,800
Trichloroethylene	1,690
m,p-Xylene	57.8
Xylenes (total)	96.8

Sample ID:	IA002
Type of Sample:	Indoor Air
Sampling Date:	7/30/2025
Lab Sample ID:	JE16257-7
Volatile Organics in Air in µg/m3	
Acetone (2-Propanone)	12
Dichlorodifluoromethane	1.5
Ethanol	5.8
Ethyl Acetate	8.6
Hexane	0.99
Isopropyl Alcohol	1.2
Methylene chloride	1
Methyl ethyl ketone	8
Tetrachloroethylene	0.81
Toluene	1.2
Trichlorofluoromethane	0.96
Vinyl Acetate	0.81
Xylenes (total)	1.2

Sample ID:	SSSV002
Type of Sample:	Sub-Slab
Sampling Date:	7/30/2025
Lab Sample ID:	JE16257-5
Volatile Organics in Air in µg/m3	
Acetone (2-Propanone)	18
Dichlorodifluoromethane	2.1
Ethanol	3.2
Ethyl Acetate	8.3
Isopropyl Alcohol	1.1
Methyl ethyl ketone	1.9
Tertiary Butyl Alcohol	6.1
Tetrachloroethylene	559
Trichloroethylene	20
Trichlorofluoromethane	1.2

Sample ID:	SV003
Type of Sample:	Soil Vapor
Sampling Date:	7/30/2025
Lab Sample ID:	JE16257-9
Volatile Organics in Air in µg/m3	
Acetone (2-Propanone)	176
Dichlorodifluoromethane	2.1
Ethanol	9
Ethyl Acetate	13
Hexane	1.5
Isopropyl Alcohol	1.5
Methylene chloride	1.6
Methyl ethyl ketone	11
Tertiary Butyl Alcohol	59.7
Tetrachloroethylene	258
Trichlorofluoromethane	1.4
Vinyl Acetate	1.5

J - Estimated Value
U - The compound was not detected at the indicated concentration
Shaded text denotes detected concentrations greater than laboratory reporting limits

Sub-Slab Soil Vapor
Soil Vapor
Indoor Air Sample
Ambient Air Sample
Building Footprint
Site Boundary

PWGC
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REVISION	DATE	INITIAL	COMMENTS

DRAWING INFORMATION:

Project:	ALE2501	Designed by:	ZY
Date:	8/21/2025	Drawn by:	KM
Scale:	AS SHOWN	Approved by:	ZY

Soil Vapor Sampling Exceedances

60 ALEXANDER ST
YONKERS, NY

FIGURE NO:

8

Document Path: W:\Projects\A-D\ALE\2501\NRR_Spider_08-2025.aprx

TABLES

Table 1
Soil VOC Analytical Data
60 Alexander Street, Yonkers, NY

Sample ID:	CAS Number	NYSDEC Soil Cleanup Objectives Unrestricted Use	NYSDEC (2) Soil Cleanup Objectives Restricted Residential Use	NYSDEC (2) Soil Cleanup Objectives Protection of Groundwater	SB011		SB012		SB013		SB014		SB015		SB016			SB017			SB018		
Sample Depth:					6'-8'	13'-15'	2'-4'	13'-15'	4'-10'	13'-15'	2'-4'	13'-15'	6'-8'	13'-15'	4'-6'	13'-15'	18'-20'	8'-10'	13'-15'	21'-23	2'-4'	4'-10'	13'-15'
Sampling Date:					7/9/2025	7/9/2025	7/9/2025	7/9/2025	7/8/2025	7/8/2025	7/7/2025	7/7/2025	7/8/2025	7/8/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	8/7/2025	7/7/2025	7/7/2025	7/7/2025
Lab Sample ID:					JE14894-4	JE14894-5	JE14894-1	JE14894-2	JE14764-5	JE14764-6	JE14670-21	JE14670-22	JE14764-2	JE14764-3	JE14670-10	JE14670-11	JE14670-12	JE14670-13	JE14670-14	JE14764-1	JE14670-20	JE14670-17	JE14670-18
Volatile Organic Compounds by EPA Method 8260 in mg/Kg																							
1,1,1-Trichloroethane	71-55-6	0.68	100	N/A	0.0006 U	0.00064 U	0.001 U	0.00084 U	0.00086 U	0.00062 U	0.00061 U	0.0006 U	0.00044 U	0.00091 U	0.00063 U	0.00034 U	0.00067 U	0.00044 U	0.0008 U	0.00068 U	0.00058 U	0.00054 U	0.00047 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	N/A	0.0008 U	0.00079 U	0.0013 U	0.001 U	0.0011 U	0.00076 U	0.00075 U	0.00074 U	0.00054 U	0.0011 U	0.00078 U	0.00042 U	0.00082 U	0.00055 U	0.00099 U	0.00084 U	0.00072 U	0.00067 U	0.00058 U
1,1,2-Trichloroethane	79-00-5	NS	NS	N/A	0.0007 U	0.00073 U	0.0012 U	0.00097 U	0.00099 U	0.00071 U	0.0007 U	0.00068 U	0.0005 U	0.001 U	0.00072 U	0.00039 U	0.00076 U	0.00051 U	0.00091 U	0.00078 U	0.00066 U	0.00062 U	0.00054 U
1,1-Dichloroethane	75-34-3	0.27	26	N/A	0.0006 U	0.00065 U	0.001 U	0.00086 U	0.00088 U	0.00063 U	0.00062 U	0.00061 U	0.00045 U	0.00093 U	0.00065 U	0.00035 U	0.00068 U	0.00046 U	0.00082 U	0.00069 U	0.00059 U	0.00055 U	0.00048 U
1,1-Dichloroethene	75-35-4	0.33	100	N/A	0.0008 U	0.00086 U	0.0014 U	0.0011 U	0.0012 U	0.00084 U	0.00082 U	0.00081 U	0.00059 U	0.0012 U	0.00086 U	0.00046 U	0.0009 U	0.0006 U	0.0011 U	0.00092 U	0.00078 U	0.00073 U	0.00063 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	N/A	0.0032 U	0.0033 U	0.0053 U	0.0044 U	0.0045 U	0.0032 U	0.0031 U	0.0031 U	0.0023 U	0.0047 U	0.0033 U	0.0018 U	0.0034 U	0.0023 U	0.0041 U	0.0035 U	0.003 U	0.0028 U	0.0024 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	N/A	0.0032 U	0.0033 U	0.0053 U	0.0044 U	0.0045 U	0.0032 U	0.0031 U	0.0031 U	0.0023 U	0.0047 U	0.0033 U	0.0018 U	0.0034 U	0.0023 U	0.0041 U	0.0035 U	0.003 U	0.0028 U	0.0024 U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	N/A	0.0006 U	0.00066 U	0.0011 U	0.00087 U	0.00089 U	0.00064 U	0.00063 U	0.00062 U	0.00045 U	0.00094 U	0.00065 U	0.00035 U	0.00069 U	0.00046 U	0.00083 U	0.0007 U	0.0006 U	0.00056 U	0.00048 U
1,2-Dibromo-3-chloropropane	96-12-8	NS	NS	N/A	0.0009 U	0.00091 U	0.0015 U	0.0012 U	0.0012 U	0.00089 U	0.00087 U	0.00086 U	0.00063 U	0.0013 U	0.00091 U	0.00049 U	0.00096 U	0.00064 U	0.0011 U	0.00097 U	0.00083 U	0.00078 U	0.00067 U
1,2-Dibromoethane	106-93-4	NS	NS	N/A	0.0005 U	0.00055 U	0.00089 U	0.00073 U	0.00075 U	0.00054 U	0.00053 U	0.00052 U	0.00038 U	0.00079 U	0.00055 U	0.0003 U	0.00058 U	0.00039 U	0.00069 U	0.00059 U	0.0005 U	0.00047 U	0.00041 U
1,2-Dichlorobenzene	95-50-1	1.1	100	N/A	0.0007 U	0.00072 U	0.0011 U	0.00095 U	0.00097 U	0.0007 U	0.00069 U	0.00067 U	0.0005 U	0.001 U	0.00071 U	0.00039 U	0.00075 U	0.0005 U	0.0009 U	0.00077 U	0.00065 U	0.00061 U	0.00053 U
1,2-Dichloroethane	107-06-2	0.02	3.1	N/A	0.0006 U	0.00062 U	0.00099 U	0.00082 U	0.00084 U	0.0006 U	0.00059 U	0.00058 U	0.00043 U	0.00089 U	0.00061 U	0.00033 U	0.00065 U	0.00043 U	0.00078 U	0.00066 U	0.00056 U	0.00053 U	0.00045 U
1,2-Dichloropropane	78-87-5	NS	NS	N/A	0.0006 U	0.00062 U	0.001 U	0.00082 U	0.00084 U	0.0006 U	0.0006 U	0.00058 U	0.00043 U	0.00089 U	0.00062 U	0.00033 U	0.00065 U	0.00043 U	0.00078 U	0.00066 U	0.00057 U	0.00053 U	0.00046 U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	N/A	0.0006 U	0.00057 U	0.00091 U	0.00075 U	0.00077 U	0.00055 U	0.00054 U	0.00053 U	0.00039 U	0.00081 U	0.00056 U	0.0003 U	0.00059 U	0.0004 U	0.00071 U	0.0006 U	0.00052 U	0.00048 U	0.00042 U
1,3-Dichlorobenzene	541-73-1	2.4	49	N/A	0.0006 U	0.00065 U	0.001 U	0.00086 U	0.00088 U	0.00063 U	0.00062 U	0.00061 U	0.00045 U	0.00094 U	0.00065 U	0.00035 U	0.00068 U	0.00046 U	0.00082 U	0.0007 U	0.00059 U	0.00055 U	0.00048 U
1,4-Dichlorobenzene	106-46-7	1.8	13	N/A	0.0006 U	0.00065 U	0.001 U	0.00086 U	0.00088 U	0.00063 U	0.00062 U	0.00061 U	0.00045 U	0.00093 U	0.00065 U	0.00035 U	0.00068 U	0.00045 U	0.00082 U	0.00069 U	0.00059 U	0.00055 U	0.00048 U
2-Butanone	78-93-3	0.12	100	N/A	0.0043 J	0.0147	0.0053 J	0.0042 U	0.0043 U	0.0205	0.0031 U	0.0091 J	0.0022 U	0.0089 J	0.0032 U	0.0017 U	0.005 J	0.005 J	0.004 U	0.0239	0.0098 J	0.0027 U	0.0053 J
2-Hexanone	591-78-6	NS	NS	N/A	0.0027 U	0.0028 U	0.0045 U	0.0037 U	0.0038 U	0.0027 U	0.0027 U	0.0026 U	0.0019 U	0.004 U	0.0028 U	0.0015 U	0.0029 U	0.0019 U	0.0035 U	0.003 U	0.0025 U	0.0024 U	0.002 U
4-Methyl-2-pentanone	108-10-1	NS	NS	N/A	0.0029 U	0.003 U	0.0048 U	0.004 U	0.004 U	0.0029 U	0.0029 U	0.0028 U	0.0021 U	0.0043 U	0.003 U	0.0016 U	0.0031 U	0.0021 U	0.0037 U	0.0032 U	0.0027 U	0.0025 U	0.0022 U
Acetone	67-64-1	0.05	100	N/A	0.0360	0.0801	0.0478	0.0115 J	0.0074 U	0.0734	0.0052 U	0.0627	0.0063 J	0.0496	0.0054 U	0.0092	0.0353	0.0324	0.0092 J	0.109	0.093	0.013	0.0352
Benzene	71-43-2	0.06	4.8	0.06	0.0006 U	0.0006 U	0.00096 U	0.00079 U	0.00081 U	0.00058 U	0.00057 U	0.00056 U	0.00041 U	0.00086 U	0.00059 U	0.00032 U	0.00063 U	0.00042 U	0.00075 U	0.00064 U	0.00063	0.00051 U	0.00044 U
Bromochloromethane	74-97-5	NS	NS	N/A	0.0007 U	0.00074 U	0.0012 U	0.00098 U	0.001 U	0.00071 U	0.0007 U	0.00069 U	0.00051 U	0.0011 U	0.00073 U	0.00039 U	0.00077 U	0.00051 U	0.00092 U	0.00079 U	0.00067 U	0.00063 U	0.00054 U
Bromodichloromethane	75-27-4	NS	NS	N/A	0.0006 U	0.00056 U	0.0009 U	0.00075 U	0.00076 U	0.00055 U	0.00054 U	0.00053 U	0.00039 U	0.00081 U	0.00056 U	0.0003 U	0.00059 U	0.00039 U	0.00071 U	0.0006 U	0.00051 U	0.00048 U	0.00041 U
Bromoform	75-25-2	NS	NS	N/A	0.0017 U	0.0018 U	0.0029 U	0.0024 U	0.0024 U	0.0017 U	0.0017 U	0.0017 U	0.0012 U	0.0026 U	0.0018 U	0.00096 U	0.0019 U	0.0013 U	0.0022 U	0.0019 U	0.0016 U	0.0015 U	0.0013 U
Bromomethane	74-83-9	NS	NS	N/A	0.0010 U	0.001 U	0.0016 U	0.0013 U	0.0014 U	0.00097 U	0.00096 U	0.00094 U	0.00069 U	0.0014 U	0.001 U	0.00054 U	0.0011 U	0.0007 U	0.0013 U	0.0011 U	0.00091 U	0.00085 U	0.00074 U
Carbon disulfide	75-15-0	NS	NS	N/A	0.0007 U	0.00078 J	0.0011 U	0.00093 U	0.00095 U	0.0015 J	0.00067 U	0.00066 U	0.0054	0.001 U	0.0007 U	0.00038 U	0.0204	0.00049 U	0.00088 U	0.00094 J	0.00064 U	0.0006 U	0.00052 U
Carbon tetrachloride	56-23-5	0.76	2.4	N/A	0.0008 U	0.00081 U	0.0013 U	0.0011 U	0.0011 U	0.00079 U	0.00078 U	0.00076 U	0.00056 U	0.0012 U	0.00081 U	0.00044 U	0.00085 U	0.00057 U	0.001 U	0.00087 U	0.00074 U	0.00069 U	0.0006 U
Chlorobenzene	108-90-7	1.1	100	N/A	0.0006 U	0.0006 U	0.00097 U	0.0008 U	0.00082 U	0.00059 U	0.00058 U	0.00057 U	0.00042 U	0.00087 U	0.0006 U	0.00032 U	0.00063 U	0.00042 U	0.00076 U	0.00064 U	0.00055 U	0.00051 U	0.00044 U
Chloroethane	75-00-3	NS	NS	N/A	0.0008 U	0.00078 U	0.0012 U	0.001 U	0.0011 U	0.00075 U	0.00074 U	0.00073 U	0.00054 U	0.0011 U	0.00077 U	0.00042 U	0.00081 U	0.00054 U	0.00098 U	0.00083 U	0.00071 U	0.00066 U	0.00057 U
Chloroform	67-66-3	0.37	49	N/A	0.0013 U	0.0013 U	0.0021 U	0.0017 U	0.0018 U	0.0013 U	0.0013 U	0.0012 U	0.00091 U	0.0019 U	0.0013 U	0.00071 U	0.0014 U	0.00092 U	0.0017 U	0.0014 U	0.0012 U	0.0011 U	0.00097 U
Chloromethane	74-87-3	NS	NS	N/A	0.0025 U	0.0026 U	0.0041 U	0.0034 U	0.0035 U	0.0025 U	0.0025 U	0.0024 U	0.0018 U	0.0037 U	0.0026 U	0.0014 U	0.0027 U	0.0018 U	0.0032 U	0.0028 U	0.0023 U	0.0022 U	0.0019 U
cis-1,2-Dichloroethene	156-59-2	0.25	100	N/A	0.0011 U	0.0011 U	0.0018 U	0.0015 U	0.0161	0.0011 U	0.0011 U	0.001 U	0.00076 U	0.0016 U	0.0011 U	0.00059 U	0.0012 U	0.00077 U	0.0014 U	0.0012 U	0.001 U	0.00094 U	0.00081 U
cis-1,3-Dichloropropene	10061-01-5	NS	NS	N/A	0.0006 U	0.00062 U	0.001 U	0.00083 U	0.00085 U	0.00061 U	0.0006 U	0.00059 U	0.00043 U	0.0009 U	0.00062 U	0.00034 U	0.00065 U	0.00044 U	0.00078 U	0.00067 U	0.00057 U	0.00053 U	0.00046 U
Dibromochloromethane	124-48-1	NS	NS	N/A	0.0007 U	0.00074 U	0.0012 U	0.00098 U	0.001 U	0.00071 U	0.0007 U	0.00069 U	0.00051 U	0.0011 U	0.00073 U	0.00039 U	0.00077 U	0.00051 U	0.00092 U	0.00079 U	0.00067 U	0.00063 U	0.00054 U
Dichlorodifluoromethane	75-71-8	NS	NS	N/A	0.0009 U	0.00096 U	0.0015 U	0.0013 U	0.0013 U	0.00093 U	0.00091 U	0.0009 U	0.00066 U	0.0014 U	0.00095 U	0.00051 U	0.001 U	0.00067 U	0.0012 U	0.001 U	0.00087 U	0.00081 U	0.0007 U
Ethylbenzene	100-41-4	1	41	N/A	0.0006 U	0.0006 U	0.00095 U	0.00079 U	0.00081 U	0.00058 U	0.00057 U	0.00056 U	0.00041 U	0.00085 U	0.00059 U	0.00032 U	0.00062 U	0.00042 U	0.00075 U	0.00064 U	0.00054 U	0.00051 U	0.00044 U
Isopropylbenzene	98-82-8	NS	NS	NS	0.0018 U	0.0019 U	0.003 U	0.0025 U	0.0025 U	0.0018 U	0.0018 U	0.0018 U	0.0013 U	0.0027 U	0.0019 U	0.001 U	0.002 U	0.0013 U	0.0023 U	0.002 U	0.0017 U	0.0016 U	0.0014 U
Methyl tert butyl ether	1634-04-4	0.93	100	N/A	0.0006 U	0.00062 U	0.00099 U	0.00082 U	0.00084 U	0.0006 U	0.00059 U	0.00058 U	0.00043 U	0.00088 U	0.00061 U	0.00033 U	0.00065 U	0.00043 U	0.00077 U	0.00066 U	0.00056 U	0.00052 U	0.00045 U
Methylene chloride	75-09-2	0.05	100	N/A	0.0033 U	0.0034 U	0.0055 U	0.0045 U	0.0047 U	0.0033 U	0.0033 U	0.0032 U	0.0024 U	0.0049 U	0.0034 U	0.0018 U	0.0036 U	0.0024 U	0.0043 U	0.0037 U	0.0031 U	0.0029 U	0.0025 U
n-Butylbenzene	104-51-8	12	100	N/A	0.0005 U	0.00054 U	0.00086 U	0.00071 U	0.00073 U	0.00052 U	0.00051 U	0.0005 U	0.00037 U	0.00077 U	0.00053 U	0.00029 U	0.00056 U	0.00037 U	0.00067 U	0.00057 U	0.00049 U	0.00045 U	0.00039 U
n-Propylbenzene	103-65-1	3.9	100	3.9	0.0006 U	0.00062 U	0.00099 U	0.00082 U	0.00084 U	0.0006 U	0.00059 U	0.00058 U	0.00043 U	0.00089 U	0.00061 U	0.00033 U	0.00065 U	0.00043 U	0.00078 U	0.00066 U	0.00056 U	0.00053 U	0.00045 U
Naphthalene	91-20-3	12	100	N/A	0.0032 U	0.0033 U	0.0053 U	0.0044 U	0.0045 U	0.0032 U	0.0031 U	0.0031 U	0.0023 U	0.0047 U	0.0033 U	0.0018 U	0.0034 U	0.0023 U	0.0041 U	0.0035 U	0.003 U	0.0028 U	0.0024 U
o-Xylene	95-47-6	NS	NS	N/A	0.0006 U	0.0006 U	0.00096 U	0.0008 U	0.00082 U	0.00058 U	0.00058 U	0.00057 U	0.00042 U	0.00086 U	0.0006 U	0.00032 U	0.00063 U	0.00042 U	0.00076 U	0.00064 U	0.00055 U	0.00051 U	0.00044 U
p/m-Xylene	179601-23-1	NS	NS	N/A	0.0011 U	0.0012 U	0.0019 U	0.0016 U	0.0016 U	0.0011 U	0.0011 U	0.0011 U	0.00081 U	0.0017 U	0.0012 U	0.00063 U	0.0012 U	0.00082 U	0.0015 U	0.0013 U	0.0011 U	0.001 U	0.00087 U
sec-Butylbenzene	135-98-8	11	100	N/A	0.0006 U	0.00056 U	0.0009 U	0.00075 U	0.00076 U	0.00055 U	0.00054 U	0.00053 U	0.00039 U	0.00081 U	0.00056 U	0.0003 U	0.00059 U	0.00039 U	0.00071 U	0.0006 U	0.00051 U	0.00048 U	0.00041 U
Styrene	100-42-5	NS	NS	N/A	0.0005 U	0.00053 U	0.00085 U	0.0007 U	0.00072 U	0.00051 U	0.00051 U	0.0005 U	0.00036 U	0.00076 U	0.00053 U	0.00028 U	0.00055 U	0.00037 U	0.00066 U	0.00056 U	0.00048 U	0.00045 U	0.00039 U
tert-Butylbenzene	98-06-6	5.9	100	N/A	0.0006 U	0.00066 U	0.0011 U	0.00087 U	0.00089 U	0.00064 U	0.00063 U	0.00062 U	0.00045 U	0.00094 U	0.00065 U	0.00035 U	0.00069 U	0.00046 U	0.00083 U	0.0007 U	0.0006 U	0.00056 U	0.00083 J
Tetrachloroethene	127-18-4	1.3	19	1.3	0.0007 U	0.00076 U	0.0012 U	0.001 U	0.311	0.00074 U	0.00079 J	0.00072 U	0.00053 U	0.0011 U	0.00076 U	0.0005 J	0.0008 U	0.00053 U	0.00096 U	0.0013 J	0.00069 U	0.00065 U	0.00056 U
Toluene	108-88-3	0.7	100	N/A	0.0007 U	0.00069 U	0.0011 U	0.00091 U	0.00094 U	0.00067 U	0.00066 U	0.00065 U	0.00048 U	0.00099 U	0.00069 U	0.00037 U	0.00072 U	0.00048 U	0.00087 U	0.00074 U	0.00063 U	0.00059 U	0.00051 U
trans-1,2-Dichloroethene	156-60-5	0.19	100	N/A	0.0008 U	0.0008 U	0.0013 U	0.0011 U	0.0011 U	0.00078 U	0.00077 U	0.00075 U	0.00055 U	0.0012 U	0.0008 U	0.00043 U	0.00084 U	0.00056 U	0.001 U	0.00086 U	0.00073 U	0.00068 U	0.00059 U
trans-1,3-Dichloropropene	10061-02-6	NS	NS	N/A	0.0006 U	0.0006 U	0.00096 U	0.0008 U	0.00081 U	0.00058 U	0.00058 U	0.00056 U	0.00041 U	0.00086 U	0.0006 U	0.00032 U	0.00063 U	0.00042 U	0.00075 U	0.00064 U	0.00055 U	0.00051 U	0.00044 U
Trichloroethene	79-01-6	0.47	21	N/A	0.0010 U	0.001 U	0.0016 U	0.0013 U	0.0016 J	0.00097 U	0.00096 U	0.00094 U	0.00069 U	0.0014 U	0.001 U	0.00054 U	0.001 U	0.0007 U	0.0013 U	0.0011 U	0.00091 U	0.00085 U	0.00074 U
Trichlorofluoromethane	75-69-4	NS	NS	N/A	0.0009 U	0.0009 U	0.0014 U	0.0012 U	0.0012 U	0.00087 U	0.00086 U	0.00084 U	0.00062 U	0.0013 U	0.00089 U	0.00048 U	0.00094 U	0.00063 U	0.0011 U	0.00096 U	0.00082 U	0.00076 U	0.00066 U
Vinyl chloride	75-01-4	0.02	0.9	N/A	0.0006 U	0.00063 U	0.001 U	0.00084 U	0.00086 U	0.00061 U	0.00061 U	0.00059 U	0.00044 U	0.00091 U	0.00063 U	0.00034 U	0.00066 U	0.00044 U	0.00079 U	0.00068 U	0.00058 U	0.00054 U	0.00046 U
Xylenes, Total	1330-20-7	0.26	100	N/A	0.0006 U	0.0006 U	0.00096 U	0.0008 U	0.00082 U	0.00058 U	0.00058 U	0.00057 U	0.00042 U	0.00086 U	0.0006 U	0.00032 U	0.00063 U	0.00042 U	0.00076 U	0.00064 U	0.00055 U	0.00051 U	0.00044 U

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Objective Table 375-6.8a 12/06
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of Soil Cleanup Objective Table 375-6.8b 12/06
NS - No standard
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use
Shaded text denotes concentrations exceeding NYSDEC Protection of Groundwater SCOs

Table 1
Soil VOC Analytical Data
60 Alexander Street, Yonkers, NY

Sample ID:	CAS Number	NYSDEC Soil Cleanup Objectives Unrestricted Use	NYSDEC (2) Soil Cleanup Objectives Restricted Residential Use	NYSDEC (2) Soil Cleanup Objectives Protection of Groundwater	SB019		SB020		SB021			SB022		SB023	
Sample Depth:					2'-4'	13'-15'	0'-2'	13'-15'	6'-8'	13'-15'	18'-20'	7'-9'	13'-15'	4'-6'	13'-15'
Sampling Date:					7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/9/2025	7/9/2025	7/9/2025	7/9/2025
Lab Sample ID:					JE14670-4	JE14670-5	JE14670-1	JE14670-2	JE14670-7	JE14670-8	JE14670-9	JE14894-6	JE14894-7	JE14894-9	JE14894-10
Volatile Organic Compounds by EPA Method 8260 in mg/Kg															
1,1,1-Trichloroethane	71-55-6	0.68	100	N/A	0.00056 U	0.00075 U	0.0006 U	0.00045 U	0.099 U	0.00083 U	0.00053 U	0.0011 U	0.00071 U	0.061 U	0.00045 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	N/A	0.00069 U	0.00093 U	0.00074 U	0.00056 U	0.12 U	0.001 U	0.00065 U	0.0014 U	0.00087 U	0.076 U	0.00055 U
1,1,2-Trichloroethane	79-00-5	NS	NS	N/A	0.00064 U	0.00086 U	0.00069 U	0.00052 U	0.11 U	0.00096 U	0.0006 U	0.0013 U	0.00081 U	0.07 U	0.00051 U
1,1-Dichloroethane	75-34-3	0.27	26	N/A	0.00057 U	0.00077 U	0.00061 U	0.00046 U	0.1 U	0.00085 U	0.00054 U	0.0012 U	0.00072 U	0.062 U	0.00046 U
1,1-Dichloroethene	75-35-4	0.33	100	N/A	0.00076 U	0.001 U	0.00081 U	0.00061 U	0.13 U	0.0011 U	0.00071 U	0.0016 U	0.00096 U	0.083 U	0.0006 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	N/A	0.0029 U	0.0039 U	0.0031 U	0.0023 U	0.51 U	0.0043 U	0.0027 U	0.0059 U	0.0037 U	0.32 U	0.0023 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	N/A	0.0029 U	0.0039 U	0.0031 U	0.0023 U	0.51 U	0.0043 U	0.0027 U	0.0059 U	0.0037 U	0.32 U	0.0023 U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	N/A	0.00058 U	0.00078 U	0.00062 U	0.00047 U	0.918	0.00086 U	0.00055 U	0.0234	0.00073 U	0.074 J	0.0016 J
1,2-Dibromo-3-chloropropane	96-12-8	NS	NS	N/A	0.0008 U	0.0011 U	0.00086 U	0.00065 U	0.14 U	0.0012 U	0.00076 U	0.0016 U	0.001 U	0.088 U	0.00064 U
1,2-Dibromoethane	106-93-4	NS	NS	N/A	0.00049 U	0.00065 U	0.00052 U	0.00039 U	0.086 U	0.00073 U	0.00046 U	0.001 U	0.00061 U	0.053 U	0.00039 U
1,2-Dichlorobenzene	95-50-1	1.1	100	N/A	0.00063 U	0.00085 U	0.00068 U	0.00051 U	0.11 U	0.00094 U	0.0006 U	0.0013 U	0.0008 U	0.108 J	0.0005 U
1,2-Dichloroethane	107-06-2	0.02	3.1	N/A	0.00054 U	0.00073 U	0.00058 U	0.00044 U	0.096 U	0.00081 U	0.00051 U	0.0011 U	0.00069 U	0.059 U	0.00043 U
1,2-Dichloropropane	78-87-5	NS	NS	N/A	0.00055 U	0.00073 U	0.00059 U	0.00044 U	0.097 U	0.00082 U	0.00052 U	0.0011 U	0.00069 U	0.06 U	0.00044 U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	N/A	0.0005 U	0.00067 U	0.00053 U	0.0004 U	0.248	0.00074 U	0.00047 U	0.0069	0.00063 U	0.054 U	0.00062 J
1,3-Dichlorobenzene	541-73-1	2.4	49	N/A	0.00057 U	0.00077 U	0.00061 U	0.00046 U	0.1 U	0.00086 U	0.00054 U	0.0012 U	0.00072 U	0.063 U	0.00046 U
1,4-Dichlorobenzene	106-46-7	1.8	13	N/A	0.00057 U	0.00077 U	0.00061 U	0.00046 U	0.1 U	0.00085 U	0.00054 U	0.0012 U	0.00072 U	0.062 U	0.00046 U
2-Butanone	78-93-3	0.12	100	N/A	0.0028 U	0.0038 U	0.003 U	0.0023 U	0.5 U	0.0042 U	0.0034 J	0.016 J	0.0686	0.31 U	0.0126
2-Hexanone	591-78-6	NS	NS	N/A	0.0024 U	0.0033 U	0.0026 U	0.002 U	0.43 U	0.0037 U	0.0023 U	0.005 U	0.0031 U	0.27 U	0.002 U
4-Methyl-2-pentanone	108-10-1	NS	NS	N/A	0.0026 U	0.0035 U	0.0028 U	0.0021 U	0.46 U	0.0039 U	0.0025 U	0.0054 U	0.0033 U	0.29 U	0.0021 U
Acetone	67-64-1	0.05	100	N/A	0.0048 U	0.0226	0.0051 U	0.0164	0.85 U	0.0289	0.0258	0.0728	0.208	0.52 U	0.0556
Benzene	71-43-2	0.06	4.8	0.06	0.00052 U	0.00071 U	0.00056 U	0.00042 U	1.03	0.00079 U	0.0005 U	0.0363	0.00066 U	0.063	0.0011
Bromochloromethane	74-97-5	NS	NS	N/A	0.00065 U	0.00087 U	0.00069 U	0.00052 U	0.11 U	0.00097 U	0.00061 U	0.0013 U	0.00082 U	0.071 U	0.00052 U
Bromodichloromethane	75-27-4	NS	NS	N/A	0.00049 U	0.00067 U	0.00053 U	0.0004 U	0.088 U	0.00074 U	0.00047 U	0.001 U	0.00063 U	0.054 U	0.0004 U
Bromoform	75-25-2	NS	NS	N/A	0.0016 U	0.0021 U	0.0017 U	0.0013 U	0.28 U	0.0023 U	0.0015 U	0.0032 U	0.002 U	0.17 U	0.0013 U
Bromomethane	74-83-9	NS	NS	N/A	0.00088 U	0.0012 U	0.00095 U	0.00071 U	0.16 U	0.0013 U	0.00083 U	0.0018 U	0.0011 U	0.273 J	0.0007 U
Carbon disulfide	75-15-0	NS	NS	N/A	0.00062 U	0.00083 U	0.00066 U	0.0005 U	0.11 U	0.00092 U	0.0058	0.0018 J	0.0017 J	0.067 U	0.00049 U
Carbon tetrachloride	56-23-5	0.76	2.4	N/A	0.00071 U	0.00096 U	0.00077 U	0.00058 U	0.13 U	0.0011 U	0.00067 U	0.0015 U	0.0009 U	0.078 U	0.00057 U
Chlorobenzene	108-90-7	1.1	100	N/A	0.00053 U	0.00071 U	0.00057 U	0.00043 U	0.094 U	0.00079 U	0.0005 U	0.0627	0.00067 U	0.058 U	0.00042 U
Chloroethane	75-00-3	NS	NS	N/A	0.00068 U	0.00092 U	0.00073 U	0.00055 U	0.12 U	0.001 U	0.00064 U	0.0014 U	0.00086 U	0.075 U	0.00055 U
Chloroform	67-66-3	0.37	49	N/A	0.0012 U	0.0016 U	0.0012 U	0.00093 U	0.2 U	0.0017 U	0.0011 U	0.0024 U	0.0015 U	0.13 U	0.00092 U
Chloromethane	74-87-3	NS	NS	N/A	0.0023 U	0.003 U	0.0024 U	0.0018 U	0.4 U	0.0034 U	0.0021 U	0.0047 U	0.0029 U	0.25 U	0.0018 U
cis-1,2-Dichloroethene	156-59-2	0.25	100	N/A	0.00097 U	0.0013 U	0.001 U	0.00078 U	0.17 U	0.0014 U	0.00092 U	0.002 U	0.0012 U	1.33	0.00078 U
cis-1,3-Dichloropropene	10061-01-5	NS	NS	N/A	0.00055 U	0.00074 U	0.00059 U	0.00044 U	0.097 U	0.00082 U	0.00052 U	0.0011 U	0.00069 U	0.06 U	0.00044 U
Dibromochloromethane	124-48-1	NS	NS	N/A	0.00065 U	0.00087 U	0.00069 U	0.00052 U	0.11 U	0.00097 U	0.00061 U	0.0013 U	0.00082 U	0.071 U	0.00052 U
Dichlorodifluoromethane	75-71-8	NS	NS	N/A	0.00084 U	0.0011 U	0.0009 U	0.00068 U	0.15 U	0.0013 U	0.00079 U	0.0017 U	0.0011 U	0.092 U	0.00067 U
Ethylbenzene	100-41-4	1	41	N/A	0.00052 U	0.0007 U	0.00056 U	0.00042 U	1.23	0.00078 U	0.00049 U	0.0306	0.00066 U	0.057 U	0.00042 U
Isopropylbenzene	98-82-8	NS	NS	NS	0.0016 U	0.0022 U	0.0018 U	0.0013 U	0.629	0.0025 U	0.0015 U	0.0423	0.0021 U	0.18 U	0.0013 U
Methyl tert butyl ether	1634-04-4	0.93	100	N/A	0.00054 U	0.0011 J	0.00058 U	0.00044 U	0.096 U	0.00081 U	0.00051 U	0.0011 U	0.00069 U	0.059 U	0.00043 U
Methylene chloride	75-09-2	0.05	100	N/A	0.003 U	0.0041 U	0.0032 U	0.0024 U	0.53 U	0.0045 U	0.0028 U	0.0062 U	0.0038 U	0.695	0.0024 U
n-Butylbenzene	104-51-8	12	100	N/A	0.00047 U	0.00063 U	0.0005 U	0.00038 U	0.615	0.0007 U	0.00044 U	0.0257	0.00059 U	0.051 U	0.00038 J
n-Propylbenzene	103-65-1	3.9	100	3.9	0.00054 U	0.00073 U	0.00058 U	0.00044 U	1.38	0.00081 U	0.00051 U	0.085	0.00069 U	0.059 U	0.00043 U
Naphthalene	91-20-3	12	100	N/A	0.0029 U	0.0039 U	0.0092	0.0023 U	0.937	0.0043 U	0.0027 U	0.0059 U	0.0037 U	0.32 U	0.0026 J
o-Xylene	95-47-6	NS	NS	N/A	0.00053 U	0.00071 U	0.00057 U	0.00043 U	0.514	0.00079 U	0.0005 U	0.0093	0.00067 U	0.058 U	0.00051 J
p/m-Xylene	179601-23-1	NS	NS	N/A	0.001 U	0.0014 U	0.0011 U	0.00084 U	3.51	0.0015 U	0.00098 U	0.0615	0.0013 U	0.147	0.00083 U
sec-Butylbenzene	135-98-8	11	100	N/A	0.00049 U	0.00066 U	0.00053 U	0.0004 U	0.088 U	0.00074 U	0.00047 U	0.0407	0.00063 U	0.054 U	0.00039 U
Styrene	100-42-5	NS	NS	N/A	0.00046 U	0.00062 U	0.0005 U	0.00037 U	0.082 U	0.00069 U	0.00044 U	0.00095 U	0.00059 U	0.051 U	0.00037 U
tert-Butylbenzene	98-06-6	5.9	100	N/A	0.00058 U	0.00078 U	0.00062 U	0.00047 U	0.1 U	0.00086 U	0.00055 U	0.0037	0.00073 U	0.063	0.00046 U
Tetrachloroethene	127-18-4	1.3	19	1.3	0.00067 U	0.0009 U	0.00072 U	0.00054 U	0.12 U	0.001 U	0.00063 U	0.0014 U	0.00085 U	18.9	0.00054 U
Toluene	108-88-3	0.7	100	N/A	0.00061 U	0.00082 U	0.00065 U	0.00049 U	2.4	0.00091 U	0.00057 U	0.0516	0.00077 U	0.153	0.00048 U
trans-1,2-Dichloroethene	156-60-5	0.19	100	N/A	0.0007 U	0.00095 U	0.00076 U	0.00057 U	0.13 U	0.0011 U	0.00067 U	0.0015 U	0.00089 U	0.137	0.00056 U
trans-1,3-Dichloropropene	10061-02-6	NS	NS	N/A	0.00053 U	0.00071 U	0.00057 U	0.00043 U	0.094 U	0.00079 U	0.0005 U	0.0011 U	0.00067 U	0.058 U	0.00042 U
Trichloroethene	79-01-6	0.47	21	N/A	0.00088 U	0.0012 U	0.00094 U	0.00071 U	0.16 U	0.0013 U	0.00083 U	0.0018 U	0.0011 U	14.8	0.0007 U
Trichlorofluoromethane	75-69-4	NS	NS	N/A	0.00079 U	0.0011 U	0.00085 U	0.00064 U	0.14 U	0.0012 U	0.00075 U	0.0016 U	0.001 U	0.086 U	0.00063 U
Vinyl chloride	75-01-4	0.02	0.9	N/A	0.00055 U	0.00075 U	0.0006 U	0.00045 U	0.099 U	0.00083 U	0.00052 U	0.0011 U	0.0007 U	0.061 U	0.00044 U
Xylenes, Total	1330-20-7	0.26	100	N/A	0.00053 U	0.00071 U	0.00057 U	0.00043 U	4.02	0.00079 U	0.0005 U	0.0708	0.00067 U	0.147	0.00051 J

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Objective Tal
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of Soil Cleanup Objective Table
NS - No standard
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use
Shaded text denotes concentrations exceeding NYSDEC Protection of Groundwater SCOs

Table 2
Soil SVOC Analytical Data
60 Alexander Street, Yonkers, NY

Sample ID:	CAS Number	NYSDEC (1) Soil Cleanup Objectives Unrestricted Use	NYSDEC (2) Soil Cleanup Objectives Restricted Residential Use	SB011		SB012			SB013		SB014		SB015			SB016	
Sample Depth:				6'-8'	13'-15'	2'-4'	13'-15'	18'-20'	4'-10'	13'-15'	2'-4'	13'-15'	6'-8'	13'-15'	18'-20'	4'-6'	13'-15'
Sampling Date:				7/9/2025	7/9/2025	7/9/2025	7/9/2025	7/9/2025	7/8/2025	7/8/2025	7/7/2025	7/7/2025	7/8/2025	7/8/2025	7/7/2025	7/7/2025	7/7/2025
Lab Sample ID:				JE14894-4	JE14894-5	JE14894-1	JE14894-2	JE14894-3R	JE14764-5	JE14764-6	JE14670-21	JE14670-22	JE14764-2	JE14764-3	JE14764-4R	JE14670-10	JE14670-11
Semi Volatile Organic Compounds by EPA Method 8270 in mg/Kg																	
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	0.0096 U	0.012 U	0.0096 U	0.011 U	0.013 U	0.009 U	0.01 U	0.0093 U	0.01 U	0.01 U	0.018 U	0.012 U	0.0097 U	0.01 U
1,4-Dioxane	123-91-1	0.1	13	0.025 U	0.031 U	0.025 U	0.028 U	0.034 U	0.023 U	0.026 U	0.024 U	0.027 U	0.027 U	0.048 U	0.03 U	0.025 U	0.026 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	0.028 U	0.035 U	0.028 U	0.032 U	0.038 U	0.027 U	0.03 U	0.028 U	0.03 U	0.03 U	0.054 U	0.034 U	0.029 U	0.029 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	0.023 U	0.028 U	0.023 U	0.026 U	0.03 U	0.021 U	0.024 U	0.022 U	0.024 U	0.024 U	0.043 U	0.027 U	0.023 U	0.023 U
2,4-Dichlorophenol	120-83-2	NS	NS	0.032 U	0.04 U	0.032 U	0.037 U	0.043 U	0.03 U	0.034 U	0.031 U	0.034 U	0.035 U	0.062 U	0.039 U	0.032 U	0.034 U
2,4-Dimethylphenol	105-67-9	NS	NS	0.068 U	0.082 U	0.067 U	0.076 U	0.091 U	0.063 U	0.071 U	0.065 U	0.072 U	0.072 U	0.13 U	0.082 U	0.0921 J	0.07 U
2,4-Dinitrophenol	51-28-5	NS	NS	0.14 U	0.17 U	0.14 U	0.16 U	0.19 U	0.13 U	0.15 U	0.14 U	0.15 U	0.15 U	0.27 U	0.17 U	0.14 U	0.15 U
2,4-Dinitrotoluene	121-14-2	NS	NS	0.012 U	0.014 U	0.012 U	0.013 U	0.016 U	0.011 U	0.012 U	0.011 U	0.012 U	0.013 U	0.023 U	0.014 U	0.012 U	0.012 U
2,6-Dinitrotoluene	606-20-2	NS	NS	0.019 U	0.023 U	0.019 U	0.022 U	0.026 U	0.018 U	0.02 U	0.018 U	0.02 U	0.02 U	0.036 U	0.023 U	0.019 U	0.02 U
2-Chloronaphthalene	91-58-7	NS	NS	0.009 U	0.011 U	0.009 U	0.01 U	0.012 U	0.0085 U	0.0094 U	0.0088 U	0.0096 U	0.0096 U	0.017 U	0.011 U	0.0091 U	0.0094 U
2-Chlorophenol	95-57-8	NS	NS	0.019 U	0.023 U	0.019 U	0.021 U	0.025 U	0.018 U	0.02 U	0.018 U	0.02 U	0.02 U	0.036 U	0.023 U	0.019 U	0.019 U
2-Methylnaphthalene	91-57-6	NS	NS	0.103	0.0208 J	0.0573	0.425	0.07	0.0106 J	0.136	0.0547	0.119	0.0688	0.276	0.49	0.232	0.0581
2-Methylphenol	95-48-7	0.33	100	0.024 U	0.03 U	0.024 U	0.027 U	0.032 U	0.023 U	0.025 U	0.024 U	0.026 U	0.026 U	0.0527 J	0.029 U	0.024 U	0.025 U
2-Nitroaniline	88-74-4	NS	NS	0.009 U	0.011 U	0.0089 U	0.01 U	0.012 U	0.0084 U	0.0094 U	0.0087 U	0.0095 U	0.0096 U	0.017 U	0.011 U	0.009 U	0.0093 U
2-Nitrophenol	88-75-5	NS	NS	0.025 U	0.031 U	0.025 U	0.028 U	0.034 U	0.023 U	0.026 U	0.024 U	0.027 U	0.027 U	0.048 U	0.03 U	0.025 U	0.026 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	0.032 U	0.039 U	0.031 U	0.036 U	0.042 U	0.03 U	0.033 U	0.031 U	0.034 U	0.034 U	0.061 U	0.038 U	0.032 U	0.033 U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	100	0.0709 J	0.142	0.031 U	1.1	0.522	0.029 U	0.033 U	0.03 U	0.218	0.033 U	1.21	0.158	0.123	0.0452 J
3-Nitroaniline	99-09-2	NS	NS	0.0095 U	0.012 U	0.0094 U	0.011 U	0.013 U	0.0089 U	0.0099 U	0.0092 U	0.01 U	0.01 U	0.018 U	0.012 U	0.0095 U	0.0098 U
4,6-Dinitro-o-cresol	534-52-1	NS	NS	0.041 U	0.05 U	0.04 U	0.046 U	0.054 U	0.038 U	0.042 U	0.039 U	0.043 U	0.043 U	0.078 U	0.049 U	0.041 U	0.042 U
4-Bromophenyl phenyl ether	101-55-3	NS	NS	0.015 U	0.018 U	0.015 U	0.017 U	0.02 U	0.014 U	0.015 U	0.014 U	0.016 U	0.016 U	0.028 U	0.018 U	0.015 U	0.015 U
4-Chloroaniline	106-47-8	NS	NS	0.014 U	0.017 U	0.014 U	0.015 U	0.018 U	0.013 U	0.014 U	0.013 U	0.014 U	0.015 U	0.026 U	0.017 U	0.014 U	0.014 U
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	0.012 U	0.015 U	0.012 U	0.014 U	0.016 U	0.012 U	0.013 U	0.012 U	0.013 U	0.013 U	0.024 U	0.015 U	0.012 U	0.013 U
4-Nitroaniline	100-01-6	NS	NS	0.0098 U	0.012 U	0.0098 U	0.011 U	0.013 U	0.0092 U	0.01 U	0.0095 U	0.01 U	0.01 U	0.019 U	0.012 U	0.0099 U	0.01 U
4-Nitrophenol	100-02-7	NS	NS	0.1 U	0.12 U	0.1 U	0.11 U	0.14 U	0.095 U	0.11 U	0.098 U	0.11 U	0.11 U	0.19 U	0.12 U	0.1 U	0.1 U
Acenaphthene	83-32-9	20	100	0.307	0.017 J	0.0512	0.205	0.0332 J	0.012 U	0.0389 J	0.0352 J	0.0246 J	0.014 U	0.637	0.604	0.489	0.18
Acenaphthylene	208-96-8	100	100	0.0426	0.024 U	0.159	0.324	0.0373 J	0.143	0.02 U	1.07	0.0279 J	0.0322 J	0.455	0.141	0.168	0.02 U
Acetophenone	98-86-2	NS	NS	0.0082 U	0.01 U	0.0225 J	0.0092 U	0.0415 J	0.0076 U	0.0085 U	0.0079 U	0.0086 U	0.0087 U	0.016 U	0.0099 U	0.0082 U	0.0085 U
Anthracene	120-12-7	100	100	0.788	0.028 U	0.22	0.517	0.0396 J	0.11	0.0603	0.559	0.0458	0.0512	1.23	1.07	0.703	0.0314 J
Benzo(a)anthracene	56-55-3	1	1	1.03	0.047	0.558	1.1	0.0421 J	0.01 U	0.0689	2.25	0.102	0.158	3.15	1.49	1.71	0.0179 J
Benzo(a)pyrene	50-32-8	1	1	1.09	0.0258 J	0.666	1.31	0.0277 J	0.016 U	0.0418	1.94	0.0321 J	0.118	3.42	1.22	1.65	0.018 U
Benzo(b)fluoranthene	205-99-2	1	1	1.16	0.0846	0.725	1.1	0.039 J	0.016 U	0.056	2.11	0.0747	0.189	3.79	1.42	1.86	0.017 U
Benzo(ghi)perylene	191-24-2	100	100	0.689	0.0321 J	0.545	0.727	0.025 U	0.164	0.0258 J	1.16	0.02 U	0.0829	2.05	0.639	0.998	0.02 U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	0.345	0.022 U	0.173	0.313	0.024 U	0.017 U	0.0227 J	0.606	0.019 U	0.0623	1.36	0.395	0.663	0.018 U
Biphenyl	92-52-4	NS	NS	0.0415 J	0.0124 J	0.0183 J	0.121	0.0279 J	0.0049 U	0.0392 J	0.0123 J	0.0373 J	0.0282 J	0.0923 J	0.0965	0.0372 J	0.0176 J
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	0.0081 U	0.0099 U	0.0081 U	0.0092 U	0.011 U	0.0076 U	0.0085 U	0.0079 U	0.0086 U	0.0087 U	0.016 U	0.0098 U	0.0081 U	0.0084 U
Bis(2-chloroethyl)ether	111-44-4	NS	NS	0.016 U	0.02 U	0.016 U	0.018 U	0.022 U	0.015 U	0.017 U	0.016 U	0.017 U	0.017 U	0.031 U	0.02 U	0.016 U	0.017 U
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	0.014 U	0.017 U	0.014 U	0.015 U	0.018 U	0.013 U	0.014 U	0.013 U	0.014 U	0.015 U	0.026 U	0.017 U	0.014 U	0.014 U
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	0.0089 U	0.011 U	0.0088 U	0.01 U	0.012 U	0.0083 U	0.0093 U	0.0086 U	0.0094 U	0.0095 U	0.017 U	0.011 U	0.379	0.0092 U
Butyl benzyl phthalate	85-68-7	NS	NS	0.0093 U	0.011 U	0.0092 U	0.01 U	0.012 U	0.0087 U	0.0097 U	0.009 U	0.0098 U	0.0099 U	0.018 U	0.011 U	0.0093 U	0.0096 U
Carbazole	86-74-8	NS	NS	0.145	0.0091 J	0.0575 J	0.109	0.0219 J	0.0052 U	0.0209 J	0.0383 J	0.0346 J	0.018 J	0.625	0.345	0.227	0.014 J
Chrysene	218-01-9	1	3.9	0.981	0.0939	0.547	1.15	0.061	0.011 U	0.0778	2.1	0.178	0.2	3.43	1.33	1.51	0.012 U
Di-n-butylphthalate	84-74-2	NS	NS	0.0062 U	0.0076 U	0.0062 U	0.007 U	0.0083 U	0.0058 U	0.0065 U	0.0092 J	0.0066 U	0.0066 U	0.012 U	0.0075 U	0.0156 J	0.0064 U
Di-n-octylphthalate	117-84-0	NS	NS	0.0094 U	0.012 U	0.0094 U	0.011 U	0.013 U	0.0088 U	0.0248 J	0.0092 U	0.01 U	0.01 U	0.018 U	0.011 U	0.0095 U	0.0098 U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.176	0.02 U	0.121	0.196	0.022 U	0.016 U	0.018 U	0.0856	0.018 U	0.0271 J	0.479	0.19	0.257	0.017 U
Dibenzofuran	132-64-9	7	59	0.232	0.019 U	0.0496 J	0.15	0.0302 J	0.014 U	0.0626 J	0.0267 J	0.0433 J	0.0246 J	0.368	0.402	0.29	0.016 U
Diethyl phthalate	84-66-2	NS	NS	0.0081 U	0.0099 U	0.008 U	0.0091 U	0.011 U	0.0076 U	0.0085 U	0.0078 U	0.0086 U	0.0086 U	0.015 U	0.0098 U	0.0081 U	0.0084 U
Dimethyl phthalate	131-11-3	NS	NS	0.0068 U	0.0082 U	0.0067 U	0.0076 U	0.0091 U	0.0063 U	0.0071 U	0.0065 U	0.0072 U	0.0072 U	0.013 U	0.0082 U	0.0068 U	0.007 U
Fluoranthene	206-44-0	100	100	2.59	0.176	0.888	1.54	0.14	0.016 U	0.199	3.18	0.14	0.219	8.52	3.44	4.78	0.121
Fluorene	86-73-7	30	100	0.336	0.0224 J	0.0532	0.3	0.0343 J	0.016 U	0.0485	0.1	0.0525	0.019 U	0.593	0.611	0.518	0.0887
Hexachlorobenzene	118-74-1	0.33	1.2	0.0096 U	0.012 U	0.0096 U	0.011 U	0.013 U	0.009 U	0.01 U	0.0093 U	0.01 U	0.01 U	0.018 U	0.012 U	0.0096 U	0.0099 U
Hexachlorobutadiene	87-68-3	NS	NS	0.015 U	0.019 U	0.015 U	0.017 U	0.02 U	0.014 U	0.016 U	0.015 U	0.016 U	0.016 U	0.029 U	0.018 U	0.015 U	0.016 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	0.015 U	0.018 U	0.015 U	0.017 U	0.02 U	0.014 U	0.016 U	0.015 U	0.016 U	0.016 U	0.029 U	0.018 U	0.015 U	0.016 U
Hexachloroethane	67-72-1	NS	NS	0.019 U	0.023 U	0.019 U	0.021 U	0.025 U	0.018 U	0.02 U	0.018 U	0.02 U	0.02 U	0.036 U	0.023 U	0.019 U	0.019 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.541	0.0245 J	0.387	0.52	0.024 U	0.017 U	0.019 U	0.913	0.019 U	0.067	1.67	0.538	0.814	0.018 U
Isophorone	78-59-1	NS	NS	0.0081 U	0.0099 U	0.0081 U	0.0092 U	0.011 U	0.0076 U	0.0085 U	0.0079 U	0.0086 U	0.0087 U	0.016 U	0.0098 U	0.0081 U	0.0084 U
n-Nitrosodi-n-propylamine	621-64-7	NS	NS	0.011 U	0.013 U	0.011 U	0.012 U	0.015 U	0.01 U	0.011 U	0.011 U	0.012 U	0.012 U	0.021 U	0.013 U	0.011 U	0.011 U
Naphthalene	91-20-3	12	100	0.213	0.0867	0.118	0.803	0.154	0.01 U	0.189	0.091	0.15	0.0642	1	0.66	0.296	0.12
NDPA/DPA	86-30-6	NS	NS	0.014 U	0.017 U	0.014 U	0.016 U	0.019 U	0.013 U	0.015 U	0.013 U	0.015 U	0.015 U	0.027 U	0.017 U	0.014 U	0.014 U
Nitrobenzene	98-95-3	NS	NS	0.015 U	0.018 U	0.015 U	0.017 U	0.02 U	0.014 U	0.015 U	0.014 U	0.016 U	0.016 U	0.028 U	0.018 U	0.015 U	0.015 U
p-Chloro-m-cresol	59-50-7	NS	NS	0.023 U	0.028 U	0.023 U	0.026 U	0.031 U	0.022 U	0.024 U	0.023 U	0.025 U	0.025 U	0.045 U	0.028 U	0.023 U	0.024 U
Pentachlorophenol	87-86-5	0.8	6.7	0.036 U	0.044 U	0.035 U	0.04 U	0.048 U	0.033 U	0.037 U	0.035 U	0.038 U	0.038 U	0.068 U	0.043 U	0.036 U	0.037 U
Phenanthrene	85-01-8	100	100	2.43	0.155	0.549	1.6	0.182	0.012 U	0.26	0.653	0.29	0.19	6.5	3.95	3.41	0.309
Phenol	108-95-2	0.33	100	0.02 U	0.024 U	0.02 U	0.0588 J	0.027 U	0.019 U	0.021 U	0.019 U	0.021 U	0.021 U	0.23	0.024 U	0.02 U	0.021 U
Pyrene	129-00-0	100	100	2.2	0.113	0.856	1.57	0.141	0.011 U	0.184	5.03	0.145	0.248	7.75	3.4	3.56	0.092

Notes:

(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Objective Table 375-6.8a 12/06

(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of Soil Cleanup Objective Table 375-6.8b 12/06

NS - No standard

NA - Not Analyzed

J - Estimated Value

U - The compound was not detected at the indicated concentration.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument

Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use

Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 2
Soil SVOC Analytical Data
60 Alexander Street, Yonkers, NY

Sample ID:	CAS Number	NYSDEC (1) Soil Cleanup Objectives Unrestricted Use	NYSDEC (2) Soil Cleanup Objectives Restricted Residential Use	SB017						SB018						SB019				SB020			
Sample Depth:				18'-20'	8'-10'		13'-15'		21'-23	2'-4'		4'-10'		13'-15'		2'-4'		13'-15'		0'-2'		13'-15'		6'-8'	
Sampling Date:				7/7/2025	7/7/2025		7/7/2025		7/8/2025	7/7/2025		7/7/2025		7/7/2025		7/7/2025		7/7/2025		7/7/2025		7/7/2025		7/7/2025	
Lab Sample ID:				JE14670-12	JE14670-13		JE14670-14		JE14764-1	JE14670-20		JE14670-17		JE14670-18		JE14670-4		JE14670-5		JE14670-1		JE14670-2		JE14670-7	
Semi Volatile Organic Compounds by EPA Method 8270 in mg/Kg																									
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	0.012	U	0.0094	U	0.01	U	0.011	U	0.0091	U	0.01	U	0.011	U	0.0096	U	0.011	U	0.0092	U	0.01	U	0.0094	U
1,4-Dioxane	123-91-1	0.1	13	0.032	U	0.025	U	0.026	U	0.028	U	0.024	U	0.026	U	0.028	U	0.025	U	0.03	U	0.024	U	0.027	U	0.024	U
2,4,5-Trichlorophenol	95-95-4	NS	NS	0.036	U	0.028	U	0.03	U	0.032	U	0.027	U	0.029	U	0.031	U	0.028	U	0.034	U	0.027	U	0.03	U	0.028	U
2,4,6-Trichlorophenol	88-06-2	NS	NS	0.029	U	0.022	U	0.024	U	0.026	U	0.021	U	0.023	U	0.025	U	0.022	U	0.027	U	0.022	U	0.024	U	0.022	U
2,4-Dichlorophenol	120-83-2	NS	NS	0.041	U	0.032	U	0.034	U	0.037	U	0.031	U	0.033	U	0.036	U	0.032	U	0.039	U	0.031	U	0.034	U	0.032	U
2,4-Dimethylphenol	105-67-9	NS	NS	0.085	U	0.066	U	0.071	U	0.076	U	0.064	U	0.128	J	0.074	U	0.067	U	0.081	U	0.065	U	0.072	U	0.274	
2,4-Dinitrophenol	51-28-5	NS	NS	0.18	U	0.14	U	0.15	U	0.16	U	0.13	U	0.15	U	0.16	U	0.14	U	0.17	U	0.14	U	0.15	U	0.14	U
2,4-Dinitrotoluene	121-14-2	NS	NS	0.015	U	0.012	U	0.012	U	0.013	U	0.011	U	0.012	U	0.013	U	0.012	U	0.014	U	0.011	U	0.012	U	0.011	U
2,6-Dinitrotoluene	606-20-2	NS	NS	0.024	U	0.019	U	0.02	U	0.022	U	0.018	U	0.02	U	0.021	U	0.019	U	0.023	U	0.018	U	0.02	U	0.019	U
2-Chloronaphthalene	91-58-7	NS	NS	0.011	U	0.0088	U	0.0095	U	0.01	U	0.0085	U	0.0093	U	0.0099	U	0.009	U	0.011	U	0.0087	U	0.0096	U	0.0088	U
2-Chlorophenol	95-57-8	NS	NS	0.024	U	0.018	U	0.02	U	0.021	U	0.018	U	0.019	U	0.021	U	0.019	U	0.022	U	0.018	U	0.02	U	0.018	U
2-Methylnaphthalene	91-57-6	NS	NS	0.0283	J	0.0165	J	0.0363	J	0.0097	U	0.0206	J	0.229		0.0094	U	0.0085	U	0.01	U	0.0146	J	0.0112	J	0.13	
2-Methylphenol	95-48-7	0.33	100	0.031	U	0.024	U	0.025	U	0.027	U	0.023	U	0.025	U	0.027	U	0.024	U	0.029	U	0.023	U	0.026	U	0.024	U
2-Nitroaniline	88-74-4	NS	NS	0.011	U	0.0088	U	0.0094	U	0.01	U	0.0084	U	0.0093	U	0.0098	U	0.0089	U	0.011	U	0.0086	U	0.0095	U	0.0087	U
2-Nitrophenol	88-75-5	NS	NS	0.032	U	0.025	U	0.026	U	0.028	U	0.024	U	0.026	U	0.028	U	0.025	U	0.03	U	0.024	U	0.027	U	0.024	U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	0.04	U	0.031	U	0.033	U	0.036	U	0.03	U	0.033	U	0.035	U	0.031	U	0.038	U	0.03	U	0.034	U	0.031	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	100	0.0519	J	0.031	U	0.033	U	0.035	U	0.029	U	0.032	U	0.034	U	0.031	U	0.037	U	0.03	U	0.033	U	0.03	U
3-Nitroaniline	99-09-2	NS	NS	0.012	U	0.0093	U	0.01	U	0.011	U	0.0089	U	0.0098	U	0.01	U	0.0094	U	0.011	U	0.0091	U	0.01	U	0.0093	U
4,6-Dinitro-o-cresol	534-52-1	NS	NS	0.051	U	0.04	U	0.043	U	0.046	U	0.038	U	0.042	U	0.045	U	0.04	U	0.048	U	0.039	U	0.043	U	0.04	U
4-Bromophenyl phenyl ether	101-55-3	NS	NS	0.019	U	0.014	U	0.015	U	0.017	U	0.014	U	0.015	U	0.016	U	0.015	U	0.017	U	0.014	U	0.016	U	0.014	U
4-Chloroaniline	106-47-8	NS	NS	0.017	U	0.013	U	0.014	U	0.015	U	0.013	U	0.014	U	0.015	U	0.014	U	0.016	U	0.013	U	0.014	U	0.013	U
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	0.016	U	0.012	U	0.013	U	0.014	U	0.012	U	0.013	U	0.014	U	0.012	U	0.015	U	0.012	U	0.013	U	0.012	U
4-Nitroaniline	100-01-6	NS	NS	0.012	U	0.0096	U	0.01	U	0.011	U	0.0093	U	0.01	U	0.011	U	0.0098	U	0.012	U	0.0094	U	0.01	U	0.0096	U
4-Nitrophenol	100-02-7	NS	NS	0.13	U	0.099	U	0.11	U	0.11	U	0.095	U	0.1	U	0.11	U	0.1	U	0.12	U	0.097	U	0.11	U	0.099	U
Acenaphthene	83-32-9	20	100	0.0649		0.0143	J	0.014	U	0.015	U	0.012	U	0.0554		0.0233	J	0.0233	J	0.016	U	0.013	U	0.0346	J	0.0411	
Acenaphthylene	208-96-8	100	100	0.0769		0.019	U	0.068		0.022	U	0.018	U	0.228		0.025	J	0.019	U	0.023	U	0.0213	J	0.02	U	0.019	U
Acetophenone	98-86-2	NS	NS	0.01	U	0.008	U	0.0086	U	0.0092	U	0.0077	U	0.0084	U	0.009	U	0.0081	U	0.0097	U	0.0078	U	0.0087	U	0.008	U
Anthracene	120-12-7	100	100	0.328		0.0443		0.0652		0.026	U	0.022	U	0.0684		0.0471		0.064		0.028	U	0.022	U	0.0261	J	0.0256	J
Benzo(a)anthracene	56-55-3	1	1	0.588		0.0953		0.243		0.012	U	0.0202	J	0.173		0.11		0.184		0.0339	J	0.0518		0.0581		0.0293	J
Benzo(a)pyrene	50-32-8	1	1	0.544		0.0837		0.246		0.019	U	0.0225	J	0.0894		0.118		0.191		0.0325	J	0.0597		0.0426		0.0214	J
Benzo(b)fluoranthene	205-99-2	1	1	0.537		0.116		0.3		0.019	U	0.0359	J	0.195		0.132		0.233		0.037	J	0.074		0.053		0.0269	J
Benzo(ghi)perylene	191-24-2	100	100	0.251		0.0499		0.15		0.021	U	0.0225	J	0.0643		0.0646		0.127		0.023	U	0.0486		0.0227	J	0.019	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	0.176		0.0284	J	0.0835		0.02	U	0.017	U	0.0515		0.0379	J	0.0599		0.021	U	0.0239	J	0.019	U	0.017	U
Biphenyl	92-52-4	NS	NS	0.0222	J	0.0059	J	0.0112	J	0.0059	U	0.0081	J	0.147		0.0057	U	0.0052	U	0.0062	U	0.005	U	0.0063	J	0.0306	J
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	0.01	U	0.0079	U	0.0085	U	0.0092	U	0.0077	U	0.0084	U	0.0089	U	0.0081	U	0.0097	U	0.0078	U	0.0086	U	0.0079	U
Bis(2-chloroethyl)ether	111-44-4	NS	NS	0.021	U	0.016	U	0.017	U	0.018	U	0.015	U	0.017	U	0.018	U	0.016	U	0.019	U	0.016	U	0.017	U	0.016	U
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	0.017	U	0.013	U	0.014	U	0.015	U	0.013	U	0.014	U	0.015	U	0.014	U	0.016	U	0.013	U	0.014	U	0.013	U
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	0.011	U	0.0087	U	0.0093	U	0.01	U	0.0084	U	0.0092	U	0.0098	U	0.0088	U	0.011	U	0.0113	J	0.0094	U	0.0087	U
Butyl benzyl phthalate	85-68-7	NS	NS	0.012	U	0.0091	U	0.0097	U	0.01	U	0.0087	U	0.0096	U	0.01	U	0.0092	U	0.011	U	0.0089	U	0.0098	U	0.009	U
Carbazole	86-74-8	NS	NS	0.015	J	0.0098	J	0.0246	J	0.0062	U	0.0052	U	0.0108	J	0.0189	J	0.0199	J	0.0066	U	0.0053	U	0.0062	J	0.0054	U
Chrysene	218-01-9	1	3.9	0.525		0.101		0.261		0.013	U	0.0237	J	0.244		0.122		0.178		0.0297	J	0.0583		0.0543		0.0371	
Di-n-butylphthalate	84-74-2	NS	NS	0.0078	U	0.0061	U	0.0065	U	0.007	U	0.008	J	0.0064	U	0.0068	U	0.0061	U	0.0074	U	0.0059	U	0.0066	U	0.006	U
Di-n-octylphthalate	117-84-0	NS	NS	0.012	U	0.0092	U	0.0099	U	0.011	U	0.0089	U	0.0098	U	0.01	U	0.0094	U	0.011	U	0.0091	U	0.01	U	0.0092	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.0713		0.016	U	0.0418		0.019	U	0.016	U	0.0265	J	0.018	U	0.0294	J	0.02	U	0.016	U	0.018	U	0.016	U
Dibenzofuran	132-64-9	7	59	0.0436	J	0.0174	J	0.0252	J	0.017	U	0.015	U	0.054	J	0.017	U	0.015	U	0.018	U	0.015	U	0.016	U	0.0171	J
Diethyl phthalate	84-66-2	NS	NS	0.01	U	0.0079	U	0.0085	U	0.0091	U	0.0076	U	0.0084	U	0.0089	U	0.008	U	0.0096	U	0.0077	U	0.0086	U	0.0079	U
Dimethyl phthalate	131-11-3	NS	NS	0.0085	U	0.0066	U	0.0071	U	0.0076	U	0.0064	U	0.007	U	0.0074	U	0.0067	U	0.0081	U	0.0065	U	0.0072	U	0.0066	U
Fluoranthene	206-44-0	100	100	1.19		0.221		0.474		0.019	U	0.0298	J	0.287		0.281		0.408		0.0506		0.0787		0.151		0.114	
Fluorene	86-73-7	30	100	0.101		0.0197	J	0.0219	J	0.02	U	0.016	U	0.109		0.0205	J	0.021	J	0.021	U	0.017	U	0.018	U	0.0341	J
Hexachlorobenzene	118-74-1	0.33	1.2	0.012	U	0.0094	U	0.01	U	0.011	U	0.009	U	0.0099	U	0.011	U	0.0095	U	0.011	U	0.0092	U	0.01	U	0.0094	U
Hexachlorobutadiene	87-68-3	NS	NS	0.019	U	0.015	U	0.016	U	0.017	U	0.014	U	0.016	U	0.017	U	0.015	U	0.018	U	0.015	U	0.016	U	0.015	U
Hexachlorocyclopentadiene	77-47-4	NS	NS	0.019	U	0.015	U	0.016	U	0.017	U	0.014	U	0.016	U	0.017	U	0.015	U	0.018	U	0.014	U	0.016	U	0.015	U
Hexachloroethane	67-72-1	NS	NS	0.024	U	0.018	U	0.02	U	0.021	U	0.018	U	0.019	U	0.021	U	0.019	U	0.022	U	0.018	U	0.02	U	0.018	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.205		0.04		0.128		0.02	U	0.0171	J	0.0514		0.0573		0.0982		0.021	U	0.0362		0.019	U	0.017	U
Isophorone	78-59-1	NS	NS	0.01	U	0.0079	U	0.0085	U	0.0092	U	0.0077	U	0.0084	U	0.0089	U	0.0081	U	0.0097	U	0.0078	U	0.0086	U	0.0079	U
n-Nitrosodi-n-propylamine	621-64-7	NS	NS	0.014	U	0.011	U	0.012	U	0.012	U	0.01	U	0.011	U	0.012	U	0.011	U	0.013	U	0.011	U	0.012	U	0.011	U
Naphthalene	91-20-3	12	100	0.0921		0.0289	J	0.0462		0.012	U	0.0134	J	0.152		0.0222	J	0.0113	J	0.013	U	0.0105	J	0.0702		0.348	
NDPA/DPA	86-30-6	NS	NS	0.018	U	0.014	U	0.015	U	0.016	U	0.013	U	0.014	U	0.015	U	0.014	U	0.017	U	0.013	U	0.015	U	0.014	U
Nitrobenzene	98-95-3	NS	NS	0.019	U	0.014	U	0.015	U	0.017	U	0.014	U	0.015	U	0.016	U	0.015	U	0.017	U	0.014	U	0.016	U	0.014	U
p-Chloro-m-cresol	59-50-7	NS	NS	0.029	U	0.023	U	0.024	U	0.026	U	0.022	U	0.024	U	0.026	U	0.023	U	0.028	U	0.022	U	0.025	U	0.023	U
Pentachlorophenol	87-86-5	0.8	6.7	0.045	U	0.035	U	0.037	U	0.04	U	0.034	U	0.037	U	0.039	U	0.035	U	0.042	U	0.034	U	0.038	U	0.035	U
Phenanthrene	85-01-8	100	100	0.722		0.168		0.292		0.014	U	0.0168	J	0.135		0.193		0.282		0.0192	J	0.0328	J	0.0969		0.128	
Phenol	108-95-2	0.33	100	0.025	U	0.019	U	0.021	U	0.022	U	0.019	U	0.02	U	0.022	U	0.02	U	0.024	U	0.019	U	0.021	U	0.019	U
Pyrene	129-00-0	100	100	1.15		0.206		0.441		0.014	U	0.0305	J	0.307		0.228		0.355		0.0447	J	0.088		0.143		0.104	

Notes:

(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Objecti

(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of Soil Cleanup Objective

NS - No standard

NA - Not Analyzed

J - Estimated Value

U - The compound was not detected at the indicated concentration.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument

Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use

Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 2
Soil SVOC Analytical Data
60 Alexander Street, Yonkers, NY

Sample ID:	CAS Number	NYSDEC (1) Soil Cleanup Objectives Unrestricted Use	NYSDEC (2) Soil Cleanup Objectives Restricted Residential Use	SB021		SB022				SB023		
Sample Depth:				13'-15'	18'-20'	7'-9'	13'-15'	4'-6'	13'-15'	18'-20'		
Sampling Date:				7/7/2025	7/7/2025	7/9/2025	7/9/2025	7/9/2025	7/9/2025	7/9/2025		
Lab Sample ID:				JE14670-8	JE14670-9	JE14894-6	JE14894-7	JE14894-9	JE14894-10	JE14894-11R		
Semi Volatile Organic Compounds by EPA Method 8270 in mg/Kg												
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	0.011 U	0.0096 U	0.012 U	0.011 U	0.0092 U	0.0096 U	0.013 U		
1,4-Dioxane	123-91-1	0.1	13	0.028 U	0.025 U	0.03 U	0.028 U	0.024 U	0.025 U	0.035 U		
2,4,5-Trichlorophenol	95-95-4	NS	NS	0.032 U	0.028 U	0.034 U	0.031 U	0.027 U	0.028 U	0.039 U		
2,4,6-Trichlorophenol	88-06-2	NS	NS	0.025 U	0.022 U	0.027 U	0.025 U	0.021 U	0.022 U	0.031 U		
2,4-Dichlorophenol	120-83-2	NS	NS	0.036 U	0.032 U	0.039 U	0.036 U	0.031 U	0.032 U	0.045 U		
2,4-Dimethylphenol	105-67-9	NS	NS	0.075 U	0.067 U	0.081 U	0.075 U	0.064 U	0.067 U	0.093 U		
2,4-Dinitrophenol	51-28-5	NS	NS	0.16 U	0.14 U	0.17 U	0.16 U	0.14 U	0.14 U	0.2 U		
2,4-Dinitrotoluene	121-14-2	NS	NS	0.013 U	0.012 U	0.014 U	0.013 U	0.011 U	0.012 U	0.016 U		
2,6-Dinitrotoluene	606-20-2	NS	NS	0.021 U	0.019 U	0.023 U	0.021 U	0.018 U	0.019 U	0.026 U		
2-Chloronaphthalene	91-58-7	NS	NS	0.01 U	0.009 U	0.011 U	0.01 U	0.0086 U	0.009 U	0.012 U		
2-Chlorophenol	95-57-8	NS	NS	0.021 U	0.019 U	0.023 U	0.021 U	0.018 U	0.019 U	0.026 U		
2-Methylnaphthalene	91-57-6	NS	NS	0.194	0.0085 U	1.55	0.0146 J	0.19	0.388	0.475		
2-Methylphenol	95-48-7	0.33	100	0.027 U	0.024 U	0.029 U	0.027 U	0.023 U	0.024 U	0.033 U		
2-Nitroaniline	88-74-4	NS	NS	0.01 U	0.0089 U	0.011 U	0.0099 U	0.0085 U	0.0089 U	0.012 U		
2-Nitrophenol	88-75-5	NS	NS	0.028 U	0.025 U	0.03 U	0.028 U	0.024 U	0.025 U	0.035 U		
3,3'-Dichlorobenzidine	91-94-1	NS	NS	0.035 U	0.031 U	0.038 U	0.035 U	0.03 U	0.031 U	0.044 U		
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	100	4.37	0.031 U	0.622	0.0606 J	0.03 U	0.031 U	0.0933 J		
3-Nitroaniline	99-09-2	NS	NS	0.011 U	0.0094 U	0.011 U	0.011 U	0.009 U	0.0094 U	0.013 U		
4,6-Dinitro-o-cresol	534-52-1	NS	NS	0.045 U	0.04 U	0.049 U	0.045 U	0.039 U	0.04 U	0.056 U		
4-Bromophenyl phenyl ether	101-55-3	NS	NS	0.016 U	0.015 U	0.018 U	0.016 U	0.014 U	0.015 U	0.02 U		
4-Chloroaniline	106-47-8	NS	NS	0.015 U	0.014 U	0.016 U	0.015 U	0.013 U	0.014 U	0.019 U		
4-Chlorophenyl phenyl ether	7005-72-3	NS	NS	0.014 U	0.012 U	0.015 U	0.014 U	0.012 U	0.012 U	0.017 U		
4-Nitroaniline	100-01-6	NS	NS	0.011 U	0.0098 U	0.012 U	0.011 U	0.0093 U	0.0097 U	0.014 U		
4-Nitrophenol	100-02-7	NS	NS	0.11 U	0.1 U	0.12 U	0.11 U	0.096 U	0.1 U	0.14 U		
Acenaphthene	83-32-9	20	100	0.223	0.013 U	0.42	0.241	0.052	0.276	1.31		
Acenaphthylene	208-96-8	100	100	0.0503	0.019 U	1.2	0.0279 J	1.02	0.78	0.543		
Acetophenone	98-86-2	NS	NS	0.0091 U	0.0081 U	0.0098 U	0.009 U	0.0077 U	0.0081 U	0.011 U		
Anthracene	120-12-7	100	100	0.193	0.023 U	0.802	0.0707	0.794	0.854	1.69		
Benzo(a)anthracene	56-55-3	1	1	0.185	0.011 U	1.12	0.171	1.76	1.56	2.56		
Benzo(a)pyrene	50-32-8	1	1	0.145	0.017 U	1.16	0.16	1.7	1.54	2.36		
Benzo(b)fluoranthene	205-99-2	1	1	0.204	0.017 U	1.13	0.168	1.66	1.25	2.65		
Benzo(ghi)perylene	191-24-2	100	100	0.0883	0.019 U	0.676	0.106	1.27	0.815	1.58		
Benzo(k)fluoranthene	207-08-9	0.8	3.9	0.0507	0.018 U	0.366	0.0563	0.535	0.417	0.924		
Biphenyl	92-52-4	NS	NS	0.0543 J	0.0052 U	0.17	0.0069 J	0.0324 J	0.08	0.172		
Bis(2-chloroethoxy)methane	111-91-1	NS	NS	0.009 U	0.0081 U	0.0098 U	0.009 U	0.0077 U	0.0081 U	0.011 U		
Bis(2-chloroethyl)ether	111-44-4	NS	NS	0.018 U	0.016 U	0.02 U	0.018 U	0.016 U	0.016 U	0.023 U		
Bis(2-chloroisopropyl)ether	108-60-1	NS	NS	0.015 U	0.014 U	0.016 U	0.015 U	0.013 U	0.014 U	0.019 U		
Bis(2-ethylhexyl)phthalate	117-81-7	NS	NS	0.0099 U	0.0088 U	0.011 U	0.0098 U	0.0084 U	0.0088 U	0.012 U		
Butyl benzyl phthalate	85-68-7	NS	NS	0.01 U	0.0092 U	0.011 U	0.01 U	0.0088 U	0.0092 U	0.013 U		
Carbazole	86-74-8	NS	NS	0.0842 J	0.0055 U	0.0702 J	0.0169 J	0.0428 J	0.0276 J	0.273		
Chrysene	218-01-9	1	3.9	0.21	0.012 U	1.11	0.159	1.66	1.34	2.46		
Di-n-butylphthalate	84-74-2	NS	NS	0.0069 U	0.0061 U	0.0075 U	0.0068 U	0.0185 J	0.0061 U	0.0085 U		
Di-n-octylphthalate	117-84-0	NS	NS	0.011 U	0.0094 U	0.011 U	0.01 U	0.009 U	0.0094 U	0.013 U		
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	0.0223 J	0.017 U	0.204	0.0239 J	0.317	0.184	0.4		
Dibenzofuran	132-64-9	7	59	0.151	0.015 U	0.124	0.0171 J	0.0404 J	0.0394 J	0.345		
Diethyl phthalate	84-66-2	NS	NS	0.009 U	0.008 U	0.0097 U	0.0089 U	0.0077 U	0.008 U	0.011 U		
Dimethyl phthalate	131-11-3	NS	NS	0.0075 U	0.0067 U	0.0081 U	0.0075 U	0.0064 U	0.0067 U	0.0093 U		
Fluoranthene	206-44-0	100	100	0.597	0.017 U	1.99	0.417	2.59	2.81	4.93		
Fluorene	86-73-7	30	100	0.268	0.017 U	0.722	0.0646	0.136	0.4	0.984		
Hexachlorobenzene	118-74-1	0.33	1.2	0.011 U	0.0095 U	0.012 U	0.011 U	0.0091 U	0.0095 U	0.013 U		
Hexachlorobutadiene	87-68-3	NS	NS	0.017 U	0.015 U	0.018 U	0.017 U	0.014 U	0.015 U	0.021 U		
Hexachlorocyclopentadiene	77-47-4	NS	NS	0.017 U	0.015 U	0.018 U	0.017 U	0.014 U	0.015 U	0.021 U		
Hexachloroethane	67-72-1	NS	NS	0.021 U	0.019 U	0.023 U	0.021 U	0.018 U	0.019 U	0.026 U		
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	0.0611	0.018 U	0.489	0.0798	0.822	0.504	1.2		
Isophorone	78-59-1	NS	NS	0.009 U	0.0081 U	0.0098 U	0.009 U	0.0077 U	0.0081 U	0.011 U		
n-Nitrosodi-n-propylamine	621-64-7	NS	NS	0.012 U	0.011 U	0.013 U	0.012 U	0.01 U	0.011 U	0.015 U		
Naphthalene	91-20-3	12	100	0.419	0.011 U	1.77	0.0485	0.19	0.711	0.878		
NDPA/DPA	86-30-6	NS	NS	0.015 U	0.014 U	0.017 U	0.015 U	0.013 U	0.014 U	0.019 U		
Nitrobenzene	98-95-3	NS	NS	0.016 U	0.015 U	0.018 U	0.016 U	0.014 U	0.015 U	0.02 U		
p-Chloro-m-cresol	59-50-7	NS	NS	0.026 U	0.023 U	0.028 U	0.026 U	0.022 U	0.023 U	0.032 U		
Pentachlorophenol	87-86-5	0.8	6.7	0.04 U	0.035 U	0.043 U	0.039 U	0.034 U	0.035 U	0.049 U		
Phenanthrene	85-01-8	100	100	1.04	0.013 U	1.69	0.276	0.943	2.17	4.24		
Phenol	108-95-2	0.33	100	0.206	0.02 U	0.0627 J	0.022 U	0.019 U	0.02 U	0.027 U		
Pyrene	129-00-0	100	100	0.543	0.012 U	2.33	0.344	3.48	4.32	4.84		

Notes:

(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Objecti

(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of Soil Cleanup Objective

NS - No standard

NA - Not Analyzed

J - Estimated Value

U - The compound was not detected at the indicated concentration.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument

Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use

Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 3
Soil Metal Analytical Data
60 Alexander Street, Yonkers, NY

Sample ID:	CAS Number	NYSDEC (1) Soil Cleanup Objectives Unrestricted Use	NYSDEC (2) Soil Cleanup Objectives Restricted	SB011		SB012			SB013		SB014		SB015			SB016			SB017			SB018	
Sample Depth:				6'-8'	13'-15'	2'-4'	13'-15'	18'-20'	4'-10'	13'-15'	2'-4'	13'-15'	6'-8'	13'-15'	18'-20'	4'-6'	13'-15'	18'-20'	8'-10'	13'-15'	21'-23	2'-4'	4'-10'
Sampling Date:				7/9/2025	7/9/2025	7/9/2025	7/9/2025	7/9/2025	7/8/2025	7/8/2025	7/7/2025	7/7/2025	7/8/2025	7/8/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/8/2025	7/7/2025	7/7/2025
Lab Sample ID:				JE14894-4	JE14894-5	JE14894-1	JE14894-2	JE14894-3R	JE14764-5	JE14764-6	JE14670-21	JE14670-22	JE14764-2	JE14764-3	JE14764-4R	JE14670-10	JE14670-11	JE14670-12	JE14670-13	JE14670-14	JE14764-1	JE14670-20	JE14670-17
Total Metals by USEPA Method 6010C in mg/Kg																							
Aluminum, Total	7429-90-5	NS	NS	4,590	4,830	2,630	6,870	4,680	1,770	1,900	5,210	7,260	1,300	8,430	8,200	5,800	4,040	11,200	5,060	3,720	1,560	6,380	2,520
Antimony, Total	7440-36-0	NS	NS	2.1 U	2.8 U	11 U	23.7	3 U	2.2 U	2.3 U	4.4 U	2.4 U	2.4 U	4.2 U	2.8 U	2.4 U	12 U	3 U	1.6 U	4.9	2.6 U	3.1	2.3 U
Arsenic, Total	7440-38-2	13	16	4.2	39.6	8.1	11.6	6.1	2.2 U	15.9	10.1	2.4 U	24.1	17.2	8.8	10.4	4.9	15	2	11.2	2.6 U	7.9	3.5
Barium, Total	7440-39-3	350	400	34.4	115	30.3	98.9	57.3	22 U	29.8	81.5	44.2	47.3	421	108	59.3	33.3	33.9	38.8	32.6	26 U	73.1	40.6
Beryllium, Total	7440-41-7	7.2	72	0.27	0.48	0.22 U	0.41	0.3	0.22 U	0.25	0.28	0.37	0.37	0.61	0.34	0.29	0.24 U	0.59	0.16	0.26	0.26 U	0.49	0.23 U
Cadmium, Total	7440-43-9	2.5	4.3	0.54 U	0.7 U	2.7 U	3.6 U	0.75 U	0.54 U	0.57 U	0.83	0.61 U	0.61 U	6.7	0.69 U	0.59 U	0.61 U	0.74 U	0.39 U	0.6 U	0.66 U	1.1	0.59 U
Calcium, Total	7440-70-2	NS	NS	22,600	2,920	540 U	7,140	6,500	17,100	3,430	4,360	1,060	1,990	28,200	4,560	6,560	3,860	3,980	5,820	15,200	660 U	2,760	927
Chromium, Total[3]	7440-47-3	30	180	10	16.6	15.2	17.3	15.8	4.6	8.6	15.3	9.2	9.5	22.6	16.5	15.7	16.9	25.5	16.1	15.6	3.9	15.3	5.2
Cobalt, Total	7440-48-4	NS	NS	5.4 U	7 U	5.4 U	10	7.5 U	5.4 U	5.7 U	6.7	6.1 U	6.1 U	11 U	6.9 U	5.9 U	11.5	9.6	4.8	6 U	6.6 U	6	5.9 U
Copper, Total	7440-50-8	50	270	28.7	74.3	211	109	96.4	8.1	40.3	232	23.3	77.2	385	155	57.3	21	33.2	32.2	46.5	3.3 U	1,510	38.2
Iron, Total	7439-89-6	NS	NS	10,100	15,300	59,600	54,100	22,900	3,860	6,970	29,300	16,600	3,810	34,400	16,600	11,900	54,900	21,500	11,000	16,000	2,900	14,100	6,010
Lead, Total	7439-92-1	63	400	31	268	105	397	204	8.8	90.6	357	12.9	116	1,450	1,090	216	11.3	77.8	25.2	247	2.6 U	205	48.6
Magnesium, Total	7439-95-4	NS	NS	11,500	1,060	540 U	3,010	2,910	1,190	948	2,750	1,860	610 U	4,060	2,510	2,750	1,010	5,380	3,620	9,390	894	2,510	720
Manganese, Total	7439-96-5	1,600	2,000	204	402	183	658	896	58.2	84.2	381	249	34	354	180	190	1,730	273	244	93.1	35.3	135	45.3
Mercury, Toal	7439-97-6	0.18	0.81	0.37	11	0.33	0.27	2.8	0.031 U	0.39	1.9	0.11	3.2	3.1	5.7	14.3	0.052	0.4	0.38	0.44	0.039 U	0.1	0.32
Nickel, Total	7440-02-0	30	310	10.5	17	10.1	20.4	12	7.3	14.9	19.2	10	10	21.1	13.3	12.4	35.8	22	17.2	13.5	5.3 U	22.1	11.9
Potassium, Total	7440-09-7	NS	NS	1,100 U	1,400 U	1,100 U	1,400 U	1,500 U	1,100 U	1,100 U	1,100 U	1,200 U	1,200 U	2,100 U	1,400 U	1,200 U	1,200 U	1,640	942	1,200 U	1,300 U	1,240	1,200 U
Selenium, Total	7782-49-2	3.9	180	2 U	19	11 U	14 U	3 U	2 U	2 U	4 U	2 U	2 U	4 U	3 U	2 U	12 U	3 U	2 U	2 U	3 U	2 U	2 U
Silver, Total	7440-22-4	2	180	0.54 U	0.7 U	2.7 U	3.6 U	1.4	0.54 U	0.57 U	1.1 U	0.61 U	0.61 U	1.1 U	0.69 U	0.59 U	3.1 U	0.74 U	0.39 U	0.6 U	0.66 U	0.54 U	0.59 U
Sodium, Total	7440-23-5	NS	NS	1,100 U	1,400 U	1,100 U	1,400 U	1,500 U	1,100 U	1,100 U	1,100 U	1,200 U	1,200 U	2,100 U	1,400 U	1,200 U	1,200 U	1,500 U	780 U	1,200 U	1,300 U	1,100 U	1,200 U
Thallium, Total	7440-28-0	NS	NS	1.1 U	1.4 U	5.4 U	7.1 U	1.5 U	1.1 U	1.1 U	2.2 U	1.2 U	1.2 U	2.1 U	1.4 U	1.2 U	6.1 U	1.5 U	0.78 U	1.2 U	1.3 U	1.1 U	1.2 U
Vanadium, Total	7440-62-2	NS	NS	17.3	30.4	29.9	23.9	28.2	5.5	12.4	20.3	16.1	11.5	28.5	22.5	19.1	33.4	23.2	17.2	14.2	6.6 U	26.7	8.6
Zinc, Total	7440-66-6	109	10,000	91.7	116	146	401	157	27.5	48.9	306	38.2	131	2,750	181	106	23.9	99	26.4	172	20 U	336	45.8
Chromium by USEPA method 6010C in mg/kg																							
Chromium, Hexavalent	18540-29-9	1	110	0.46 U	0.54 U	0.44 U	0.56 U	NA	0.43 U	0.47 U	0.43 U	0.48 U	0.52	0.88 U	NA	0.46 U	0.5 U	0.56 U	0.45 U	0.87	0.51 U	0.43 U	0.48 U

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Objective Table 375-6.8a 12/06
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of Soil Cleanup Objective Table 375-6.8b 12/06
(3) SCOs for Chromium, Total are listed as the SCOs for Chromium, Trivalent
NS - No standard
NA - Not Analyzed
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 3
Soil Metal Analytical Data
60 Alexander Street, Yonkers, NY

Sample ID:	CAS Number	NYSDEC (1) Soil Cleanup Objectives Unrestricted Use	NYSDEC (2) Soil Cleanup Objectives Restricted	SB019			SB020			SB021			SB022		SB023		
Sample Depth:				13'-15'	2'-4'	13'-15'	18'-20'	0'-2'	13'-15'	18'-20'	6'-8'	13'-15'	18'-20'	7'-9'	13'-15'	4'-6'	13'-15'	18'-20'
Sampling Date:				7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/9/2025	7/9/2025	7/9/2025	7/9/2025	7/9/2025
Lab Sample ID:				JE14670-18	JE14670-4	JE14670-5	JE14670-6R	JE14670-1	JE14670-2	JE14670-3R	JE14670-7	JE14670-8	JE14670-9	JE14894-6	JE14894-7	JE14894-9	JE14894-10	JE14894-11R
Total Metals by USEPA Method 6010C in mg/Kg																		
Aluminum, Total	7429-90-5	NS	NS	8,870	12,500	8,170	4,100	7,740	2,180	3,670	5,690	6,600	7,700	8,910	3,620	3,350	6,490	3,880
Antimony, Total	7440-36-0	NS	NS	2.5 U	2.2 U	2.8 U	2.5 U	2.2 U	2.5 U	3.1 U	35.3	2.6 U	2.3 U	2.5 U	2.7 U	11 U	2.2 U	3.2 U
Arsenic, Total	7440-38-2	13	16	2.5 U	4.1	16.8	2.8	2.7	4.7	6.8	8.6	4.7	6.1	6.5	2.7 U	18.4	3.2	7.1
Barium, Total	7440-39-3	350	400	70.9	70.1	350	25 U	50.4	48.2	63.5	36.8	66.3	23 U	45.2	60.4	105	57.6	37.7
Beryllium, Total	7440-41-7	7.2	72	0.36	0.34	0.77	0.25 U	0.29	0.26	0.39	0.23 U	0.26 U	0.45	0.43	0.27 U	0.28	0.26	0.32 U
Cadmium, Total	7440-43-9	2.5	4.3	0.64 U	0.55 U	1.2	0.63 U	0.56 U	0.61 U	0.78 U	0.6	0.65 U	0.57 U	0.64 U	0.67 U	3.4	0.55 U	0.79 U
Calcium, Total	7440-70-2	NS	NS	1,670	5,190	3,460	1,030	35,100	2,220	1,770	11,000	14,000	1,970	12,900	38,400	2,540	5,890	7,910
Chromium, Total[3]	7440-47-3	30	180	15	20.2	13.7	10.7	17.3	5.7	7.3	16.5	13.5	14.4	20.3	7.9	207	22.1	8.2
Cobalt, Total	7440-48-4	NS	NS	8.2	9.3	11.1	6.3 U	5.6 U	6.1 U	7.8 U	9.6	6.5 U	6.9	8	6.7 U	6.6	6.1	7.9 U
Copper, Total	7440-50-8	50	270	22.5	47.3	66.1	5.5	34.1	24.9	26.2	15,000	134	8.7	43.6	12.9	6,900	25.8	51.4
Iron, Total	7439-89-6	NS	NS	14,200	16,800	7,830	9,630	11,700	4,960	5,630	35,400	24,700	18,500	25,100	11,400	47,800	12,400	13,700
Lead, Total	7439-92-1	63	400	8.5	193	1,950	4.1	42.9	168	80.3	422	495	7.2	114	225	944	31.1	139
Magnesium, Total	7439-95-4	NS	NS	4,210	4,830	690 U	2,040	9,710	610 U	780 U	6,870	5,540	4,120	8,110	7,590	1,350	2,920	3,690
Manganese, Total	7439-96-5	1,600	2,000	272	258	107	145	261	56	95.1	340	288	460	501	397	340	294	77.8
Mercury, Toal	7439-97-6	0.18	0.81	0.15	0.36	0.37	0.038 U	0.055	0.057	0.35	0.087	0.67	0.031 U	0.16	0.17	1.2	0.16	0.13
Nickel, Total	7440-02-0	30	310	25	27.8	22.3	7.8	13.2	9.5	14.4	60.6	15	15.6	18	8.5	43.1	16.2	11.7
Potassium, Total	7440-09-7	NS	NS	1,300 U	1,100 U	1,400 U	1,300 U	1,100 U	1,200 U	1,600 U	1,200 U	1,300 U	1,330	1,300 U	1,300 U	1,100 U	1,100 U	1,600 U
Selenium, Total	7782-49-2	3.9	180	3 U	2 U	4	3 U	2 U	3 U	3 U	12 U	3 U	2 U	3 U	3 U	28	2 U	3 U
Silver, Total	7440-22-4	2	180	0.64 U	0.55 U	0.69 U	0.63 U	0.56 U	0.61 U	0.78 U	12 U	0.65 U	0.57 U	0.64 U	0.67 U	2.8	0.55 U	0.79 U
Sodium, Total	7440-23-5	NS	NS	1,300 U	1,100 U	1,400 U	1,300 U	1,100 U	1,200 U	1,600 U	1,200 U	1,300 U	1,100 U	1,300 U	1,300 U	1,100 U	1,100 U	1,600 U
Thallium, Total	7440-28-0	NS	NS	1.3 U	1.1 U	1.4 U	1.3 U	1.1 U	1.2 U	1.6 U	5.8 U	1.3 U	1.1 U	1.3 U	1.3 U	5.3 U	1.1 U	1.6 U
Vanadium, Total	7440-62-2	NS	NS	22.8	31.9	44.8	10.2	22.6	10.9	19.6	24.1	21	16.3	22.8	10.3	14.6	19.4	13.1
Zinc, Total	7440-66-6	109	10,000	31	95	443	30.2	49	69.1	41.6	452	155	46.5	57.3	57.9	1,100	35.3	115
Chromium by USEPA method 6010C in mg/kg																		
Chromium, Hexavalent	18540-29-9	1	110	0.5 U	0.88	0.75	NA	0.74	0.48 U	NA	0.45 U	0.53 U	0.46 U	0.53 U	0.51 U	0.44 U	0.47 U	NA

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of
(3) SCOs for Chromium, Total are listed as the SCOs for Chromium, Trivalent
NS - No standard
NA - Not Analyzed
J - Estimated Value
U - The compound was not detected at the indicated concentration.
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Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 4
Soil PCB, Pesticide, and General Chemistry Analytical Data
60 Alexander Street, Yonkers, NY

Sample ID:		NYSDEC (1) Soil Cleanup Objectives Unrestricted Use	NYSDEC (2) Soil Cleanup Objectives Restricted Residential Use	SB011		SB012		SB013		SB014		SB015		SB016			SB017			SB018		
Sample Depth:	CAS Number			6'-8'	13'-15'	2'-4'	13'-15'	4'-10'	13'-15'	2'-4'	13'-15'	6'-8'	13'-15'	4'-6'	13'-15'	18'-20'	8'-10'	13'-15'	21'-23	2'-4'	4'-10'	13'-15'
Sampling Date:				7/9/2025	7/9/2025	7/9/2025	7/9/2025	7/8/2025	7/8/2025	7/7/2025	7/7/2025	7/8/2025	7/8/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/8/2025	7/7/2025	7/7/2025	7/7/2025
Lab Sample ID:				JE14894-4	JE14894-5	JE14894-1	JE14894-2	JE14764-5	JE14764-6	JE14670-21	JE14670-22	JE14764-2	JE14764-3	JE14670-10	JE14670-11	JE14670-12	JE14670-13	JE14670-14	JE14764-1	JE14670-20	JE14670-17	JE14670-18
Method: 8081B - Organochlorine Pesticides (GC) - (mg/kg)																						
4,4'-DDD	72-54-8	0.0033	13	0.0007 U	0.00084 U	0.00069 U	0.00082 U	0.0056	0.000048 U	0.00062 U	0.00073 U	0.000051 U	0.000088 U	0.0007 U	0.00073 U	0.00088 U	0.00067 U	0.00071 U	0.000054 U	0.0033 U	0.00072 U	0.00077 U
4,4'-DDE	72-55-9	0.0033	8.9	0.00067 U	0.0008 U	0.00066 U	0.00078 U	0.000048 U	0.000054 U	0.00059 U	0.00069 U	0.000058 U	0.0001 U	0.00067 U	0.0007 U	0.00084 U	0.00064 U	0.00068 U	0.000062 U	0.0031 U	0.00069 U	0.00073 U
4,4'-DDT	50-29-3	0.0033	7.9	0.00067 U	0.00081 U	0.00066 U	0.00079 U	0.0029	0.000079 U	0.0025	0.0007 U	0.000085 U	0.00015 U	0.00067 U	0.00071 U	0.00085 U	0.00065 U	0.00069 U	0.000091 U	0.007	0.0023	0.00074 U
Aldrin	309-00-2	0.005	0.097	0.00063 U	0.00076 U	0.00062 U	0.00074 U	0.00041	0.000088 U	0.00055 U	0.00065 U	0.000095 U	0.00016 U	0.00063 U	0.00066 U	0.00079 U	0.0006 U	0.00064 U	0.0001 U	0.003 U	0.00065 U	0.00069 U
Alpha-BHC	319-84-6	0.02	0.48	0.00062 U	0.00075 U	0.00061 U	0.00073 U	0.000046 U	0.000052 U	0.00055 U	0.00064 U	0.00037 J	0.000097 U	0.00062 U	0.00065 U	0.00078 U	0.00059 U	0.00063 U	0.000059 U	0.0029 U	0.00064 U	0.00068 U
Beta-BHC	319-85-7	0.036	0.36	0.00069 U	0.00083 U	0.00068 U	0.00081 U	0.000059 U	0.000066 U	0.00061 U	0.00072 U	0.00007 U	0.00012 U	0.00069 U	0.00072 U	0.00087 U	0.00066 U	0.0007 U	0.000075 U	0.0032 U	0.00071 U	0.00076 U
cis-Chlordane	5103-71-9	0.094	4.2	0.00061 U	0.00074 U	0.0006 U	0.00072 U	0.000054 U	0.000061 U	0.00054 U	0.00064 U	0.000066 U	0.00011 U	0.00061 U	0.00065 U	0.00078 U	0.0023	0.00063 U	0.00007 U	0.0029 U	0.00063 U	0.00068 U
Delta-BHC	319-86-8	0.04	100	0.00073 U	0.00088 U	0.00072 U	0.00086 U	0.00032 J	0.000068 U	0.00064 U	0.00076 U	0.000073 U	0.00013 U	0.00073 U	0.00077 U	0.00092 U	0.0007 U	0.00075 U	0.000078 U	0.0034 U	0.00075 U	0.0008 U
Dieldrin	60-57-1	0.005	0.2	0.00052 U	0.00063 U	0.00051 U	0.00061 U	0.0028	0.000072 U	0.0017	0.00054 U	0.000078 U	0.00013 U	0.00052 U	0.00055 U	0.00066 U	0.0005 U	0.00053 U	0.000083 U	0.0035 J	0.0012	0.00058 U
Endosulfan I	959-98-8	2.4	24	0.00044 U	0.00053 U	0.00043 U	0.00051 U	0.000054 U	0.000061 U	0.00039 U	0.00046 U	0.000066 U	0.00011 U	0.00044 U	0.00046 U	0.00055 U	0.00042 U	0.00045 U	0.00007 U	0.0021 U	0.00045 U	0.00048 U
Endosulfan II	33213-65-9	2.4	24	0.00047 U	0.00057 U	0.00047 U	0.00056 U	0.000057 U	0.000063 U	0.00042 U	0.00049 U	0.000068 U	0.00012 U	0.00047 U	0.0005 U	0.0006 U	0.00046 U	0.00049 U	0.000072 U	0.0022 U	0.00049 U	0.00052 U
Endosulfan sulfate	1031-07-8	2.4	24	0.00059 U	0.00072 U	0.00058 U	0.0007 U	0.0013	0.000054 U	0.00052 U	0.00062 U	0.00058 U	0.0001 U	0.00059 U	0.00062 U	0.00075 U	0.00057 U	0.00061 U	0.000062 U	0.0041	0.00061 U	0.00065 U
Endrin	72-20-8	0	11	0.00059 U	0.00071 U	0.00058 U	0.00069 U	0.000059 U	0.000066 U	0.0091	0.00061 U	0.00007 U	0.00012 U	0.00059 U	0.00062 U	0.00075 U	0.00057 U	0.0006 U	0.000075 U	0.0028 U	0.00061 U	0.00065 U
Endrin aldehyde	7421-93-4	NS	NS	0.00043 U	0.00052 U	0.00042 U	0.00051 U	0.013	0.00013 U	0.00038 U	0.00045 U	0.00014 U	0.00024 U	0.00043 U	0.00045 U	0.00054 U	0.00041 U	0.00044 U	0.00015 U	0.002 U	0.00044 U	0.00047 U
Endrin ketone	53494-70-5	NS	NS	0.00055 U	0.00066 U	0.00054 U	0.00065 U	0.000065 U	0.000072 U	0.00049 U	0.00057 U	0.000078 U	0.00013 U	0.00055 U	0.00058 U	0.00069 U	0.00053 U	0.00056 U	0.000083 U	0.0026 U	0.00057 U	0.00061 U
Heptachlor	76-44-8	0.042	2.1	0.00066 U	0.00079 U	0.00064 U	0.00077 U	0.000052 U	0.000059 U	0.00058 U	0.00068 U	0.000063 U	0.00011 U	0.00066 U	0.00069 U	0.00083 U	0.00063 U	0.00067 U	0.000067 U	0.0031 U	0.00068 U	0.00072 U
Heptachlor epoxide	1024-57-3	NS	NS	0.00053 U	0.00064 U	0.00052 U	0.00063 U	0.00039 J	0.000081 U	0.00047 U	0.00055 U	0.000087 U	0.00015 U	0.00053 U	0.00056 U	0.00067 U	0.00051 U	0.00055 U	0.000093 U	0.0025 U	0.00055 U	0.00059 U
Lindane	58-89-9	0.1	1.3	0.00056 U	0.00068 U	0.00055 U	0.00066 U	0.00045	0.000079 U	0.00049 U	0.00058 U	0.00029 J	0.00015 U	0.00056 U	0.00059 U	0.00071 U	0.00054 U	0.00057 U	0.000091 U	0.0026 U	0.00058 U	0.00062 U
Methoxychlor	72-43-5	NS	NS	0.00061 U	0.00073 U	0.00059 U	0.00071 U	0.00016 U	0.00018 U	0.00053 U	0.00063 U	0.00019 U	0.00033 U	0.00061 U	0.00064 U	0.00076 U	0.00058 U	0.00062 U	0.0002 U	0.0029 U	0.00062 U	0.00067 U
Toxaphene	8001-35-2	NS	NS	0.018 U	0.021 U	0.017 U	0.021 U	0.0033 U	0.0037 U	0.016 U	0.018 U	0.004 U	0.0069 U	0.018 U	0.019 U	0.022 U	0.017 U	0.018 U	0.0043 U	0.084 U	0.018 U	0.02 U
trans-Chlordane	5103-74-2	NS	NS	0.00034 U	0.00042 U	0.00034 U	0.0004 U	0.00042	0.000068 U	0.0003 U	0.00036 U	0.000073 U	0.00013 U	0.00034 U	0.00036 U	0.00044 U	0.00033 U	0.00035 U	0.000078 U	0.0016 U	0.00036 U	0.00038 U
Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - (mg/kg)																						
Aroclor 1016	12674-11-2	0.1	1	0.018 U	0.021 U	0.017 U	0.021 U	0.0086 U	0.0096 U	0.016 U	0.018 U	0.01 U	0.018 U	0.017 U	0.019 U	0.022 U	0.017 U	0.018 U	0.011 U	0.016 U	0.018 U	0.019 U
Aroclor 1221	11104-28-2	0.1	1	0.024 U	0.028 U	0.023 U	0.028 U	0.0068 U	0.0076 U	0.022 U	0.024 U	0.0082 U	0.014 U	0.023 U	0.025 U	0.029 U	0.023 U	0.024 U	0.0087 U	0.022 U	0.024 U	0.025 U
Aroclor 1232	11141-16-5	0.1	1	0.024 U	0.029 U	0.024 U	0.029 U	0.017 U	0.019 U	0.023 U	0.025 U	0.02 U	0.035 U	0.023 U	0.025 U	0.03 U	0.023 U	0.025 U	0.021 U	0.022 U	0.025 U	0.026 U
Aroclor 1242	53469-21-9	0.1	1	0.016 U	0.019 U	0.015 U	0.018 U	0.012 U	0.014 U	0.014 U	0.016 U	0.015 U	0.025 U	0.015 U	0.016 U	0.019 U	0.015 U	0.016 U	0.016 U	0.014 U	0.016 U	0.017 U
Aroclor 1248	12672-29-6	0.1	1	0.034 U	0.041 U	0.033 U	0.04 U	0.0044 U	0.0049 U	0.031 U	0.035 U	0.0052 U	0.0091 U	0.032 U	0.036 U	0.042 U	0.033 U	0.035 U	0.0056 U	0.031 U	0.034 U	0.037 U
Aroclor 1254	11097-69-1	0.1	1	0.02 U	0.025 U	0.02 U	0.024 U	0.0022 U	0.0024 U	0.019 U	0.021 U	0.0026 U	0.0045 U	0.02 U	0.022 U	0.025 U	0.02 U	0.021 U	0.0028 U	0.019 U	0.021 U	0.022 U
Aroclor 1260	11096-82-5	0.1	1	0.016 U	0.02 U	0.016 U	0.019 U	0.16	0.0078 U	0.0412	0.017 U	0.0084 U	0.015 U	0.015 U	0.017 U	0.02 U	0.016 U	0.017 U	0.0089 U	0.015 U	0.0464	0.017 U
Aroclor 1262	37324-23-5	0.1	1	0.025 U	0.03 U	0.024 U	0.029 U	0.0017 U	0.0019 U	0.023 U	0.026 U	0.002 U	0.0035 U	0.024 U	0.026 U	0.031 U	0.024 U	0.026 U	0.0022 U	0.023 U	0.025 U	0.027 U
Aroclor 1268	11100-14-4	0.1	1	0.033 U	0.04 U	0.033 U	0.039 U	0.002 U	0.0023 U	0.031 U	0.034 U	0.0025 U	0.0043 U	0.032 U	0.035 U	0.041 U	0.032 U	0.035 U	0.0026 U	0.031 U	0.034 U	0.036 U
General Chemistry																						
Cyanide, Total	57-12-5	27	27	0.26 U	0.38 U	0.35	0.39 U	0.26 U	0.33 U	0.27 U	0.32 U	0.4	0.5 U	0.3 U	0.34 U	0.35 U	0.24 U	0.29 U	0.34 U	0.28	0.27 U	0.3 U

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use of Soil Cleanup Objective Table 375-6.8a 12/06
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use of Soil Cleanup Objective Table 375-6.8b 12/06
NS - No standard
NA - Not Analyzed
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 4
Soil PCB, Pesticide, and General Chemistry Analytical Data
60 Alexander Street, Yonkers, NY

Sample ID:	CAS Number	NYSDEC (1) Soil Cleanup Objectives Unrestricted Use	NYSDEC (2) Soil Cleanup Objectives Restricted Residential Use	SB019		SB020		SB021			SB022		SB023	
Sample Depth:				2'-4'	13'-15'	0'-2'	13'-15'	6'-8'	13'-15'	18'-20'	7'-9'	13'-15'	4'-6'	13'-15'
Sampling Date:				7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/9/2025	7/9/2025	7/9/2025	7/9/2025
Lab Sample ID:				JE14670-4	JE14670-5	JE14670-1	JE14670-2	JE14670-7	JE14670-8	JE14670-9	JE14894-6	JE14894-7	JE14894-9	JE14894-10
Method: 8081B - Organochlorine Pesticides (GC) - (mg/kg)														
4,4'-DDD	72-54-8	0.0033	13	0.00068 U	0.00083 U	0.00065 U	0.00072 U	0.0012	0.00075 U	0.00068 U	0.0089	0.00078 U	0.014	0.00066 U
4,4'-DDE	72-55-9	0.0033	8.9	0.00065 U	0.00079 U	0.00063 U	0.00069 U	0.00096	0.00072 U	0.00065 U	0.00079 U	0.00074 U	0.00065 U	0.00064 U
4,4'-DDT	50-29-3	0.0033	7.9	0.00066 U	0.0008 U	0.0021	0.0007 U	0.00074	0.00073 U	0.00066 U	0.0008 U	0.00075 U	0.00066 U	0.00064 U
Aldrin	309-00-2	0.005	0.097	0.00061 U	0.00075 U	0.00059 U	0.00065 U	0.0029	0.00067 U	0.00061 U	0.00074 U	0.0007 U	0.00061 U	0.0006 U
Alpha-BHC	319-84-6	0.02	0.48	0.0006 U	0.00074 U	0.00058 U	0.00064 U	0.0006 U	0.00067 U	0.00061 U	0.00073 U	0.00069 U	0.0006 U	0.00059 U
Beta-BHC	319-85-7	0.036	0.36	0.00067 U	0.00082 U	0.00064 U	0.00071 U	0.00067 U	0.00074 U	0.00067 U	0.00081 U	0.00076 U	0.00067 U	0.00065 U
cis-Chlordane	5103-71-9	0.094	4.2	0.0006 U	0.00073 U	0.00058 U	0.00064 U	0.0011	0.00066 U	0.0006 U	0.00073 U	0.00068 U	0.0167	0.00058 U
Delta-BHC	319-86-8	0.04	100	0.00071 U	0.00087 U	0.00068 U	0.00076 U	0.0016	0.00079 U	0.00072 U	0.00086 U	0.00081 U	0.00071 U	0.0007 U
Dieldrin	60-57-1	0.005	0.2	0.00051 U	0.00062 U	0.00049 U	0.00054 U	0.00051 U	0.00056 U	0.00051 U	0.00062 U	0.00058 U	0.00051 U	0.0005 U
Endosulfan I	959-98-8	2.4	24	0.00043 U	0.00052 U	0.00041 U	0.00045 U	0.0011	0.00047 U	0.00043 U	0.00052 U	0.00049 U	0.00043 U	0.00042 U
Endosulfan II	33213-65-9	2.4	24	0.00046 U	0.00056 U	0.00044 U	0.00049 U	0.00046 U	0.00051 U	0.00047 U	0.00056 U	0.00053 U	0.00046 U	0.00045 U
Endosulfan sulfate	1031-07-8	2.4	24	0.00058 U	0.00071 U	0.00056 U	0.00061 U	0.00058 U	0.00064 U	0.00058 U	0.0007 U	0.00066 U	0.00058 U	0.00057 U
Endrin	72-20-8	0	11	0.00058 U	0.0007 U	0.00055 U	0.00061 U	0.00058 U	0.00064 U	0.00058 U	0.0007 U	0.00066 U	0.0081	0.00056 U
Endrin aldehyde	7421-93-4	NS	NS	0.00042 U	0.00051 U	0.0004 U	0.00045 U	0.00042 U	0.00046 U	0.00042 U	0.00051 U	0.00048 U	0.00042 U	0.00041 U
Endrin ketone	53494-70-5	NS	NS	0.00054 U	0.00065 U	0.00052 U	0.00057 U	0.00054 U	0.00059 U	0.00054 U	0.00065 U	0.00061 U	0.00053 U	0.00052 U
Heptachlor	76-44-8	0.042	2.1	0.00064 U	0.00078 U	0.00061 U	0.00068 U	0.00064 U	0.00071 U	0.00064 U	0.00078 U	0.00073 U	0.00064 U	0.00062 U
Heptachlor epoxide	1024-57-3	NS	NS	0.00052 U	0.00063 U	0.0005 U	0.00055 U	0.00052 U	0.00057 U	0.00052 U	0.00063 U	0.00059 U	0.00052 U	0.00051 U
Lindane	58-89-9	0.1	1.3	0.00055 U	0.00067 U	0.00053 U	0.0011	0.00055 U	0.0006 U	0.00055 U	0.00066 U	0.00062 U	0.00055 U	0.00053 U
Methoxychlor	72-43-5	NS	NS	0.00059 U	0.00072 U	0.00057 U	0.00063 U	0.00059 U	0.00065 U	0.00059 U	0.00072 U	0.00067 U	0.00059 U	0.00058 U
Toxaphene	8001-35-2	NS	NS	0.017 U	0.021 U	0.017 U	0.018 U	0.017 U	0.019 U	0.017 U	0.021 U	0.02 U	0.017 U	0.017 U
trans-Chlordane	5103-74-2	NS	NS	0.00034 U	0.00041 U	0.00032 U	0.00036 U	0.0014	0.00037 U	0.00034 U	0.00041 U	0.00038 U	0.0067	0.00033 U
Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography - (mg/kg)														
Aroclor 1016	12674-11-2	0.1	1	0.018 U	0.021 U	0.017 U	0.018 U	0.017 U	0.019 U	0.017 U	0.021 U	0.02 U	0.017 U	0.017 U
Aroclor 1221	11104-28-2	0.1	1	0.023 U	0.027 U	0.022 U	0.024 U	0.023 U	0.026 U	0.022 U	0.028 U	0.026 U	0.023 U	0.022 U
Aroclor 1232	11141-16-5	0.1	1	0.024 U	0.028 U	0.023 U	0.024 U	0.023 U	0.027 U	0.023 U	0.029 U	0.027 U	0.024 U	0.023 U
Aroclor 1242	53469-21-9	0.1	1	0.015 U	0.018 U	0.015 U	0.016 U	0.015 U	0.017 U	0.015 U	0.018 U	0.017 U	0.015 U	0.015 U
Aroclor 1248	12672-29-6	0.1	1	0.034 U	0.04 U	0.032 U	0.034 U	0.032 U	0.037 U	0.032 U	0.04 U	0.038 U	0.033 U	0.032 U
Aroclor 1254	11097-69-1	0.1	1	0.02 U	0.024 U	0.019 U	0.021 U	0.02 U	0.022 U	0.019 U	0.024 U	0.023 U	0.02 U	0.019 U
Aroclor 1260	11096-82-5	0.1	1	0.016 U	0.019 U	0.0392	0.016 U	0.016 U	0.018 U	0.015 U	0.019 U	0.018 U	0.111	0.015 U
Aroclor 1262	37324-23-5	0.1	1	0.025 U	0.029 U	0.023 U	0.025 U	0.024 U	0.027 U	0.024 U	0.029 U	0.028 U	0.024 U	0.024 U
Aroclor 1268	11100-14-4	0.1	1	0.033 U	0.039 U	0.031 U	0.034 U	0.032 U	0.037 U	0.032 U	0.039 U	0.037 U	0.032 U	0.032 U
General Chemistry														
Cyanide, Total	57-12-5	27	27	0.69	0.34 U	0.3 U	0.27 U	0.25 U	0.26 U	0.25 U	0.34 U	0.31 U	0.35	0.4

Notes:
(1) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Unrestricted Use
(2) NYSDEC 6 NYCRR Environmental Remediation Programs Part 375 Restricted Use o
NS - No standard
NA - Not Analyzed
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 5
Soil PFAS Analytical Data
60 Alexander Street, Yonkers, NY

Sample ID:	CAS Number	NYSDEC Soil Guidance Values Unrestricted Use (1)	NYSDEC Soil Guidance Values Restricted Residential Use (1)	SB011		SB012		SB013		SB014		SB015		SB016			SB017			
Sample Depth:				6'-8'	13'-15'	2'-4'	13'-15'	4'-10'	13'-15'	2'-4'	13'-15'	6'-8'	13'-15'	4'-6'	13'-15'	18'-20'	8'-10'	13'-15'	21'-23	2'-4'
Sampling Date:				7/9/2025	7/9/2025	7/9/2025	7/9/2025	7/8/2025	7/8/2025	7/7/2025	7/7/2025	7/8/2025	7/8/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/8/2025	7/7/2025
Lab Sample ID:				JE14894-4	JE14894-5	JE14894-1	JE14894-2	JE14764-5	JE14764-6	JE14670-21	JE14670-22	JE14764-2	JE14764-3	JE14670-10	JE14670-11	JE14670-12	JE14670-13	JE14670-14	JE14764-1	JE14670-20
Perfluorinated Alkyl Acids by Isotope Dilution in mg/Kg																				
Perfluorobutanoic acid	375-22-4	NS	NS	0.00012 U	0.00015 U	0.00012 U	0.00015 U	0.00012 U	0.00013 U	0.00012 U	0.00013 U	0.00013 U	0.00023 U	0.00012 U	0.00013 U	0.00016 U	0.00012 U	0.00013 U	0.00014 U	0.00011 U
Perfluoropentanoic acid	2706-90-3	NS	NS	0.000079 U	0.000094 U	0.000077 U	0.000094 U	0.000073 U	0.000081 U	0.000076 U	0.000083 U	0.00056	0.00015 U	0.00013 J	0.000082 U	0.0001 U	0.000078 U	0.000084 U	0.000091 U	0.0006
Perfluorohexanoic acid	307-24-4	NS	NS	0.000034 U	0.00004 U	0.000033 U	0.00004 U	0.000031 U	0.000035 U	0.000032 U	0.000035 U	0.00029	0.000063 U	0.000034 U	0.000035 U	0.000043 U	0.000034 U	0.000036 U	0.000039 U	0.000031 U
Perfluoroheptanoic acid	375-85-9	NS	NS	0.000057 U	0.000067 U	0.000055 U	0.000067 U	0.000052 U	0.000058 U	0.000054 U	0.000059 U	0.00021 J	0.0001 U	0.000057 U	0.000059 U	0.000072 U	0.000056 U	0.00006 U	0.000065 U	0.000052 U
Perfluorooctanoic acid	335-67-1	0.00066	0.033	0.000091 U	0.00011 U	0.0003	0.00011 U	0.000084 U	0.000093 U	0.00028	0.00015 J	0.00077	0.00017 U	0.0032	0.000094 U	0.00012 U	0.00038	0.00011 J	0.0001 U	0.00023
Perfluorononanoic acid	375-95-1	NS	NS	0.000057 U	0.000067 U	0.000055 U	0.000067 U	0.000052 U	0.000058 U	0.000054 U	0.000059 U	0.00017 J	0.0001 U	0.00021 J	0.000059 U	0.000072 U	0.000056 U	0.00006 U	0.000065 U	0.000052 U
Perfluorodecanoic acid	335-76-2	NS	NS	0.000079 U	0.000094 U	0.000077 U	0.000094 U	0.000073 U	0.000081 U	0.000076 U	0.000083 U	0.000082 U	0.00015 U	0.00008 U	0.000082 U	0.0001 U	0.000078 U	0.000084 U	0.000091 U	0.000072 U
Perfluoroundecanoic acid	2058-94-8	NS	NS	0.000068 U	0.000081 U	0.000066 U	0.000081 U	0.000063 U	0.000069 U	0.000065 U	0.000071 U	0.00007 U	0.00013 U	0.000068 U	0.000071 U	0.000086 U	0.000067 U	0.000072 U	0.000078 U	0.000062 U
Perfluorododecanoic acid	307-55-1	NS	NS	0.000091 U	0.00011 U	0.000088 U	0.00011 U	0.000084 U	0.000093 U	0.000087 U	0.000094 U	0.000093 U	0.00017 U	0.000091 U	0.000094 U	0.00012 U	0.000089 U	0.000096 U	0.0001 U	0.000082 U
Perfluorotridecanoic acid	72629-94-8	NS	NS	0.0001 U	0.00012 U	0.000099 U	0.00012 U	0.000094 U	0.0001 U	0.000097 U	0.00011 U	0.00011 U	0.00019 U	0.0001 U	0.00011 U	0.00013 U	0.0001 U	0.00011 U	0.00012 U	0.000093 U
Perfluorotetradecanoic acid	376-06-7	NS	NS	0.00011 U	0.00013 U	0.00011 U	0.00013 U	0.0001 U	0.00012 U	0.00011 U	0.00012 U	0.00012 U	0.00021 U	0.00011 U	0.00012 U	0.00014 U	0.00011 U	0.00012 U	0.00013 U	0.0001 U
Perfluorobutanesulfonic acid	375-73-5	NS	NS	0.000079 U	0.000094 U	0.000077 U	0.000094 U	0.000073 U	0.000081 U	0.000076 U	0.000083 U	0.00022 J	0.00015 U	0.00008 U	0.000082 U	0.0001 U	0.000078 U	0.000084 U	0.000091 U	0.000072 U
Perfluoropentanesulfonic acid	2706-91-4	NS	NS	0.00011 U	0.00013 U	0.00011 U	0.00013 U	0.0001 U	0.00012 U	0.00011 U	0.00012 U	0.00012 U	0.00021 U	0.00011 U	0.00012 U	0.00014 U	0.00011 U	0.00012 U	0.00013 U	0.00038
Perfluorohexanesulfonic acid	355-46-4	NS	NS	0.00012 U	0.00015 U	0.00012 U	0.00015 U	0.00012 U	0.00013 U	0.00012 U	0.00013 U	0.00016 J	0.00023 U	0.00045	0.00013 U	0.00016 U	0.00014 J	0.00013 U	0.00014 U	0.00011 U
Perfluoroheptanesulfonic acid	375-92-8	NS	NS	0.00011 U	0.00013 U	0.00011 U	0.00013 U	0.0001 U	0.00012 U	0.00011 U	0.00012 U	0.00016 J	0.00021 U	0.00053	0.00012 U	0.00014 U	0.00011 U	0.00012 U	0.00013 U	0.0001 U
Perfluorooctanesulfonic acid	1763-23-1	0.00088	0.044	0.00034	0.00019 J	0.00021 J	0.000067 U	0.00015 J	0.00065	0.0017	0.00056	0.0258	0.0001 U	0.0036	0.00046	0.000072 U	0.0028	0.002	0.000065 U	0.0019
Perfluorononanesulfonic acid	68259-12-1	NS	NS	0.00016 U	0.00019 U	0.00015 U	0.00019 U	0.00015 U	0.00016 U	0.00015 U	0.00017 U	0.00016 U	0.00029 U	0.00016 U	0.00016 U	0.0002 U	0.00016 U	0.00017 U	0.00018 U	0.00014 U
Perfluorodecanesulfonic acid	335-77-3	NS	NS	0.00012 U	0.00015 U	0.00012 U	0.00015 U	0.00012 U	0.00013 U	0.00012 U	0.00013 U	0.00013 U	0.00023 U	0.00012 U	0.00013 U	0.00016 U	0.00012 U	0.00013 U	0.00014 U	0.00011 U
Perfluorododecanesulfonic acid	79780-39-5	NS	NS	0.000057 U	0.000067 U	0.000055 U	0.000067 U	0.000052 U	0.000058 U	0.000054 U	0.000059 U	0.000058 U	0.0001 U	0.000057 U	0.000059 U	0.000072 U	0.000056 U	0.00006 U	0.000065 U	0.000052 U
4:2 Fluorotelomer sulfonate	757124-72-4	NS	NS	0.00032 U	0.00038 U	0.00031 U	0.00038 U	0.00029 U	0.00032 U	0.0003 U	0.00033 U	0.00033 U	0.00059 U	0.00032 U	0.00033 U	0.0004 U	0.00031 U	0.00034 U	0.00036 U	0.00029 U
6:2 Fluorotelomer sulfonate	27619-97-2	NS	NS	0.00011 U	0.00013 U	0.00011 U	0.00013 U	0.0001 U	0.00012 U	0.00011 U	0.00012 U	0.00012 U	0.00021 U	0.00011 U	0.00012 U	0.00014 U	0.00011 U	0.00012 U	0.00013 U	0.0001 U
8:2 Fluorotelomer sulfonate	39108-34-4	NS	NS	0.00021 U	0.00026 U	0.00021 U	0.00026 U	0.0002 U	0.00022 U	0.00021 U	0.00022 U	0.00022 U	0.0004 U	0.00022 U	0.00022 U	0.00027 U	0.00021 U	0.00023 U	0.00025 U	0.0002 U
PFOSA	754-91-6	NS	NS	0.000079 U	0.000094 U	0.000077 U	0.000094 U	0.000073 U	0.000081 U	0.000076 U	0.000083 U	0.000082 U	0.00015 U	0.00008 U	0.000082 U	0.0001 U	0.000078 U	0.000084 U	0.000091 U	0.000072 U
MeFOSA	31506-32-8	NS	NS	0.000068 U	0.000081 U	0.000066 U	0.000081 U	0.000063 U	0.000069 U	0.000065 U	0.000071 U	0.00007 U	0.00013 U	0.000068 U	0.000071 U	0.000086 U	0.000067 U	0.000072 U	0.000078 U	0.000062 U
EtFOSA	4151-50-2	NS	NS	0.000057 U	0.000067 U	0.000055 U	0.000067 U	0.000052 U	0.000058 U	0.000054 U	0.000059 U	0.000058 U	0.0001 U	0.000057 U	0.000059 U	0.000072 U	0.000056 U	0.00006 U	0.000065 U	0.000052 U
MeFOSAA	2355-31-9	NS	NS	0.000091 U	0.00011 U	0.000088 U	0.00011 U	0.000084 U	0.000093 U	0.000087 U	0.000094 U	0.000093 U	0.00017 U	0.000091 U	0.000094 U	0.00012 U	0.000089 U	0.000096 U	0.0001 U	0.000082 U
EtFOSAA	2991-50-6	NS	NS	0.00015 U	0.00017 U	0.00014 U	0.00018 U	0.00014 U	0.00015 U	0.00014 U	0.00015 U	0.00015 U	0.00027 U	0.00015 U	0.00015 U	0.00019 U	0.00015 U	0.00016 U	0.00017 U	0.00025
MeFOSE	24448-09-7	NS	NS	0.00032 U	0.00038 U	0.00031 U	0.00038 U	0.00029 U	0.00032 U	0.0003 U	0.00033 U	0.00033 U	0.00059 U	0.00032 U	0.00033 U	0.0004 U	0.00031 U	0.00034 U	0.00036 U	0.00029 U
EtFOSE	1691-99-2	NS	NS	0.00083 U	0.00098 U	0.00081 U	0.00098 U	0.00076 U	0.00084 U	0.00079 U	0.00086 U	0.00085 U	0.0015 U	0.00083 U	0.00086 U	0.0011 U	0.00082 U	0.00088 U	0.00095 U	0.00075 U
HFPO-DA (GenX)	13252-13-6	NS	NS	0.0002 U	0.00024 U	0.0002 U	0.00024 U	0.00019 U	0.00021 U	0.00019 U	0.00021 U	0.00021 U	0.00038 U	0.0002 U	0.00021 U	0.00026 U	0.0002 U	0.00022 U	0.00023 U	0.00019 U
ADONA	919005-14-4	NS	NS	0.00014 U	0.00016 U	0.00013 U	0.00016 U	0.00013 U	0.00014 U	0.00013 U	0.00014 U	0.00014 U	0.00025 U	0.00014 U	0.00014 U	0.00017 U	0.00013 U	0.00014 U	0.00016 U	0.00012 U
PFMPA	377-73-1	NS	NS	0.000034 U	0.00004 U	0.000033 U	0.00004 U	0.000031 U	0.000035 U	0.000032 U	0.000035 U	0.000035 U	0.000063 U	0.000034 U	0.000035 U	0.000043 U	0.000034 U	0.000036 U	0.000039 U	0.000031 U
PFMBA	863090-89-5	NS	NS	0.000068 U	0.000081 U	0.000066 U	0.000081 U	0.000063 U	0.000069 U	0.000065 U	0.000071 U	0.00007 U	0.00013 U	0.000068 U	0.000071 U	0.000086 U	0.000067 U	0.000072 U	0.000078 U	0.000062 U
NFDHA	151772-58-6	NS	NS	0.00015 U	0.00017 U	0.00014 U	0.00018 U	0.00014 U	0.00015 U	0.00014 U	0.00015 U	0.00015 U	0.00027 U	0.00015 U	0.00015 U	0.00019 U	0.00015 U	0.00016 U	0.00017 U	0.00013 U
9Cl-PF3ONS (F-53B Major)	756426-58-1	NS	NS	0.00029 U	0.00035 U	0.00029 U	0.00035 U	0.00027 U	0.0003 U	0.00028 U	0.00031 U	0.0003 U	0.00055 U	0.0003 U	0.00031 U	0.00037 U	0.00029 U	0.00031 U	0.00034 U	0.00027 U
11Cl-PF3OUdS (F-53B Minor)	763051-92-9	NS	NS	0.0002 U	0.00024 U	0.0002 U	0.00024 U	0.00019 U	0.00021 U	0.00019 U	0.00021 U	0.00021 U	0.00038 U	0.0002 U	0.00021 U	0.00026 U	0.0002 U	0.00022 U	0.00023 U	0.00019 U
PFEESA	113507-82-7	NS	NS	0.000034 U	0.00004 U	0.000033 U	0.00004 U	0.000031 U	0.000035 U	0.000032 U	0.000035 U	0.000035 U	0.000063 U	0.000034 U	0.000035 U	0.000043 U	0.000034 U	0.000036 U	0.000039 U	0.000031 U
3:3 Fluorotelomer carboxylate	356-02-5	NS	NS	0.00027 U	0.00032 U	0.00026 U	0.00032 U	0.00025 U	0.00028 U	0.00026 U	0.00028 U	0.00028 U	0.0005 U	0.00027 U	0.00028 U	0.00035 U	0.00027 U	0.00029 U	0.00031 U	0.00025 U
5:3 Fluorotelomer carboxylate	914637-49-3	NS	NS	0.0007 U	0.00083 U	0.00068 U	0.00084 U	0.00065 U	0.00072 U	0.00067 U	0.00073 U	0.00072 U	0.0013 U	0.0007 U	0.00073 U	0.00089 U	0.00069 U	0.00075 U	0.0008 U	0.00064 U
7:3 Fluorotelomer carboxylate	812-70-4	NS	NS	0.00071 U	0.00085 U	0.0007 U	0.00085 U	0.00066 U	0.00073 U	0.00068 U	0.00074 U	0.00074 U	0.0013 U	0.00072 U	0.00074 U	0.00091 U	0.0007 U	0.00076 U	0.00082 U	0.00065 U

Notes:
(1) NYSDEC Sampling, Analysis, and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs, April 2023
NS - No standard
NA - Not Analyzed
J - Estimated Value
U - The compound was not detected at the indicated concentration
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 5
Soil PFAS Analytical Data
60 Alexander Street, Yonkers, NY

Sample ID:	CAS Number	NYSDEC Soil Guidance Values Unrestricted Use (1)	NYSDEC Soil Guidance Values Restricted Residential Use (1)	SB018		SB019		SB020		SB021			SB022		SB023	
Sample Depth:				4'-10'	13'-15'	2'-4'	13'-15'	0'-2'	13'-15'	6'-8'	13'-15'	18'-20'	7'-9'	13'-15'	4'-6'	13'-15'
Sampling Date:				7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/7/2025	7/9/2025	7/9/2025	7/9/2025	7/9/2025
Lab Sample ID:				JE14670-17	JE14670-18	JE14670-4	JE14670-5	JE14670-1	JE14670-2	JE14670-7	JE14670-8	JE14670-9	JE14894-6	JE14894-7	JE14894-9	JE14894-10
Perfluorinated Alkyl Acids by Isotope Dilution in mg/Kg																
Perfluorobutanoic acid	375-22-4	NS	NS	0.00013 U	0.00013 U	0.00012 U	0.00014 U	0.00012 U	0.00013 U	0.00012 U	0.00014 U	0.00012 U	0.00015 U	0.00014 U	0.00012 U	0.00012 U
Perfluoropentanoic acid	2706-90-3	NS	NS	0.000081 U	0.000086 U	0.000079 U	0.000089 U	0.000076 U	0.000085 U	0.000077 U	0.000086 U	0.000077 U	0.000093 U	0.000088 U	0.000076 U	0.000076 U
Perfluorohexanoic acid	307-24-4	NS	NS	0.000035 U	0.000037 U	0.000034 U	0.000038 U	0.000033 U	0.000036 U	0.000033 U	0.000037 U	0.000033 U	0.00004 U	0.000038 U	0.000033 U	0.000033 U
Perfluoroheptanoic acid	375-85-9	NS	NS	0.000058 U	0.000061 U	0.000056 U	0.000063 U	0.000054 U	0.000061 U	0.000055 U	0.000061 U	0.000055 U	0.000067 U	0.000063 U	0.000055 U	0.000054 U
Perfluorooctanoic acid	335-67-1	0.00066	0.033	0.000093 U	0.000098 U	0.00076	0.0001 U	0.000087 U	0.000097 U	0.000089 J	0.000098 U	0.000088 U	0.00011 U	0.0001 U	0.0004	0.000087 U
Perfluorononanoic acid	375-95-1	NS	NS	0.000058 U	0.000061 U	0.000056 U	0.000063 U	0.000054 U	0.000061 U	0.000055 U	0.000061 U	0.000055 U	0.000067 U	0.000063 U	0.000055 U	0.000054 U
Perfluorodecanoic acid	335-76-2	NS	NS	0.000081 U	0.000086 U	0.000079 U	0.000089 U	0.000076 U	0.000085 U	0.000077 U	0.000086 U	0.000077 U	0.000093 U	0.000088 U	0.000076 U	0.000076 U
Perfluoroundecanoic acid	2058-94-8	NS	NS	0.000069 U	0.000073 U	0.000068 U	0.000076 U	0.000065 U	0.000073 U	0.000066 U	0.000074 U	0.000066 U	0.00008 U	0.000076 U	0.000065 U	0.000065 U
Perfluorododecanoic acid	307-55-1	NS	NS	0.000093 U	0.000098 U	0.00009 U	0.0001 U	0.000087 U	0.000097 U	0.000088 U	0.000098 U	0.000088 U	0.00011 U	0.0001 U	0.000087 U	0.000087 U
Perfluorotridecanoic acid	72629-94-8	NS	NS	0.0001 U	0.00011 U	0.0001 U	0.00011 U	0.000098 U	0.00011 U	0.000099 U	0.00011 U	0.000099 U	0.00012 U	0.00011 U	0.000098 U	0.000098 U
Perfluorotetradecanoic acid	376-06-7	NS	NS	0.00012 U	0.00012 U	0.00011 U	0.00013 U	0.00011 U	0.00012 U	0.00011 U	0.00012 U	0.00011 U	0.00013 U	0.00013 U	0.00011 U	0.00011 U
Perfluorobutanesulfonic acid	375-73-5	NS	NS	0.000081 U	0.000086 U	0.000079 U	0.000089 U	0.000076 U	0.000085 U	0.000077 U	0.000086 U	0.000077 U	0.000093 U	0.000088 U	0.0012	0.000076 U
Perfluoropentanesulfonic acid	2706-91-4	NS	NS	0.00012 U	0.00012 U	0.00011 U	0.00013 U	0.00011 U	0.00012 U	0.00011 U	0.00012 U	0.00011 U	0.00013 U	0.00013 U	0.0003	0.00011 U
Perfluorohexanesulfonic acid	355-46-4	NS	NS	0.00013 J	0.00013 U	0.00012 U	0.00014 U	0.00012 U	0.00013 U	0.00012 U	0.00014 U	0.00012 U	0.00015 U	0.00014 U	0.00034	0.00012 U
Perfluoroheptanesulfonic acid	375-92-8	NS	NS	0.00012 U	0.00012 U	0.00011 U	0.00013 U	0.00011 U	0.00012 U	0.00011 U	0.00012 U	0.00011 U	0.00013 U	0.00013 U	0.00026	0.00011 U
Perfluorooctanesulfonic acid	1763-23-1	0.00088	0.044	0.0202	0.004	0.000056 U	0.00054	0.00047	0.00061	0.00052	0.00025	0.000055 U	0.000097 J	0.000096 J	0.0161	0.000054 U
Perfluorononanesulfonic acid	68259-12-1	NS	NS	0.00016 U	0.00017 U	0.00016 U	0.00018 U	0.00015 U	0.00017 U	0.00015 U	0.00017 U	0.00015 U	0.00019 U	0.00018 U	0.00015 U	0.00015 U
Perfluorodecanesulfonic acid	335-77-3	NS	NS	0.00013 U	0.00013 U	0.00012 U	0.00014 U	0.00012 U	0.00013 U	0.00012 U	0.00014 U	0.00012 U	0.00015 U	0.00014 U	0.00012 U	0.00012 U
Perfluorododecanesulfonic acid	79780-39-5	NS	NS	0.000058 U	0.000061 U	0.000056 U	0.000063 U	0.000054 U	0.000061 U	0.000055 U	0.000061 U	0.000055 U	0.000067 U	0.000063 U	0.000055 U	0.000054 U
4:2 Fluorotelomer sulfonate	757124-72-4	NS	NS	0.00032 U	0.00034 U	0.00032 U	0.00035 U	0.0003 U	0.00034 U	0.00031 U	0.00034 U	0.00031 U	0.00037 U	0.00035 U	0.00031 U	0.0003 U
6:2 Fluorotelomer sulfonate	27619-97-2	NS	NS	0.00012 U	0.00012 U	0.00011 U	0.00013 U	0.00011 U	0.00012 U	0.00011 U	0.00012 U	0.00011 U	0.00013 U	0.00013 U	0.00011 U	0.00011 U
8:2 Fluorotelomer sulfonate	39108-34-4	NS	NS	0.00022 U	0.00023 U	0.00021 U	0.00024 U	0.00021 U	0.00023 U	0.00021 U	0.00023 U	0.00021 U	0.00025 U	0.00024 U	0.00021 U	0.00021 U
PFOSA	754-91-6	NS	NS	0.00016 J	0.000086 U	0.000079 U	0.000089 U	0.000076 U	0.000085 U	0.000077 U	0.000086 U	0.000077 U	0.000093 U	0.000088 U	0.0002 J	0.000076 U
MeFOSA	31506-32-8	NS	NS	0.000069 U	0.000073 U	0.000068 U	0.000076 U	0.000065 U	0.000073 U	0.000066 U	0.000074 U	0.000066 U	0.00008 U	0.000076 U	0.000065 U	0.000065 U
EtFOSA	4151-50-2	NS	NS	0.000058 U	0.000061 U	0.000056 U	0.000063 U	0.000054 U	0.000061 U	0.000055 U	0.000061 U	0.000055 U	0.000067 U	0.000063 U	0.000055 U	0.000054 U
MeFOSAA	2355-31-9	NS	NS	0.000093 U	0.000098 U	0.00009 U	0.0001 U	0.000087 U	0.000097 U	0.000088 U	0.000098 U	0.000088 U	0.00011 U	0.0001 U	0.000087 U	0.000087 U
EtFOSAA	2991-50-6	NS	NS	0.00032	0.00016 U	0.00015 U	0.00016 U	0.00014 U	0.00016 U	0.00014 U	0.00016 U	0.00014 U	0.00017 U	0.00016 U	0.00027	0.00014 U
MeFOSE	24448-09-7	NS	NS	0.00032 U	0.00034 U	0.00032 U	0.00035 U	0.0003 U	0.00034 U	0.00031 U	0.00034 U	0.00031 U	0.00037 U	0.00035 U	0.00031 U	0.0003 U
EtFOSE	1691-99-2	NS	NS	0.00084 U	0.00089 U	0.00082 U	0.00092 U	0.00079 U	0.00088 U	0.0008 U	0.0009 U	0.00081 U	0.00097 U	0.00092 U	0.0008 U	0.00079 U
HFPO-DA (GenX)	13252-13-6	NS	NS	0.00021 U	0.00022 U	0.0002 U	0.00023 U	0.0002 U	0.00022 U	0.0002 U	0.00022 U	0.0002 U	0.00024 U	0.00023 U	0.0002 U	0.0002 U
ADONA	919005-14-4	NS	NS	0.00014 U	0.00015 U	0.00014 U	0.00015 U	0.00013 U	0.00015 U	0.00013 U	0.00015 U	0.00013 U	0.00016 U	0.00015 U	0.00013 U	0.00013 U
PFMPA	377-73-1	NS	NS	0.000035 U	0.000037 U	0.000034 U	0.000038 U	0.000033 U	0.000036 U	0.000033 U	0.000037 U	0.000033 U	0.00004 U	0.000038 U	0.000033 U	0.000033 U
PFMBA	863090-89-5	NS	NS	0.000069 U	0.000073 U	0.000068 U	0.000076 U	0.000065 U	0.000073 U	0.000066 U	0.000074 U	0.000066 U	0.00008 U	0.000076 U	0.000065 U	0.000065 U
NFDHA	151772-58-6	NS	NS	0.00015 U	0.00016 U	0.00015 U	0.00016 U	0.00014 U	0.00016 U	0.00014 U	0.00016 U	0.00014 U	0.00017 U	0.00016 U	0.00014 U	0.00014 U
9Cl-PF3ONS (F-53B Major)	756426-58-1	NS	NS	0.0003 U	0.00032 U	0.00029 U	0.00033 U	0.00028 U	0.00032 U	0.00029 U	0.00032 U	0.00029 U	0.00035 U	0.00033 U	0.00028 U	0.00028 U
11Cl-PF3OUdS (F-53B Minor)	763051-92-9	NS	NS	0.00021 U	0.00022 U	0.0002 U	0.00023 U	0.0002 U	0.00022 U	0.0002 U	0.00022 U	0.0002 U	0.00024 U	0.00023 U	0.0002 U	0.0002 U
PFEESA	113507-82-7	NS	NS	0.000035 U	0.000037 U	0.000034 U	0.000038 U	0.000033 U	0.000036 U	0.000033 U	0.000037 U	0.000033 U	0.00004 U	0.000038 U	0.000033 U	0.000033 U
3:3 Fluorotelomer carboxylate	356-02-5	NS	NS	0.00028 U	0.00029 U	0.00027 U	0.0003 U	0.00026 U	0.00029 U	0.00026 U	0.00029 U	0.00026 U	0.00032 U	0.0003 U	0.00026 U	0.00026 U
5:3 Fluorotelomer carboxylate	914637-49-3	NS	NS	0.00072 U	0.00076 U	0.0007 U	0.00078 U	0.00067 U	0.00075 U	0.00068 U	0.00076 U	0.00068 U	0.00083 U	0.00078 U	0.00068 U	0.00067 U
7:3 Fluorotelomer carboxylate	812-70-4	NS	NS	0.00073 U	0.00077 U	0.00071 U	0.0008 U	0.00069 U	0.00076 U	0.00069 U	0.00077 U	0.00069 U	0.00084 U	0.0008 U	0.00069 U	0.00068 U

Notes:
(1) NYSDEC Sampling, Analysis, and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs, April 2023
NS - No standard
NA - Not Analyzed
J - Estimated Value
U - The compound was not detected at the indicated concentration.
E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument
Shaded text denotes concentrations exceeding NYSDEC Unrestricted Use
Shaded text denotes concentrations exceeding NYSDEC Restricted Residential Use

Table 6
Water Level Measurements
60 Alexander Street, Yonkers, NY

Well ID	Reference Elevation	Depth to Bottom	Depth to LNAPL	Depth to Water	LNAPL Thickness	Groundwater Elevation
July 30, 2025						
MW001	10.96	18.42	NP	8.68	0.00	2.28
MW002	10.91	17.97	NP	8.58	0.00	2.33
MW003	15.40	19.93	NP	12.34	0.00	3.06
MW004	13.63	19.28	NP	11.29	0.00	2.34
MW005	12.93	17.56	NP	10.52	0.00	2.41
MW006	10.98	20.10	NP	8.70	0.00	2.28
MW007	12.41	20.25	NP	9.97	0.00	2.44
MW008	13.73	19.47	NP	11.30	0.00	2.43
MW009	13.73	20.00	NP	10.34	0.00	3.39

Notes:
All measurements in feet
LNAPL - Light non-aqueous phase liquid
NP - No LNAPL
NS - Not Surveyed
NM - Not Measured

Table 7
Groundwater VOCs Analytical Data
60 Alexander Street, Yonkers, NY

Client Sample ID:		NYSDEC	MW001	MW002	MW003	MW004	MW005	MW006	MW007	MW008	MW009
Sampling Date:	CAS Number	Groundwater	7/30/2025	7/30/2025	7/30/2025	7/30/2025	7/30/2025	7/30/2025	7/30/2025	7/30/2025	7/30/2025
Laboratory ID:		Quality Standards	JE16259-1	JE16259-2	JE16259-3	JE16259-4	JE16259-5	JE16259-6	JE16259-7	JE16259-8	JE16259-9
Volatile Organic Compounds by USEPA Method 8260 in µg/L											
1,1,1,2-Tetrachloroethane	630-20-6	5	0.7 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
1,1,1-Trichloroethane	71-55-6	5	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
1,1,2,2-Tetrachloroethane	79-34-5	5	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
1,1,2-Trichloroethane	79-00-5	1	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
1,1-Dichloroethane	75-34-3	5	0.57 U	0.57 U	0.76 J	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U	0.57 U
1,1-Dichloroethene	75-35-4	5	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
1,1-Dichloropropene	563-58-6	5	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
1,2,3-Trichlorobenzene	87-61-6	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,3-Trichloropropane	96-18-4	0.04	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
1,2,4-Trichlorobenzene	120-82-1	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-Trimethylbenzene	95-63-6	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
1,2-Dibromoethane	106-93-4	0.0006	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
1,2-Dichlorobenzene	95-50-1	3	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
1,2-Dichloroethane	107-06-2	0.6	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
1,2-Dichloropropane	78-87-5	1	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U
1,3,5-Trimethylbenzene	108-67-8	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	3	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
1,3-Dichloropropane	142-28-9	5	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U	0.89 U
1,4-Dichlorobenzene	106-46-7	3	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U
1,4-Dioxane	123-91-1	NS	0.364	0.2 U	0.2 U	1.67	0.201 J	0.509	0.635	1.08	0.601
2,2-Dichloropropane	594-20-7	5	1 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U
2-Butanone	78-93-3	50	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U
2-Hexanone	591-78-6	50	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U	4.8 U
4-Methyl-2-pentanone	108-10-1	NS	4.9 U	4.9 U	4.9 U	4.9 U	4.9 U	4.9 U	4.9 U	4.9 U	4.9 U
Acetone	67-64-1	50	3.1 U	4 J	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U
Acrylonitrile	107-13-1	5	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
Benzene	71-43-2	1	0.72	0.43 U	0.43 U	0.43 U	6.1	0.43 U	0.43 U	0.72	0.43 U
Bromobenzene	108-86-1	5	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Bromochloromethane	74-97-5	5	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Bromodichloromethane	75-27-4	50	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Bromoform	75-25-2	50	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U
Bromomethane	74-83-9	5	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Carbon disulfide	75-15-0	60	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U
Carbon tetrachloride	56-23-5	5	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Chlorobenzene	108-90-7	5	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	2.6	0.56 U
Chloroethane	75-00-3	5	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U
Chloroform	67-66-3	7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloromethane	74-87-3	NS	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U	0.76 U
cis-1,2-Dichloroethene	156-59-2	5	0.51 U	0.51 U	1.3	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U
cis-1,3-Dichloropropene	10061-01-5	0.4	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
Dibromochloromethane	124-48-1	50	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U
Dichlorodifluoromethane	75-71-8	5	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U
Ethylbenzene	100-41-4	5	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
Hexachlorobutadiene	87-68-3	0.5	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
Isopropylbenzene	98-82-8	5	5.5	0.65 U	0.65 U	0.65 U	20.6	0.65 U	0.65 U	9.4	0.65 U
Methyl tert butyl ether	1634-04-4	10	0.51 U	0.83 J	0.51 U	0.51 U	0.51 U	1.7	0.51 U	0.51 U	0.51 U
Methylene chloride	75-09-2	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
n-Butylbenzene	104-51-8	5	0.52 J	0.52 U	0.52 U	0.52 U	2.5	0.52 U	0.52 U	2.7	0.52 U
n-Propylbenzene	103-65-1	5	2.7	0.6 U	0.6 U	0.6 U	24.8	0.6 U	0.6 U	9.9	0.6 U
Naphthalene	91-20-3	10	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
o-Chlorotoluene	95-49-8	5	0.63 J	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U	0.63 U
o-Xylene	95-47-6	5	0.63 J	0.59 U	0.59 U	0.59 U	0.8 J	0.59 U	0.59 U	0.59 U	0.59 U
p/m-Xylene	179601-23-1	5	0.94 J	0.78 U	0.78 U	0.78 U	1.2	0.78 U	0.78 U	0.78 U	0.78 U
sec-Butylbenzene	135-98-8	5	1.9 J	0.62 U	0.62 U	0.62 U	4	0.62 U	0.62 U	3.9	0.62 U
Styrene	100-42-5	5	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
tert-Butylbenzene	98-06-6	5	1 J	0.69 U	0.69 U	0.69 U	0.97 J	0.69 U	0.69 U	0.69 U	0.69 U
Tetrachloroethene	127-18-4	5	0.56 U	0.56 U	7.7	0.56 U	0.56 U	0.56 U	0.56 U	1.5	0.56 U
Toluene	108-88-3	5	0.49 U	0.49 U	0.49 U	0.49 U	0.61 J	0.49 U	0.49 U	0.49 U	0.49 U
trans-1,2-Dichloroethene	156-60-5	5	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
trans-1,3-Dichloropropene	10061-02-6	0.4	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
trans-1,4-Dichloro-2-butene	110-57-6	5	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U
Trichloroethene	79-01-6	5	0.53 U	0.53 U	0.86 J	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Trichlorofluoromethane	75-69-4	5	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Vinyl acetate	108-05-4	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	75-01-4	2	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U
Xylenes, Total	1330-20-7	NS	1.6	0.59 U	0.59 U	0.59 U	2	0.59 U	0.59 U	0.59 U	0.59 U

Notes:
(1) NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998
NS - No Standard
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL.
U - The analyte was analyzed for, but was not detected above the reported sample quantification limit. The assocaited numerical value is the sample quantitation limit.
Highlighted values indicate exceedance of the NYSDEC AWQS

Table 8
Groundwater SVOCs Analytical Data
60 Alexander Street, Yonkers, NY

Client Sample ID: Sampling Date: Laboratory ID:	CAS Number	NYSDEC Groundwater Quality Standards	MW001 7/30/2025 JE16259-1	MW002 7/30/2025 JE16259-2	MW003 7/30/2025 JE16259-3	MW004 7/30/2025 JE16259-4	MW005 7/30/2025 JE16259-5	MW006 7/30/2025 JE16259-6	MW007 7/30/2025 JE16259-7	MW008 7/30/2025 JE16259-8	MW009 7/30/2025 JE16259-9
Semi-Volatile Organic Compounds by USEPA Method 8270 in µg/L											
1,2,4,5-Tetrachlorobenzene	95-94-3	5	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
1,2,4-Trichlorobenzene	120-82-1	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichlorobenzene	95-50-1	3	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
1,3-Dichlorobenzene	541-73-1	3	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
1,4-Dichlorobenzene	106-46-7	3	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U	0.51 U
2,4,5-Trichlorophenol	95-95-4	NS	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
2,4,6-Trichlorophenol	88-06-2	NS	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
2,4-Dichlorophenol	120-83-2	1	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U
2,4-Dimethylphenol	105-67-9	50	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
2,4-Dinitrophenol	51-28-5	10	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
2,4-Dinitrotoluene	121-14-2	5	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
2,6-Dinitrotoluene	606-20-2	5	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U
2-Chlorophenol	95-57-8	NS	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
2-Methylphenol	95-48-7	NS	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
2-Nitroaniline	88-74-4	5	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
2-Nitrophenol	88-75-5	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
3,3'-Dichlorobenzidine	91-94-1	5	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	NS	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
3-Nitroaniline	99-09-2	5	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U
4,6-Dinitro-o-cresol	534-52-1	NS	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
4-Bromophenyl phenyl ether	101-55-3	NS	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
4-Chloroaniline	106-47-8	5	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
4-Chlorophenyl phenyl ether	7005-72-3	NS	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U	0.6 U
4-Nitroaniline	100-01-6	5	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
4-Nitrophenol	100-02-7	NS	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Acetophenone	98-86-2	NS	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U
Biphenyl	92-52-4	NS	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Bis(2-chloroethoxy)methane	111-91-1	5	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
Bis(2-chloroethyl)ether	111-44-4	1	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
Bis(2-chloroisopropyl)ether	108-60-1	5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bis(2-ethylhexyl)phthalate	117-81-7	5	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
Butyl benzyl phthalate	85-68-7	50	0.86 U	0.86 U	0.86 U	0.86 U	0.86 U	0.86 U	0.86 U	0.86 U	0.86 U
Carbazole	86-74-8	NS	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U
Di-n-butylphthalate	84-74-2	50	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Di-n-octylphthalate	117-84-0	50	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Dibenzofuran	132-64-9	NS	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U	0.73 U
Diethyl phthalate	84-66-2	50	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U
Dimethyl phthalate	131-11-3	50	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Hexachlorocyclopentadiene	77-47-4	5	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Isophorone	78-59-1	50	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U	0.39 U
n-Nitrosodi-n-propylamine	621-64-7	NS	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
NDPA/DPA	86-30-6	50	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Nitrobenzene	98-95-3	0.4	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
p-Chloro-m-cresol	59-50-7	NS	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U	0.53 U
Phenol	108-95-2	1	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U
2-Chloronaphthalene	91-58-7	10	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U	0.43 U
2-Methylnaphthalene	91-57-6	NS	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U
Acenaphthene	83-32-9	20	2.4	0.61 U	0.61 U	0.61 U	0.89 J	0.61 U	0.61 U	0.61 U	0.61 U
Acenaphthylene	208-96-8	NS	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U	0.42 U
Anthracene	120-12-7	50	0.61 J	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U	0.56 U
Benzo(a)anthracene	56-55-3	0.002	0.125	0.0355 J	0.024 U	0.0292 J	0.0615	0.024 U	0.024 U	0.036 J	0.0378 J
Benzo(a)pyrene	50-32-8	0	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U	0.024 U
Benzo(b)fluoranthene	205-99-2	0.002	0.0257 J	0.0295 J	0.024 U	0.024 U	0.0297 J	0.024 U	0.024 U	0.024 U	0.0291 J
Benzo(ghi)perylene	191-24-2	NS	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U	0.64 U
Benzo(k)fluoranthene	207-08-9	0.002	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Chrysene	218-01-9	0.002	0.0771 J	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Dibenzo(a,h)anthracene	53-70-3	NS	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Fluoranthene	206-44-0	50	1.9	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U
Fluorene	86-73-7	50	1.6	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U	0.59 U
Hexachlorobenzene	118-74-1	0.04	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.0205
Hexachlorobutadiene	87-68-3	0.5	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
Hexachloroethane	67-72-1	5	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U	0.04 U
Naphthalene	91-20-3	10	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U	0.44 U
Pentachlorophenol	87-86-5	1	0.0686 J	0.0611 J	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Phenanthrene	85-01-8	50	1.8	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
Pyrene	129-00-0	50	1.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Notes:
(1) NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998
MW005 was re-installed in 2021; therefore, the screened intervals are different between the 2019 and 2021 sampling events.
NS - No Standard
NA - Not Analyzed
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL.
U - The analyte was analyzed for, but was not detected above the reported sample quantification limit. The assocaited numerical value is the sample quantitation limit.
Highlighted values indicate exceedance of the NYSDEC AWQS

Table 9
Groundwater Metal Analytical Data
60 Alexander Street, Yonkers, NY

Client Sample ID: Sampling Date: Laboratory ID: Sample Type:	CAS Number	NYSDEC Groundwater Quality Standards (1)	MW001 7/30/2025 JE16259-1 Total	MW002 7/30/2025 JE16259-2 Total	MW003 7/30/2025 JE16259-3 Total	MW004 7/30/2025 JE16259-4 Total	MW005 7/30/2025 JE16259-5 Total	MW006 7/30/2025 JE16259-6 Total	MW007 7/30/2025 JE16259-7 Total	MW008 7/30/2025 JE16259-8 Total	MW009 7/30/2025 JE16259-9 Total
Metals by USEPA Method 6010 in µg/L											
Aluminum	7429-90-5	NS	200 U	397	200 U	203	200 U	218	200 U	200 U	522
Antimony	7440-36-0	3	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
Arsenic	7440-38-2	25	3 U	3.7	3 U	3 U	3 U	4.9	3 U	3 U	3 U
Barium	7440-39-3	1,000	289	355	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Beryllium	7440-41-7	3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Cadmium	7440-43-9	5	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U
Calcium	7440-70-2	NS	158,000	161,000	76,900	102,000	134,000	67,200	111,000	108,000	85,700
Chromium	7440-47-3	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cobalt	7440-48-4	NS	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Copper	7440-50-8	200	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	29.2
Iron	7439-89-6	300	29,600	39,200	5,290	20,400	17,900	15,700	11,500	18,200	13,300
Lead	7439-92-1	25	5.6	19.9	6.1	8.3	9	10	5.8	5.4	22.3
Magnesium	7439-95-4	35,000	24,900	23,400	11,500	19,500	20,400	9,500	19,300	17,400	13,300
Manganese	7439-96-5	300	719	903	179	1,070	745	362	814	807	464
Mercury	7439-97-6	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.26	0.2 U	0.2 U	0.2 U
Nickel	7440-02-0	100	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Potassium	7440-09-7	NS	10,000 U	10,000 U	10,000 U	10,900	12,200	10,000 U	10,300	11,900	10,000 U
Selenium	7782-49-2	10	10 U	10 U	10.2	10 U	10 U	10 U	10 U	10 U	10 U
Silver	7440-22-4	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Sodium	7440-23-5	20,000	82,300	54,900	46,900	75,800	77,400	33,200	32,500	37,500	39,200
Thallium	7440-28-0	0.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Vanadium	7440-62-2	NS	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Zinc	7440-66-6	2,000	31.3	23	50.2	20 U	20 U	20 U	20 U	20 U	20 U

Notes:
(1) NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998
NS - No Standard
NA - Not Analyzed
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL.
U - The analyte was analyzed for, but was not detected above the reported sample quantification limit. The assocaited numerical value is the sample quantitation limit.
Highlighted values indicate exceedance of the NYSDEC AWQS

Table 10
Groundwater PCB and Pesticide Analytical Data
60 Alexander Street, Yonkers, NY

Client Sample ID: / Sampling Date: / Laboratory ID:	CAS Number	NYSDEC Groundwater Quality Standards	MW001 7/30/2025 JE16259-1	MW002 7/30/2025 JE16259-2	MW003 7/30/2025 JE16259-3	MW004 7/30/2025 JE16259-4	MW005 7/30/2025 JE16259-5	MW006 7/30/2025 JE16259-6	MW007 7/30/2025 JE16259-7	MW008 7/30/2025 JE16259-8	MW009 7/30/2025 JE16259-9
Organochlorine Pesticides by USEPA Method 8081 in µg/L											
4,4'-DDD	72-54-8	0.3	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U	0.0046 U
4,4'-DDE	72-55-9	0.2	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U	0.004 U
4,4'-DDT	50-29-3	0.2	0.0055 U	0.0055 U	0.0055 U	0.019	0.0055 U	0.0055 U	0.0055 U	0.0055 U	0.0055 U
Aldrin	309-00-2	0	0.0041 U	0.0041 U	0.0041 U	0.0041 U	0.0041 U	0.0041 U	0.0041 U	0.0041 U	0.0041 U
Alpha-BHC	319-84-6	0.01	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U
Beta-BHC	319-85-7	0.04	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U	0.0064 U
cis-Chlordane	5103-71-9	NS	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
Delta-BHC	319-86-8	0.04	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U	0.0053 U
Dieldrin	60-57-1	0.004	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U	0.0061 U
Endosulfan I	959-98-8	NS	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U	0.0042 U
Endosulfan II	33213-65-9	NS	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U	0.0039 U
Endosulfan sulfate	1031-07-8	NS	0.0044 U	0.0044 U	0.0044 U	0.0044 U	0.0044 U	0.0044 U	0.0044 U	0.0044 U	0.0044 U
Endrin	72-20-8	0	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U
Endrin aldehyde	7421-93-4	5	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
Endrin ketone	53494-70-5	5	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Heptachlor	76-44-8	0.04	0.0036 U	0.0036 U	0.0036 U	0.0036 U	0.0036 U	0.0036 U	0.0036 U	0.0036 U	0.0036 U
Heptachlor epoxide	1024-57-3	0.03	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U
Lindane	58-89-9	0.05	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U	0.0048 U
Methoxychlor	72-43-5	35	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U	0.0054 U
Toxaphene	8001-35-2	0.06	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
trans-Chlordane	5103-74-2	NS	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U	0.0034 U
Polychlorinated Biphenyls by USEPA Method 8082 in µg/L											
Aroclor 1016	12674-11-2	0.09	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
Aroclor 1221	11104-28-2	0.09	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
Aroclor 1232	11141-16-5	0.09	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U	0.21 U
Aroclor 1242	53469-21-9	0.09	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U
Aroclor 1248	12672-29-6	0.09	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
Aroclor 1254	11097-69-1	0.09	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor 1260	11096-82-5	0.09	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Aroclor 1262	37324-23-5	0.09	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
Aroclor 1268	11100-14-4	0.09	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.14 U

Notes:
(1) NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998
NS - No Standard
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL.
U - The analyte was analyzed for, but was not detected above the reported sample quantification limit. The assocaited numerical value is the sample quantitation limit.
Highlighted values indicate exceedance of the NYSDEC AWQS

Table 11
Groundwater PFAS Analytical Data
60 Alexander Street, Yonkers, NY

Client Sample ID: Sampling Date: Laboratory ID:	CAS Number	NYSDEC Groundwater Quality Standards (1)	MW001 7/30/2025 JE16259-1	MW002 7/30/2025 JE16259-2	MW003 7/30/2025 JE16259-3	MW004 7/30/2025 JE16259-4	MW005 7/30/2025 JE16259-5	MW006 7/30/2025 JE16259-6	MW007 7/30/2025 JE16259-7	MW008 7/30/2025 JE16259-8	MW009 7/30/2025 JE16259-9
PFAS by USEPA modified method 537.1 in µg/L											
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	NS	0.0014 U	0.0014 U	0.0014 U	0.0014 U	0.0014 U	0.0014 U	0.0014 U	0.0014 U	0.0015 U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	NS	0.00089 U	0.004 J	0.0009 U	0.0009 U	0.00089 U	0.0023 J	0.00087 U	0.00088 U	0.00093 U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSA/	2991-50-6	NS	0.00089 U	0.0009 U	0.0009 U	0.0009 U	0.0034	0.0009 U	0.00087 U	0.00088 U	0.00093 U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFO	2355-31-9	NS	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.00049 U	0.00049 U	0.00052 U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	0.0099	0.0058	0.0029	0.002	0.0048	0.0054	0.003	0.0047	0.0039
Perfluorobutanoic Acid (PFBA)	375-22-4	NS	0.0134	0.0074 J	0.0061 J	0.0068 J	0.0181	0.0049 J	0.0066 J	0.0009 U	0.0088
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.001 U	0.0011 U	0.0011 U
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	0.0006 U	0.00061 U	0.00061 U	0.00061 U	0.0006 J	0.00061 U	0.00059 U	0.0006 U	0.00063 U
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	0.00075 U	0.00076 U	0.00076 U	0.00076 U	0.00075 U	0.00076 U	0.00073 U	0.00075 U	0.00078 U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	0.0029	0.0016 J	0.00096 U	0.00097 U	0.0015 J	0.00097 U	0.00093 U	0.00095 U	0.001 U
Perfluoroheptanoic Acid (PFHpA)	375-85-9	NS	0.0055	0.0028	0.0021	0.0035	0.0046	0.0017 J	0.0031	0.0024	0.0024
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	0.0114	0.0089	0.0011 U	0.0017 J	0.0051	0.002	0.0015 J	0.0025	0.0016 J
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	0.0134	0.0128	0.005	0.0064	0.0095	0.0021	0.0037	0.0041	0.0048
Perfluorononanoic Acid (PFNA)	375-95-1	NS	0.001 J	0.00095 J	0.00075 J	0.0013 J	0.003	0.00039 U	0.00068 J	0.0011 J	0.00067 J
Perfluorooctanesulfonamide (FOSA)	754-91-6	NS	0.00067 U	0.00068 U	0.00068 U	0.00068 U	0.0015 J	0.00068 U	0.00066 U	0.0014 J	0.0007 U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.0027	0.0552	0.0225	0.0066	0.0063	0.222	0.0061	0.009	0.009	0.0092
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0067	0.0341	0.0207	0.0109	0.0252	0.0297	0.0085	0.0193	0.0166	0.0154
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	0.0157	0.0144	0.0056	0.0072	0.0142	0.0031 J	0.0041	0.0067	0.0053
Perfluorotetradecanoic Acid (PFTA)	376-06-7	NS	0.00074 U	0.00075 U	0.00075 U	0.00075 U	0.00074 U	0.00075 U	0.00072 U	0.00074 U	0.00077 U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	0.00077 U	0.00078 U	0.00078 U	0.00078 U	0.00077 U	0.00078 U	0.00075 U	0.00077 U	0.0008 U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00054 U	0.00052 U	0.00053 U	0.00056 U
Semi-Volatile Organic Compounds by USEPA Method 8270 in µg/L SIM											
1,4-Dioxane	123-91-1	0.35	0.364	0.2 U	0.2 U	1.67	0.201 J	0.509	0.635	1.08	0.601

Notes:
(1) NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998, February 2023 Addendum
NS - No Standard
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL.
U - The analyte was analyzed for, but was not detected above the reported sample quantification limit. The assocaited numerical value is the sample quantitation limit.
F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
Highlighted values indicate exceedance of the NYSDEC AWQS

Table 12
Soil Vapor / Ambient Air VOC Analytical Data
60 Alexander Street, Yonkers, NY

Sample ID:		SV001	SV002	SV003	SSSV002	SSSV001	IA001	SSSV003	IA002	OA001
Type of Sample:		Soil Vapor	Soil Vapor	Soil Vapor	Sub-Slab	Sub-Slab	Indoor Air	Sub-Slab	Indoor Air	Outdoor Air
Sample Depth:	CAS Number	6'	6'	6'	N/A	N/A	N/A	N/A	N/A	N/A
Sampling Date:		7/30/2025	7/30/2025	7/30/2025	7/30/2025	7/30/2025	7/30/2025	7/30/2025	7/30/2025	7/30/2025
Lab Sample ID:		JE16257-1	JE16257-8	JE16257-9	JE16257-5	JE16257-3	JE16257-4	JE16257-6	JE16257-7	JE16257-2
Volatile Organics in Air in µg/m3										
1,1,1-Trichloroethane	71-55-6	6.5 U	1.7 U	1.5	0.87 U	0.43 U	0.34 U	23 U	0.34 U	0.34 U
1,1,2,2-Tetrachloroethane	79-34-5	5.3 U	1.3 U	0.66 U	0.66 U	0.33 U	0.26 U	18 U	0.26 U	0.26 U
1,1,2-Trichloroethane	79-00-5	3.3 U	0.82 U	0.41 U	0.41 U	0.21 U	0.16 U	11 U	0.16 U	0.16 U
1,1-Dichloroethane	75-34-3	3.7 U	0.93 U	0.45 U	0.45 U	0.23 U	0.19 U	13 U	0.19 U	0.19 U
1,1-Dichloroethene	75-35-4	3.7 U	0.95 U	0.48 U	0.48 U	0.23 U	0.19 U	13 U	0.19 U	0.19 U
1,2,4-Trichlorobenzene	120-82-1	14 U	3.6 U	1.8 U	1.8 U	0.89 U	0.72 U	50 U	0.72 U	0.72 U
1,2,4-Trimethylbenzene	95-63-6	6.9 U	1.7 U	0.84 U	0.84 U	0.43 U	0.34 U	24 U	0.34 U	0.34 U
1,2-Dibromoethane	106-93-4	3.7 U	0.92 U	0.46 U	0.46 U	0.23 U	0.18 U	13 U	0.18 U	0.18 U
1,2-Dichlorobenzene	95-50-1	6.6 U	1.7 U	0.84 U	0.84 U	0.41 U	0.33 U	23 U	0.33 U	0.33 U
1,2-Dichloroethane	107-06-2	4.5 U	1.1 U	0.57 U	0.57 U	0.28 U	0.23 U	16 U	0.23 U	0.23 U
1,2-Dichloropropane	78-87-5	4.6 U	1.2 U	0.55 U	0.55 U	0.29 U	0.23 U	16 U	0.23 U	0.23 U
1,3,5-Trimethylbenzene	108-67-8	6.4 U	1.6 U	0.79 U	0.79 U	0.39 U	0.31 U	22 U	0.31 U	0.31 U
1,3-Butadiene	106-99-0	2.9 U	0.75 U	0.38 U	0.38 U	0.19 U	0.15 U	10 U	0.15 U	0.15 U
1,3-Dichlorobenzene	541-73-1	2.7 U	0.66 U	0.34 U	0.34 U	0.17 U	0.13 U	9 U	0.13 U	0.13 U
1,4-Dichlorobenzene	106-46-7	7.8 U	1.9 U	0.96 U	0.96 U	0.47 U	0.38 U	26 U	0.38 U	0.38 U
1,4-Dioxane	123-91-1	2.8 U	0.68 U	0.35 U	0.35 U	0.17 U	0.14 U	9.4 U	0.14 U	0.14 U
2,2,4-Trimethylpentane	540-84-1	4,470	0.75 U	0.37 U	0.37 U	0.19 U	0.65 J	10 U	0.75	1.1
2-Butanone	78-93-3	115	16	11	1.9	2	2	170	8	2
2-Hexanone	591-78-6	9.4 U	4.1	2.1	1.2 U	0.61 U	0.49 U	33 U	0.49 U	0.49 U
3-Chloropropene	107-05-1	4.1 U	1 U	0.53 U	0.53 U	0.26 U	0.21 U	14 U	0.21 U	0.21 U
4-Ethyltoluene	622-96-8	7.4 U	1.9 U	0.93 U	0.93 U	0.47 U	0.37 U	26 U	0.37 U	0.37 U
4-Methyl-2-pentanone	108-10-1	4.9 U	1.2 U	0.61 U	0.61 U	0.3 U	0.36 J	16 U	0.24 U	0.24 U
Acetone	67-64-1	1,920	295	176	18	13	22	763	12	44
Benzene	71-43-2	2.4 U	0.61 U	0.3 U	0.67 J	0.38 J	0.89	8.3 U	0.45 J	1.2
Benzyl chloride	100-44-7	10 U	2.6 U	1.3 U	1.3 U	0.67 U	0.52 U	36 U	0.52 U	0.52 U
Bromodichloromethane	75-27-4	3.2 U	0.8 U	0.4 U	0.4 U	0.2 U	0.16 U	11 U	0.16 U	0.16 U
Bromoform	75-25-2	11 U	2.9 U	1.4 U	1.4 U	0.73 U	0.59 U	40 U	0.59 U	0.59 U
Bromomethane	74-83-9	4.3 U	1.1 U	0.54 U	0.54 U	0.27 U	0.21 U	15 U	0.21 U	0.21 U
Carbon disulfide	75-15-0	5.6 U	3.1	0.72 U	0.78 J	0.47 J	0.28 U	19 U	0.28 U	0.28 U
Carbon tetrachloride	56-23-5	4 U	1 U	0.5 U	0.5 U	0.25 U	0.2 U	14 U	0.2 U	0.2 U
Chlorobenzene	108-90-7	5.5 U	1.4 U	0.69 U	0.69 U	0.34 U	0.27 U	19 U	0.27 U	0.27 U
Chloroethane	75-00-3	2.9 U	0.71 U	0.37 U	0.37 U	0.18 U	0.14 U	10 U	0.14 U	0.14 U
Chloroform	67-66-3	2.9 U	3.7 J	0.36 U	0.36 U	0.18 U	0.15 U	9.8 U	0.15 U	0.15 U
Chloromethane	74-87-3	2.9 U	0.89 J	0.68 J	0.43 J	0.35 J	0.95	10 U	0.87	1.7
cis-1,2-Dichloroethene	156-59-2	1.9 U	0.48 U	0.24 U	0.24 U	0.12 U	0.095 U	105	0.095 U	0.095 U
cis-1,3-Dichloropropene	10061-01-5	4.5 U	1.1 U	0.54 U	0.54 U	0.28 U	0.23 U	15 U	0.23 U	0.23 U
Cyclohexane	110-82-7	156	0.62 U	0.31 U	0.31 U	0.15 U	0.52 J	8.6 U	0.38 J	1.1
Dibromochloromethane	124-48-1	17 U	4.2 U	2 U	2 U	1 U	0.83 U	57 U	0.83 U	0.83 U
Dichlorodifluoromethane	75-71-8	8.4 U	2.8 J	2.1	2.1	2	1.5	28 U	1.5	2.2
Ethanol	64-17-5	188	13	9	3.2	2.1	9	97.8	5.8	13
Ethyl Acetate	141-78-6	20	14	13	8.3	13	8.6	21 U	8.6	19
Ethylbenzene	100-41-4	4.3 U	1 U	0.52 U	0.52 U	0.61 J	0.48 J	15 U	0.21 U	0.48 J
Freon-113	76-13-1	3.8 U	0.92 U	0.48 U	0.48 U	0.24 U	0.19 U	13 U	0.19 U	0.19 U
Freon-114	76-14-2	5.6 U	1.4 U	0.7 U	0.7 U	0.35 U	0.28 U	20 U	0.28 U	0.28 U
Heptane	142-82-5	6.1 U	1.5 U	0.74 U	0.74 U	0.37 U	0.53 J	20 U	0.33 J	0.74
Hexachlorobutadiene	87-68-3	11 U	2.7 U	1.3 U	1.3 U	0.66 U	0.53 U	36 U	0.53 U	0.53 U
Isopropanol	67-63-0	35.6	2.3	1.5	1.1	0.98	2.3	246	1.2	6.9
Methyl tert butyl ether	1634-04-4	4.7 U	1.2 U	0.58 U	0.58 U	0.29 U	0.23 U	16 U	0.23 U	0.23 U
Methylene chloride	75-09-2	7.3 U	1.8 U	1.6	0.94 U	1.7	0.8	25 U	1	1.9
Naphthalene	91-20-3	10 U	2.7 U	1.3 U	1.3 U	0.68 U	0.52 U	50 J	0.52 U	0.52 U
n-Hexane	110-54-3	31	2.3 J	1.5	1.1 J	0.92	1.3	10 U	0.99	2.2
o-Xylene	95-47-6	5.2 U	1.3 U	0.65 U	0.65 U	1.8	0.61 J	39 J	0.56 J	0.43 J
p/m-Xylene	179601-23-1	9.6 U	2.4 U	1.2 U	1.3 J	3.2	1.5	57.8	0.61 J	1.2
Styrene	100-42-5	3.6 U	0.89 U	0.47 U	0.47 U	0.23 U	0.18 U	12 U	0.18 U	0.18 U
Tertiary butyl Alcohol	75-65-0	1,610	90.6	59.7	6.1	1.8	0.76	48.5	0.28 J	14
Tetrachloroethene	127-18-4	5.4	8.1	258	559	18	3.9	36,800	0.81	0.16 U
Tetrahydrofuran	109-99-9	4.1 U	1.1 U	0.53 U	0.53 U	0.27 U	0.21 U	15 U	0.21 U	0.21 U
Toluene	108-88-3	8 J	0.87 U	0.9 J	0.75 J	1.2	2.2	12 U	1.2	3.2
trans-1,2-Dichloroethene	156-60-5	4.4 U	1.1 U	0.56 U	0.56 U	0.27 U	0.22 U	39 J	0.22 U	0.22 U
trans-1,3-Dichloropropene	10061-02-6	7.3 U	1.8 U	0.91 U	0.91 U	0.45 U	0.37 U	25 U	0.37 U	0.37 U
Trichloroethene	79-01-6	1.6 U	0.41 U	8.6	20	0.28	0.081 U	1,690	0.081 U	0.081 U
Trichlorofluoromethane	75-69-4	5.1 U	2.6	1.4	1.2	1.6	0.9	17 U	0.96	1.2
Vinyl bromide	593-60-2	4.3 U	1 U	0.52 U	0.52 U	0.27 U	0.21 U	15 U	0.21 U	0.21 U
Vinyl chloride	75-01-4	2.8 U	0.72 U	0.36 U	0.36 U	0.18 U	0.14 U	9.7 U	0.14 U	0.14 U

Notes:
NS - No Standard
U - The compound was not detected at the indicated concentration
J - An estimated concentration
Shaded text denotes detected concentrations greater than laboratory reporting limits

APPENDIX A

PRECISION GPR
Professional Ground Penetrating Radar Services
PO Box 419 • Mays Landing, NJ 08330 • P) (609) 829-2407• F) (609) 625-4306
info@precisiongprllc.com • www.precisiongprllc.com

PURPOSE

The purpose of this project was to locate and mark underground utilities at 60 Alexander St, Yonkers NY, in preparation for soil borings.

EQUIPMENT

- **GSSI SIR 4000 GPR Control Unit.** This is GSSI's industry leading GPR data acquisition unit. It is compatible with both analog and digital antennas of any GPR frequency and can be used for any GPR project from concrete scanning, utility scans, bridge and road road surface scans.
- **GSSI 350 MHz Hyper Stacking GPR Antenna.** The 350Mhz frequency is well suited for medium depth investigation such as utility investigations and is equipped with GSSI's hyper stacking technology. This technology improves the signal-to-noise ratio by stacking (averaging) multiple radar signals in real time. It is particularly beneficial in areas with high electromagnetic interference (EMI) such as urban environments.
- **Vivax Metrotech Vloc Pro3 RTK Utility locator.** The Vloc Pro3 is a high precision locating device designed to identify, trace, and map buried utilities. It combines advanced electromagnetic utility detection with integrated real-time kinematic (RTK) GPS for accurate georeferencing of utility locations. The integrated RTK GPS provides survey grade centimeter-level accuracy. This locator supports a range of frequencies for detecting different types of utilities (e.g., electrical lines, communication lines, gas pipes, water lines, and tracer wires.) It is configurable for active and passive detection, enabling the location of utilities with or without direct signal application.
- **Schonstedt GA-52Cx Magnetic Locator.** A Magnetic field detector specifically designed to detect ferromagnetic objects such as iron, steel, and other ferrous metals. This would include buried manhole covers, valves, and USTs. It is capable of detecting deeply buried objects (greater than 10ft) depending on the objects size.

PROCESS

The survey was conducted in two primary phases: Utility Locating and GPR Survey. These phases were designed to complement each other, ensuring a thorough identification of subsurface utilities, underground storage tanks (USTs), voids, and other anomalies.

Phase 1: Utility Locating

The first step in the process was utility locating, which began with a thorough review of site plans, utility maps, and as-built drawings provided by the client. These documents helped establish the location of known utilities and identified potential areas of interest for further investigation. A visual inspection of the site was also conducted to identify surface markers such as manhole covers, valve boxes, and painted utility markings from previous surveys.

Active and passive electromagnetic utility detection was then performed using the Vivax Metrotech V-Loc Pro3 RTK. This device was used to trace all known and unknown utility lines, including electrical, gas, water, and telecommunications infrastructure. The V-Loc Pro3 RTK applied an active signal to accessible utilities through direct connections, clamps, or induction methods. The depth, alignment, and positional coordinates of the detected utilities were recorded using the integrated RTK GPS to ensure precise georeferencing.

To locate ferrous objects, a Schonstedt GA-52Cx Magnetic Locator was employed. This phase focused on areas where USTs were suspected, based on site history, visual observations, or client-provided information. The magnetic locator was also used to identify steel pipelines, valve covers, and manhole lids that might not emit an active electromagnetic signal. Detected objects were marked on-site to facilitate cross-referencing with the subsequent GPR survey.

Phase 2: GPR Survey

Following the utility locating phase, a detailed GPR survey was conducted using the GSSI SIR 4000 Controller paired with the 350 MHz HyperStacking Antenna. The survey involved systematically scanning the site in a grid pattern, focusing on detecting utilities, USTs, voids, and other subsurface features. The antenna settings and scan frequencies were carefully adjusted to balance depth penetration with resolution, depending on the site's specific conditions.

As the GPR survey progressed, data was collected and analyzed in real time to identify subsurface features. Utilities, USTs, and voids were detected based on characteristic hyperbolic reflections or disruptions in the radargram. Each identified feature's depth and relative position were logged, and findings from this phase were cross-referenced with data collected during the utility locating phase to validate and refine the results. Any discrepancies or ambiguous signals were further investigated using additional scans or alternative methods to ensure accuracy.

The final step in the GPR survey was data processing and analysis. The collected radar data was reviewed to refine interpretations of subsurface features, producing a detailed map of utility paths, UST locations, and any anomalous objects in relation to the site coordinates. All confirmed features were marked on the surface using standardized color codes or physical markers to guide future activities on the site.

LIMIATIONS AND LEGAL DISCLAIMER

Limitations of Ground Penetrating Radar (GPR)

Ground Penetrating Radar (GPR) is a highly effective tool for locating subsurface features, but it has inherent limitations that may affect the accuracy and completeness of survey results. The accuracy of GPR data is influenced by site-specific conditions such as soil composition, moisture content, and the presence of conductive materials. For instance, clay-rich or highly saturated soils can significantly attenuate radar signals, reducing the penetration depth and resolution of the system. Similarly, areas with extensive subsurface clutter, overlapping utilities, or reinforced concrete structures may produce signal interference or ambiguous reflections that complicate interpretation.

While GPR is well-suited for detecting utilities, USTs, and voids, it cannot identify non-conductive or non-reflective materials such as plastic or fiberglass pipes unless they are accompanied by a detectable void or anomaly. Additionally, depth estimates are approximate and based on the assumption of

uniform subsurface conditions, which may not always be accurate. The system cannot detect utilities or features located outside the effective scanning range or those obscured by other subsurface conditions.

Legal Disclaimer

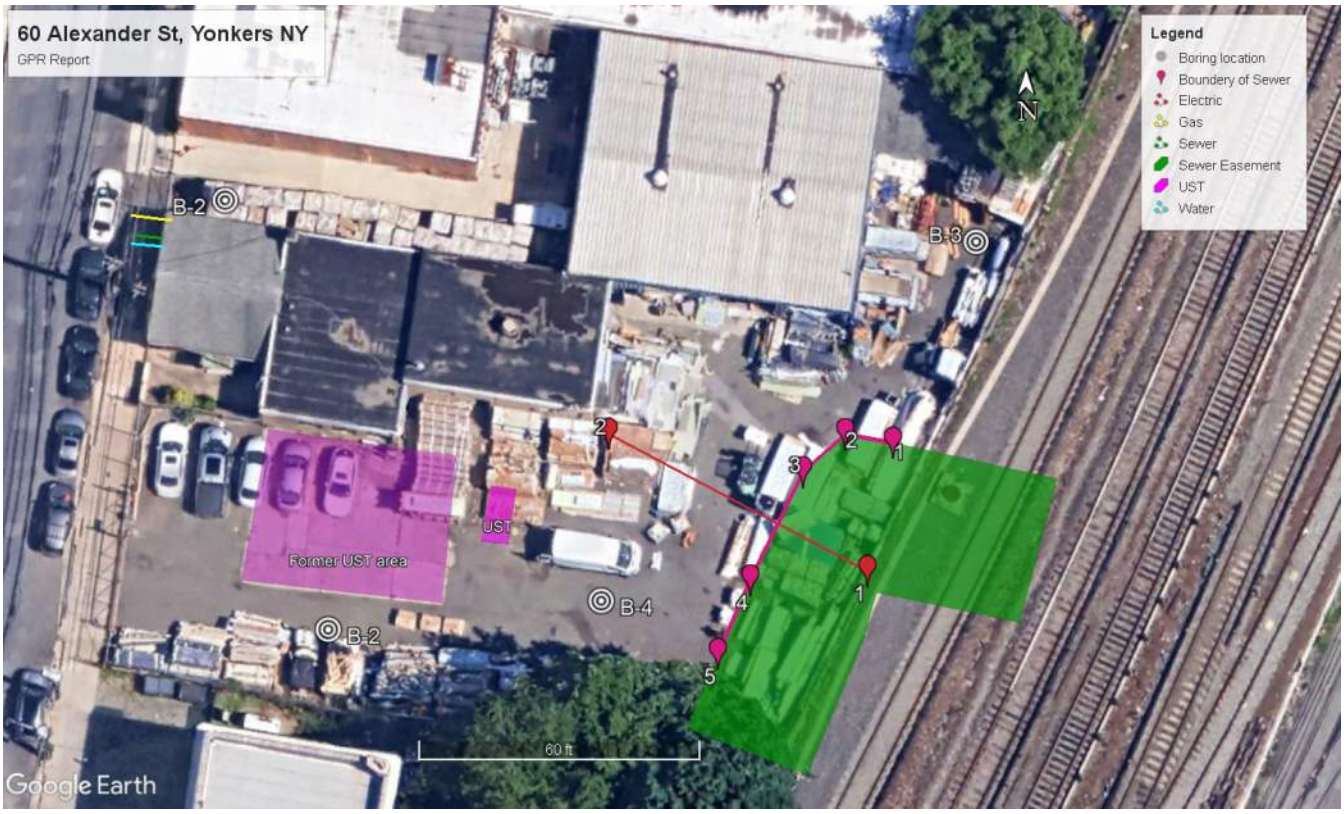
The findings presented in this report are based on the data collected during the survey and the interpretation of GPR and utility locating equipment. While every effort has been made to ensure the accuracy and reliability of the results, absolute certainty cannot be guaranteed due to the inherent limitations of the technology and site conditions. The identification and mapping of subsurface features are provided as a service to assist in project planning and risk mitigation.

We assume no responsibility for any damage to utilities, structures, or other subsurface features during excavation, construction, or other site activities. It is the responsibility of the client or site operator to confirm the locations of all utilities and features through additional means, such as potholing or consulting with utility providers. This report does not replace the legal requirement to contact local utility locating services (e.g., 811 or equivalent) prior to excavation.

By utilizing this report and associated findings, the client acknowledges and accepts these limitations and agrees to indemnify and hold harmless the surveyor or surveying company from any claims, liabilities, or damages arising from the use or interpretation of the data provided.

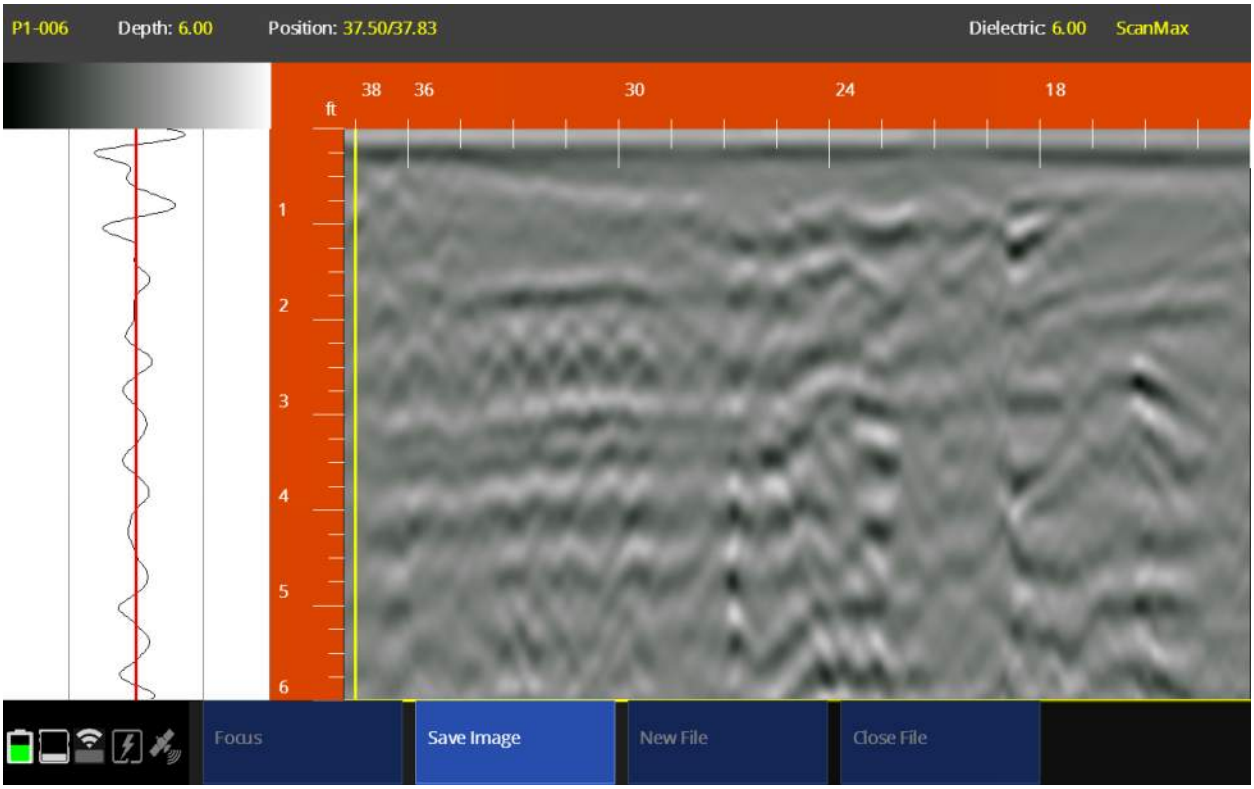
FINDINGS

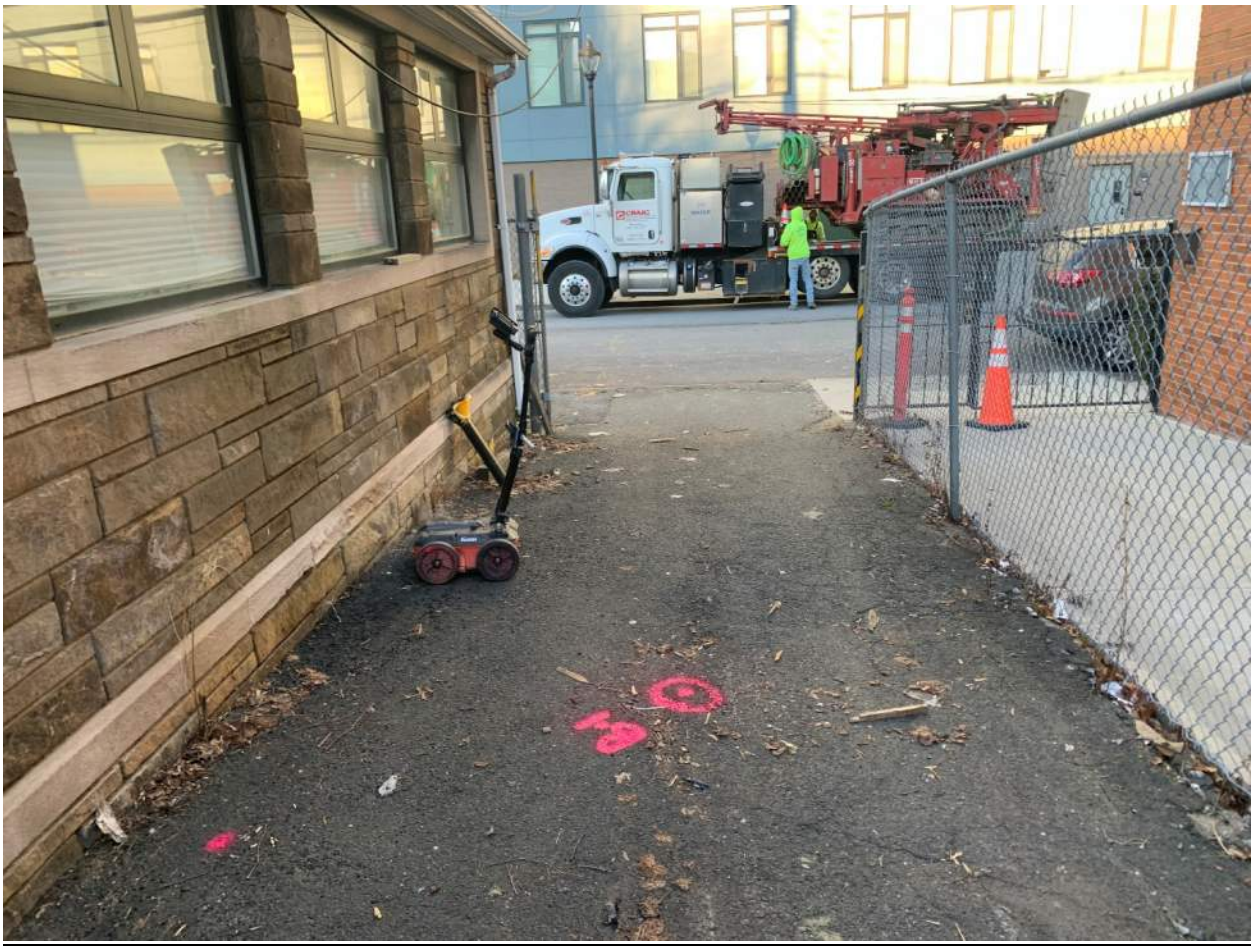
The following pages will provide our findings.



All the utilities in on the property were investigated and marked with paint in the field and marked with paint on the ground. All public utilities entered in the front of the main building, with the exception of the sewer/sewers in the easement on the east side of the property. Gas, Water, and Sewer were marked and the Electric and communications are overhead.

The manholes for the sewer easement were all either inaccessible or I was unable to open because of a double manhole cover with key. The area of the sewer easement was however raised from the surrounding asphalt and the concrete of the structure was visible with the GPR (Pictured Below)





JGU-1686

Closing

Precision appreciates the opportunity to offer our services, and we look forward to continuing to work with you on future projects. Please feel free to contact us for additional information or with any questions you may have regarding this report.

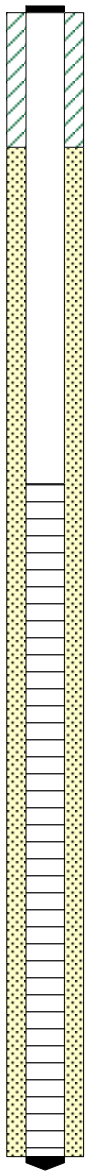
APPENDIX B

PROJECT #:	ALE2501
SITE ADDRESS:	60 Alexander Street
BORING ID:	SB011
WELL ID:	MW006
DRILLING CONTRACTOR:	Coastal Environmental Solutions Inc.
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	Geoprobe 7822DT
SAMPLING METHOD:	Macrocore

PWGC

BORING DEPTH (FT): 20	CORE LENGTH (FT): 5
BORING DIAMETER (IN): 2	WELL DIAMETER (IN): N/A
DATE STARTED: 07/09/2025	DATE FINISHED: 07/09/2025
TIME STARTED: 07:00	TIME FINISHED: 18:00
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Zeb Youngman	LOGGED BY: Robert D'Albora

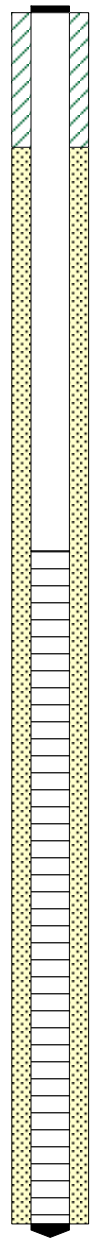
DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)
0				Asphalt Pavement, 6" Thick	
0 to 10			3.5	HISTORIC FILL (FILL): Grey, brown, red and black fill material, rock fragments, and brown medium to fine soil with silty sand from 10-16'; dry from 0-10, moist from 10-15'.	0
10 to 15			2.5		
15 to 18			3.5		
17 to 18			3.5	INORGANIC SILTS WITH SILTY OF CLAYEY FINE SANDS (ML): Black clay with sandy soil; moist.	0
18 to 20				SILTY SAND (SM): Black medium to fine grained sand; wet.	0



P.W. Grosser Consulting	**End of Boring Depth (feet):** 20	**Water Table Symbol:** ▼	Page 1 of 1

PROJECT #:	ALE2501		
SITE ADDRESS:	60 Alexander Street		
BORING ID:	SB012	BORING DEPTH (FT): 20	CORE LENGTH (FT): 3
WELL ID:	MW007	BORING DIAMETER (IN): 2	WELL DIAMETER (IN): N/A
DRILLING CONTRACTOR:	Coastal Environmental Solutions Inc.	DATE STARTED: 07/09/2025	DATE FINISHED: 07/09/2025
DRILLING METHOD:	Direct Push	TIME STARTED: 07:00	TIME FINISHED: 18:00
DRILLING EQUIPMENT:	Geoprobe 7822DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Zeb Youngman	LOGGED BY: Robert D'Albora

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)
0				Asphalt Pavement, 6" Thick	
1				Concrete slab	
2			3.5	HISTORIC FILL (FILL): Grey, black and brown silty sand at 10-16'; concrete, asphalt, rocks; moist at 16'.	0
5			3.5		
10			2.5		
15			3	INORGANIC CLAY (CL): Grey; moist.	0
18				SILTY SAND (SM): Grey medium to fine grained sand; wet.	0
20					



PROJECT #:	ALE2501		
SITE ADDRESS:	60 Alexander Street		
BORING ID:	SB013	BORING DEPTH (FT): 20	CORE LENGTH (FT): 5
WELL ID:	N/A	BORING DIAMETER (IN): 2	WELL DIAMETER (IN): N/A
DRILLING CONTRACTOR:	Coastal Environmental Solutions Inc.	DATE STARTED: 07/08/2025	DATE FINISHED: 07/08/2025
DRILLING METHOD:	Direct Push	TIME STARTED: 07:00	TIME FINISHED: 15:45
DRILLING EQUIPMENT:	Geoprobe 7822DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Zeb Youngman	LOGGED BY: Robert D'Albora

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)
0				Concrete Slab	
1			2.5		
2					
3					
4					0
5			2.5		
6					
7					
8				HISTORIC FILL (FILL): Black, brown, red and grey silty sand and sandy soil; brick, asphalt, rock fragments.	0.9
9					
10			3.5		0
11					
12					
13					
14					
15			2.5		
16					
17				INORGANIC CLAY (CL): Grey; moist.	0
18				SILTY SAND (SM): Grey medium to fine grained sand; wet.	0
19					
20					

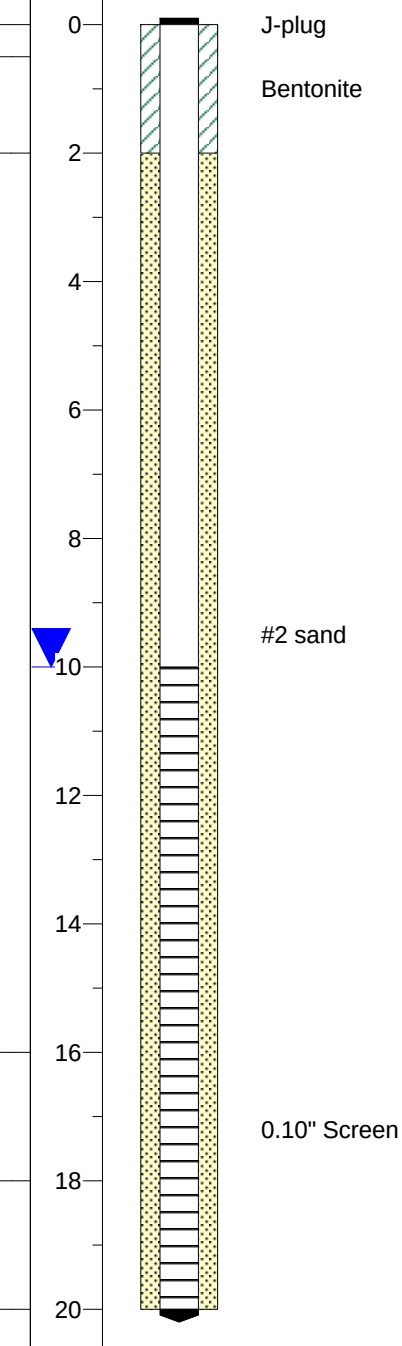
DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	

PROJECT #:	ALE2501
SITE ADDRESS:	60 Alexander Street
BORING ID:	SB014
WELL ID:	MW003
DRILLING CONTRACTOR:	Coastal Environmental Solutions Inc.
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	Geoprobe 7822DT
SAMPLING METHOD:	Macrocore

PWGC

BORING DEPTH (FT): 20	CORE LENGTH (FT): 5
BORING DIAMETER (IN): 2	WELL DIAMETER (IN): N/A
DATE STARTED: 07/07/2025	DATE FINISHED: 07/07/2025
TIME STARTED: 07:30	TIME FINISHED: 17:00
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Zeb Youngman	LOGGED BY: Robert D'Albora

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)
0					
			4	Asphalt Pavement, 6" Thick	
				Concrete slab	
2					
4					
			1		
6					
8				HISTORIC FILL (FILL): Grey, brown, and black silty sand and soil; concrete, asphalt, rock fragments; moist at 10'.	0
10					
			3		
12					
14					
			4.5		
16				INORGANIC CLAY (CL): Black; moist.	0
18				SILTY SAND (SM): Black medium to fine grained sand; wet.	0
20					



WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS

P.W. Grosser Consulting | **End of Boring Depth (feet):** 20 | **Water Table Symbol:** ▼ | Page 1 of 1

PROJECT #:	ALE2501		
SITE ADDRESS:	60 Alexander Street		
BORING ID:	SB015	BORING DEPTH (FT): 20	CORE LENGTH (FT): 5
WELL ID:	N/A	BORING DIAMETER (IN): 2	WELL DIAMETER (IN): N/A
DRILLING CONTRACTOR:	Coastal Environmental Solutions Inc.	DATE STARTED: 07/08/2025	DATE FINISHED: 07/08/2025
DRILLING METHOD:	Direct Push	TIME STARTED: 07:00	TIME FINISHED: 15:45
DRILLING EQUIPMENT:	Geoprobe 7822DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Zeb Youngman	LOGGED BY: Robert D'Albora

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0				Concrete Slab		0	
1			2		0	1	
2						2	
3						3	
4						4	
5			3.5		0	5	
6						6	
7						7	
8				HISTORIC FILL (FILL): Grey, brown and black silty sand and soil; concrete, asphalt, rock fragments; moist at 10'.		8	
9						9	
10			3		10.8	10	
11						11	
12						12	
13						13	
14						14	
15			2			15	
16						16	
17				INORGANIC CLAY (CL): Grey; moist.	0	17	
18						18	
19				SILTY SAND (SM): Grey medium to fine grained sand; wet.	0	19	
20						20	

PROJECT #:	ALE2501		
SITE ADDRESS:	60 Alexander Street		
BORING ID:	SB016	BORING DEPTH (FT): 20	CORE LENGTH (FT): 5
WELL ID:	N/A	BORING DIAMETER (IN): 2	WELL DIAMETER (IN): N/A
DRILLING CONTRACTOR:	Coastal Environmental Solutions Inc.	DATE STARTED: 07/07/2025	DATE FINISHED: 07/07/2025
DRILLING METHOD:	Direct Push	TIME STARTED: 07:30	TIME FINISHED: 17:00
DRILLING EQUIPMENT:	Geoprobe 7822DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Zeb Youngman	LOGGED BY: Robert D'Albora

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)
0				Concrete Slab	
1			3	HISTORIC FILL (FILL): Grey, brown and black silty sand and soil; concrete, asphalt, brick rock fragments; moist at 10'.	0
4					4.7
5			3		
8					
10			3		0
13					
15			4.5		
16				INORGANIC CLAY (CL): Black; moist.	0
18				SILTY SAND (SM): Grey medium to fine grained sand; wet.	0
20					

DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0	
10	▼
20	

P.W. Grosser Consulting | **End of Boring Depth (feet):** 20 | **Water Table Symbol:** ▼ |

PROJECT #:	ALE2501		
SITE ADDRESS:	60 Alexander Street		
BORING ID:	SB017	BORING DEPTH (FT): 25	CORE LENGTH (FT): 3
WELL ID:	N/A	BORING DIAMETER (IN): 2	WELL DIAMETER (IN): N/A
DRILLING CONTRACTOR:	Coastal Environmental Solutions Inc.	DATE STARTED: 07/07/2025	DATE FINISHED: 07/07/2025
DRILLING METHOD:	Direct Push	TIME STARTED: 07:30	TIME FINISHED: 17:00
DRILLING EQUIPMENT:	Geoprobe 7822DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Zeb Youngman	LOGGED BY: Robert D'Albora

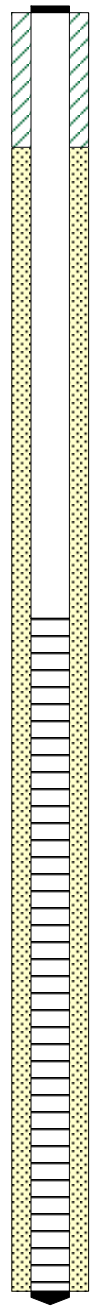
DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)	DEPTH (feet)	WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
0				Asphalt Pavement, 6" Thick		0	
				Concrete slab			
2			3.5			2	
4						4	
6			4.5			6	
8				HISTORIC FILL (FILL): Grey, brown, and black medium to fine silty soil and sand; concrete, asphalt, and rock fragments.	0	8	
10			3.5			10	
12						12	
14						14	
16			3	INORGANIC CLAY (CL): Grey and red; moist.	0	16	
18				SILTY SAND (SM): Black medium to fine grained sand; wet.	0	18	
20			4.5			20	
22				SILTY SAND (SM): Grey medium to fine grained sand; wet.	0	22	
24						24	
26						26	

PROJECT #:	ALE2501
SITE ADDRESS:	60 Alexander Street
BORING ID:	SB018
WELL ID:	MW005
DRILLING CONTRACTOR:	Coastal Environmental Solutions Inc.
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	Geoprobe 7822DT
SAMPLING METHOD:	Macrocore

PWGC

BORING DEPTH (FT): 20	CORE LENGTH (FT): 5
BORING DIAMETER (IN): 2	WELL DIAMETER (IN): N/A
DATE STARTED: 07/07/2025	DATE FINISHED: 07/07/2025
TIME STARTED: 07:30	TIME FINISHED: 17:00
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Zeb Youngman	LOGGED BY: Robert D'Albora

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)
0				Asphalt Pavement, 6" Thick	
0–5			3	HISTORIC FILL (FILL): Grey, brown, and black medium to fine silty soil and silty sand; concrete, asphalt, brick and rock fragments; moist at 10'.	0
5–10			4		8
10–15			3		0
15–17.5			4.5	INORGANIC CLAY (CL): Grey; moist.	0
17.5–20				SILTY SAND (SM): Grey medium to fine grained sand; wet.	0



WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS

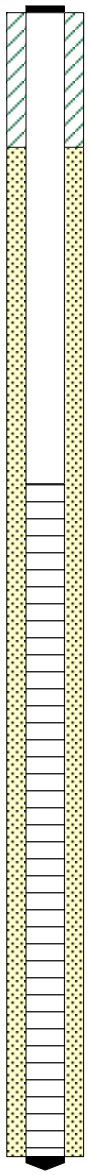
P.W. Grosser Consulting | **End of Boring Depth (feet):** 20 | **Water Table Symbol:** ▼ | Page 1 of 1

PROJECT #:	ALE2501
SITE ADDRESS:	60 Alexander Street
BORING ID:	SB019
WELL ID:	MW001
DRILLING CONTRACTOR:	Coastal Environmental Solutions Inc.
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	Geoprobe 7822DT
SAMPLING METHOD:	Macrocore

PWGC

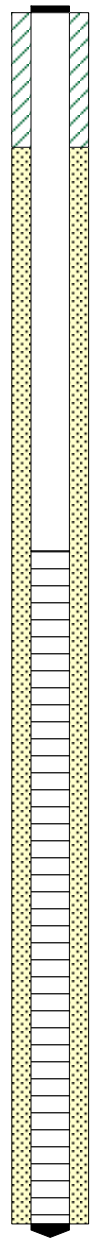
BORING DEPTH (FT): 20	CORE LENGTH (FT): 5
BORING DIAMETER (IN): 2	WELL DIAMETER (IN): N/A
DATE STARTED: 07/07/2025	DATE FINISHED: 07/07/2025
TIME STARTED: 07:30	TIME FINISHED: 17:00
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Zeb Youngman	LOGGED BY: Robert D'Albora

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)
0			2	Asphalt Pavement, 6" Thick	0
2			3	HISTORIC FILL (FILL): Grey, brown, and black medium to fine silty soil and silty sand; concrete, asphalt and rock fragments; moist at 10'.	7
5			2.5		0
10			4	INORGANIC CLAY (CL): Grey; moist.	0
15				SILTY SAND (SM): Grey medium to fine grained sand; wet.	0
20					



PROJECT #:	ALE2501		
SITE ADDRESS:	60 Alexander Street		
BORING ID:	SB020	BORING DEPTH (FT): 20	CORE LENGTH (FT): 5
WELL ID:	MW004	BORING DIAMETER (IN): 2	WELL DIAMETER (IN): N/A
DRILLING CONTRACTOR:	Coastal Environmental Solutions Inc.	DATE STARTED: 07/07/2025	DATE FINISHED: 07/07/2025
DRILLING METHOD:	Direct Push	TIME STARTED: 07:30	TIME FINISHED: 17:00
DRILLING EQUIPMENT:	Geoprobe 7822DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Zeb Youngman	LOGGED BY: Robert D'Albora

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)
0			3	Asphalt Pavement, 6" Thick	
1				Concrete slab	
2				HISTORIC FILL (FILL): Grey, brown, and black medium to fine silty sand; concrete and rock fragments; moist at 12'.	0
5			3.5		
10			3.5		
15			2.5	INORGANIC CLAY (CL): Grey; moist.	0
18				SILTY SAND (SM): Light grey medium to fine grained sand; wet.	0
20					

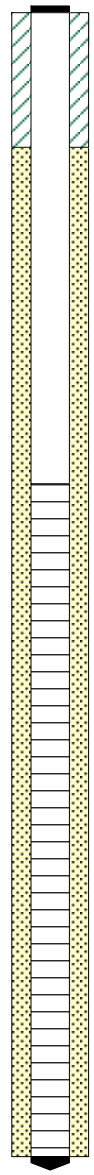


PROJECT #:	ALE2501
SITE ADDRESS:	60 Alexander Street
BORING ID:	SB021
WELL ID:	MW002
DRILLING CONTRACTOR:	Coastal Environmental Solutions Inc.
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	Geoprobe 7822DT
SAMPLING METHOD:	Macrocore

PWGC

BORING DEPTH (FT): 20	CORE LENGTH (FT): 5
BORING DIAMETER (IN): 2	WELL DIAMETER (IN): N/A
DATE STARTED: 07/07/2025	DATE FINISHED: 07/07/2025
TIME STARTED: 07:30	TIME FINISHED: 17:00
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Zeb Youngman	LOGGED BY: Robert D'Albora

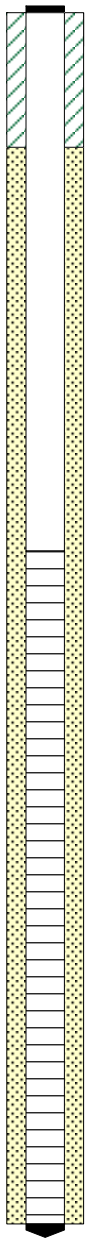
DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)
0				Asphalt Pavement, 6" Thick	
0–5			2.5		0
5–10			3	HISTORIC FILL (FILL): Grey, brown, and black medium to fine silty sand and silty soil; concrete, asphalt and rock fragments; moist at 10'.	70
10–15			2		0
15–20			3.5	INORGANIC CLAY (CL): Grey and black; moist.	0



P.W. Grosser Consulting	**End of Boring Depth (feet):** 20	**Water Table Symbol:** ▼	Page 1 of 1

PROJECT #:	ALE2501		
SITE ADDRESS:	60 Alexander Street		
BORING ID:	SB022	BORING DEPTH (FT): 20	CORE LENGTH (FT): 5
WELL ID:	MW008	BORING DIAMETER (IN): 2	WELL DIAMETER (IN): N/A
DRILLING CONTRACTOR:	Coastal Environmental Solutions Inc.	DATE STARTED: 07/09/2025	DATE FINISHED: 07/09/2025
DRILLING METHOD:	Direct Push	TIME STARTED: 07:00	TIME FINISHED: 18:00
DRILLING EQUIPMENT:	Geoprobe 7822DT	LATITUDE: N/A	LONGITUDE: N/A
SAMPLING METHOD:	Macrocore	PROJECT MANAGER: Zeb Youngman	LOGGED BY: Robert D'Albora

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)
0			2	Concrete Slab	
1					
2					
3					
4					0
5			3.5		
6					
7					
8				HISTORIC FILL (FILL): Grey, brown, and black medium to fine silty soil and silty sand; concrete, asphalt and rock fragments; wet at 14'.	23.2
9					
10			3.5		
11					
12					0
13					
14					
15					
16			3		
17				SANDY CLAY (CL): Black; moist.	0
18				SILTY SAND (SM): Black medium to fine grained sand; wet.	0
19					
20					

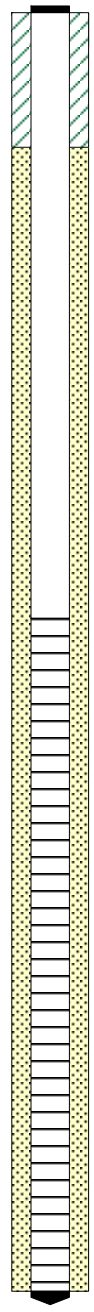


PROJECT #:	ALE2501
SITE ADDRESS:	60 Alexander Street
BORING ID:	SB023
WELL ID:	MW009
DRILLING CONTRACTOR:	Coastal Environmental Solutions Inc.
DRILLING METHOD:	Direct Push
DRILLING EQUIPMENT:	Geoprobe 7822DT
SAMPLING METHOD:	Macrocore

PWGC

BORING DEPTH (FT): 20	CORE LENGTH (FT): 5
BORING DIAMETER (IN): 2	WELL DIAMETER (IN): N/A
DATE STARTED: 07/09/2025	DATE FINISHED: 07/09/2025
TIME STARTED: 07:00	TIME FINISHED: 18:00
LATITUDE: N/A	LONGITUDE: N/A
PROJECT MANAGER: Zeb Youngman	LOGGED BY: Robert D'Albora

DEPTH (feet)	SAMPLE INTERVAL	USCS KEY	RECOVERY (feet)	DESCRIPTION NAME (USCS): color, moist, plasticity, gravel, odor	PID Reading (ppm)
0			2	Concrete Slab	
5			3.5	HISTORIC FILL (FILL): Grey, brown, and black medium to fine silty soil and silty sand; concrete, asphalt and rock fragments; wet at 10'.	0
10			3.5		
15			3	SANDY CLAY (CL): Grey; moist.	0
18				SILTY SAND (SM): Grey medium to fine grained sand; wet.	0
20					



WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS

APPENDIX C

Technical Report for

PW Grosser Consulting

ALE2501 - 60 Alexander Street, Yonkers, NY

ALE2501

SGS Job Number: JE14764U

Sampling Date: 07/08/25

Report to:

PW Grosser Consulting
630 Johnson Avenue #7
Bohemia, NY 11716
zyoungman@pwgrosser.com; jenniferl@pwgrosser.com

ATTN: Zeb Youngman

Total number of pages in report: 10

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Victoria Pushkova 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

This report shall not be reproduced, except in its entirety, without the written approval of SGS.
Test results relate only to samples analyzed.

Sample Summary

PW Grosser Consulting

Job No: JE14764U

ALE2501 - 60 Alexander Street, Yonkers, NY
Project No: ALE2501

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND = Not detected above the MDL							
JE14764-1U	07/08/25	12:15	RD	07/08/25	SO	Soil	SB017 21-23
JE14764-2U	07/08/25	13:25	RD	07/08/25	SO	Soil	SB015 6-8
JE14764-3U	07/08/25	13:30	RD	07/08/25	SO	Soil	SB015 13-15
JE14764-5DU	07/08/25	14:10	RD	07/08/25	SO	Soil Dup/MSD	SB013 (4'-10') MSD
JE14764-5SU	07/08/25	14:10	RD	07/08/25	SO	Soil Matrix Spike	SB013 (4'-10') MS
JE14764-5U	07/08/25	14:10	RD	07/08/25	SO	Soil	SB013 (4'-10')
JE14764-6U	07/08/25	14:20	RD	07/08/25	SO	Soil	SB013 13-15
JE14764-8U	07/08/25	14:35	RD	07/08/25	SO	Soil	DUP002
JE14764-9U	07/08/25	14:35	RD	07/08/25	AQ	Trip Blank Soil	TRIP BLANK

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Report of Analysis

Client Sample ID:	SB017 21-23		
Lab Sample ID:	JE14764-1U	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
Method:	SW846 8260D	**Percent Solids:**	75.8
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194944U.D	1	07/12/25 02:40	JN	n/a	n/a	V3C8459
Run #2							

	Initial Weight
Run #1	4.7 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	2.8	0.57	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.8	0.60	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.8	0.70	ug/kg	
91-20-3	Naphthalene	ND	7.0	3.5	ug/kg	
103-65-1	n-Propylbenzene	ND	2.8	0.66	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.8	0.70	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.8	0.60	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-124%
17060-07-0	1,2-Dichloroethane-D4	101%		75-133%
2037-26-5	Toluene-D8	101%		79-125%
460-00-4	4-Bromofluorobenzene	99%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB015 6-8		
Lab Sample ID:	JE14764-2U	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
Method:	SW846 8260D	**Percent Solids:**	82.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194945U.D	1	07/12/25 03:06	JN	n/a	n/a	V3C8459
Run #2							

	Initial Weight
Run #1	6.7 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	1.8	0.37	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.8	0.39	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.8	0.45	ug/kg	
91-20-3	Naphthalene	ND	4.5	2.3	ug/kg	
103-65-1	n-Propylbenzene	ND	1.8	0.43	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.8	0.45	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.8	0.39	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-124%
17060-07-0	1,2-Dichloroethane-D4	97%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	100%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB015 13-15		
Lab Sample ID:	JE14764-3U	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
Method:	SW846 8260D	**Percent Solids:**	45.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194946U.D	1	07/12/25 03:32	JN	n/a	n/a	V3C8459
Run #2							

	Initial Weight
Run #1	5.8 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	3.8	0.77	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.8	0.81	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.8	0.94	ug/kg	
91-20-3	Naphthalene	ND	9.4	4.7	ug/kg	
103-65-1	n-Propylbenzene	ND	3.8	0.89	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.8	0.94	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.8	0.81	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-124%
17060-07-0	1,2-Dichloroethane-D4	99%		75-133%
2037-26-5	Toluene-D8	100%		79-125%
460-00-4	4-Bromofluorobenzene	98%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB013 (4'-10')		
Lab Sample ID:	JE14764-5U	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
Method:	SW846 8260D	**Percent Solids:**	93.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194940U.D	1	07/12/25 00:57	JN	n/a	n/a	V3C8459
Run #2							

	Initial Weight
Run #1	3.0 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	3.6	0.73	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.6	0.76	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.6	0.89	ug/kg	
91-20-3	Naphthalene	ND	8.9	4.5	ug/kg	
103-65-1	n-Propylbenzene	ND	3.6	0.84	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.6	0.89	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.6	0.77	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-124%
17060-07-0	1,2-Dichloroethane-D4	96%		75-133%
2037-26-5	Toluene-D8	100%		79-125%
460-00-4	4-Bromofluorobenzene	96%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB013 13-15		
Lab Sample ID:	JE14764-6U	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
Method:	SW846 8260D	**Percent Solids:**	83.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194947U.D	1	07/12/25 03:57	JN	n/a	n/a	V3C8459
Run #2							

	Initial Weight
Run #1	4.7 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	2.6	0.52	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.6	0.55	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.6	0.64	ug/kg	
91-20-3	Naphthalene	ND	6.4	3.2	ug/kg	
103-65-1	n-Propylbenzene	ND	2.6	0.60	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.6	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.6	0.55	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-124%
17060-07-0	1,2-Dichloroethane-D4	101%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	99%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP002		
Lab Sample ID:	JE14764-8U	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
Method:	SW846 8260D	**Percent Solids:**	84.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194948U.D	1	07/12/25 04:23	JN	n/a	n/a	V3C8459
Run #2							

	Initial Weight
Run #1	3.9 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	3.0	0.62	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.0	0.65	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.0	0.76	ug/kg	
91-20-3	Naphthalene	ND	7.6	3.8	ug/kg	
103-65-1	n-Propylbenzene	ND	3.0	0.71	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.0	0.76	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.0	0.66	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-124%
17060-07-0	1,2-Dichloroethane-D4	102%		75-133%
2037-26-5	Toluene-D8	99%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JE14764-9U	**Date Sampled:**	07/08/25
Matrix:	AQ - Trip Blank Soil	**Date Received:**	07/08/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	4A17286U.D	1	07/09/25 19:14	BK	n/a	n/a	V4A476
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
91-20-3	Naphthalene	ND	5.0	4.4	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		80-120%
17060-07-0	1,2-Dichloroethane-D4	91%		80-120%
2037-26-5	Toluene-D8	96%		80-120%
460-00-4	4-Bromofluorobenzene	87%		82-114%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Technical Report for

PW Grosser Consulting

ALE2501 - 60 Alexander Street, Yonkers, NY

ALE2501

SGS Job Number: JE14894

Sampling Date: 07/09/25

Report to:

PW Grosser Consulting
630 Johnson Avenue #7
Bohemia, NY 11716
zyoungman@pwgrosser.com; jenniferl@pwgrosser.com

ATTN: Zeb Youngman

Total number of pages in report: 102

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Victoria Pushkova 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Test results relate only to samples analyzed.

Sample Summary

PW Grosser Consulting

Job No: JE14894

ALE2501 - 60 Alexander Street, Yonkers, NY
Project No: ALE2501

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JE14894-1	07/09/25	12:15	RD	07/09/25	SO	Soil	SB012 2-4'
JE14894-1A	07/09/25	12:15	RD	07/09/25	SO	Soil	SB012 2-4'
JE14894-2	07/09/25	12:25	RD	07/09/25	SO	Soil	SB012 13-15'
JE14894-2A	07/09/25	12:25	RD	07/09/25	SO	Soil	SB012 13-15'
JE14894-4	07/09/25	12:50	RD	07/09/25	SO	Soil	SB011 6-8'
JE14894-4A	07/09/25	12:50	RD	07/09/25	SO	Soil	SB011 6-8'
JE14894-5	07/09/25	12:55	RD	07/09/25	SO	Soil	SB011 13-15'
JE14894-5A	07/09/25	12:55	RD	07/09/25	SO	Soil	SB011 13-15'
JE14894-6	07/09/25	09:30	RD	07/09/25	SO	Soil	SB022 7-9'
JE14894-6A	07/09/25	09:30	RD	07/09/25	SO	Soil	SB022 7-9'
JE14894-7	07/09/25	09:35	RD	07/09/25	SO	Soil	SB022 13-15'
JE14894-7A	07/09/25	09:35	RD	07/09/25	SO	Soil	SB022 13-15'

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

PW Grosser Consulting

Job No: JE14894

ALE2501 - 60 Alexander Street, Yonkers, NY
Project No: ALE2501

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
JE14894-9	07/09/25	09:55	RD	07/09/25	SO	Soil	SB023 4-6'
JE14894-9A	07/09/25	09:55	RD	07/09/25	SO	Soil	SB023 4-6'
JE14894-10	07/09/25	09:45	RD	07/09/25	SO	Soil	SB023 13-15'
JE14894-10A	07/09/25	09:45	RD	07/09/25	SO	Soil	SB023 13-15'
JE14894-12	07/09/25	12:55	RD	07/09/25	AQ	Trip Blank Soil	TRIP BLANK

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Report of Analysis

Client Sample ID: SB012 2-4'
Lab Sample ID: JE14894-1
Matrix: SO - Soil
Method: SW846 8260D
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/09/25
Date Received: 07/09/25
Percent Solids: 88.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194997.D	1	07/14/25 20:56	JN	n/a	n/a	V3C8460
Run #2							

	Initial Weight
Run #1	2.7 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	47.8	21	8.7	ug/kg	
71-43-2	Benzene	ND	1.1	0.96	ug/kg	
74-97-5	Bromochloromethane	ND	11	1.2	ug/kg	
75-27-4	Bromodichloromethane	ND	4.2	0.90	ug/kg	
75-25-2	Bromoform	ND	11	2.9	ug/kg	
74-83-9	Bromomethane [a]	ND	11	1.6	ug/kg	
78-93-3	2-Butanone (MEK)	5.3	21	5.1	ug/kg	J
75-15-0	Carbon disulfide	ND	4.2	1.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	4.2	1.3	ug/kg	
108-90-7	Chlorobenzene	ND	4.2	0.97	ug/kg	
75-00-3	Chloroethane [a]	ND	11	1.2	ug/kg	
67-66-3	Chloroform	ND	4.2	2.1	ug/kg	
74-87-3	Chloromethane	ND	11	4.1	ug/kg	
110-82-7	Cyclohexane	ND	4.2	1.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.2	1.5	ug/kg	
124-48-1	Dibromochloromethane	ND	4.2	1.2	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.1	0.89	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.1	1.1	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.1	1.0	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.1	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	11	1.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.1	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.1	0.99	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.1	1.4	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.1	1.8	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.1	1.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	4.2	1.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.2	1.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.2	0.96	ug/kg	
100-41-4	Ethylbenzene	ND	2.1	0.95	ug/kg	
76-13-1	Freon 113	ND	11	5.6	ug/kg	
591-78-6	2-Hexanone	ND	11	4.5	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB012 2-4'		
Lab Sample ID:	JE14894-1	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	88.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	4.2	3.0	ug/kg	
79-20-9	Methyl Acetate	ND	11	2.9	ug/kg	
108-87-2	Methylcyclohexane	ND	4.2	1.8	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.1	0.99	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	11	4.8	ug/kg	
75-09-2	Methylene chloride	ND	11	5.5	ug/kg	
100-42-5	Styrene	ND	4.2	0.85	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.2	1.3	ug/kg	
127-18-4	Tetrachloroethene	ND	4.2	1.2	ug/kg	
108-88-3	Toluene	ND	2.1	1.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	11	5.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	11	5.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.2	1.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.2	1.2	ug/kg	
79-01-6	Trichloroethene	ND	2.1	1.6	ug/kg	
75-69-4	Trichlorofluoromethane	ND	11	1.4	ug/kg	
75-01-4	Vinyl chloride	ND	4.2	1.0	ug/kg	
	m,p-Xylene	ND	2.1	1.9	ug/kg	
95-47-6	o-Xylene	ND	2.1	0.96	ug/kg	
1330-20-7	Xylene (total)	ND	2.1	0.96	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-124%
17060-07-0	1,2-Dichloroethane-D4	101%		75-133%
2037-26-5	Toluene-D8	105%		79-125%
460-00-4	4-Bromofluorobenzene	110%		58-148%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB012 2-4'		
Lab Sample ID:	JE14894-1	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	88.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12804.D	1	07/14/25 16:06	AO	07/11/25 21:35	OP65288	ECT573
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	76	19	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	23	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	32	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	67	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	190	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	190	40	ug/kg	
95-48-7	2-Methylphenol	ND	76	24	ug/kg	
	3&4-Methylphenol	ND	76	31	ug/kg	
88-75-5	2-Nitrophenol	ND	190	25	ug/kg	
100-02-7	4-Nitrophenol	ND	380	100	ug/kg	
87-86-5	Pentachlorophenol	ND	150	35	ug/kg	
108-95-2	Phenol	ND	76	20	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	25	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	28	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	23	ug/kg	
83-32-9	Acenaphthene	51.2	38	13	ug/kg	
208-96-8	Acenaphthylene	159	38	19	ug/kg	
98-86-2	Acetophenone	22.5	190	8.1	ug/kg	J
120-12-7	Anthracene	220	38	23	ug/kg	
1912-24-9	Atrazine	ND	76	16	ug/kg	
56-55-3	Benzo(a)anthracene	558	38	11	ug/kg	
50-32-8	Benzo(a)pyrene	666	38	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	725	38	17	ug/kg	
191-24-2	Benzo(g,h,i)perylene	545	38	19	ug/kg	
207-08-9	Benzo(k)fluoranthene	173	38	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	76	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	76	9.2	ug/kg	
92-52-4	1,1'-Biphenyl	18.3	76	5.2	ug/kg	J
100-52-7	Benzaldehyde	ND	190	9.4	ug/kg	
91-58-7	2-Chloronaphthalene	ND	76	9.0	ug/kg	
106-47-8	4-Chloroaniline	ND	190	14	ug/kg	
86-74-8	Carbazole	57.5	76	5.5	ug/kg	J

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB012 2-4'		
Lab Sample ID:	JE14894-1	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	88.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	76	15	ug/kg	
218-01-9	Chrysene	547	38	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	76	8.1	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	76	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	76	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	76	12	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	38	12	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	38	19	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	76	31	ug/kg	
123-91-1	1,4-Dioxane	ND	38	25	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	121	38	17	ug/kg	
132-64-9	Dibenzofuran	49.6	76	15	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	76	6.2	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	76	9.4	ug/kg	
84-66-2	Diethyl phthalate	ND	76	8.0	ug/kg	
131-11-3	Dimethyl phthalate	ND	76	6.7	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	76	8.8	ug/kg	
206-44-0	Fluoranthene	888	38	17	ug/kg	
86-73-7	Fluorene	53.2	38	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	76	9.6	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	38	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene [b]	ND	380	15	ug/kg	
67-72-1	Hexachloroethane	ND	190	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	387	38	18	ug/kg	
78-59-1	Isophorone	ND	76	8.1	ug/kg	
91-57-6	2-Methylnaphthalene	57.3	38	8.5	ug/kg	
88-74-4	2-Nitroaniline	ND	190	8.9	ug/kg	
99-09-2	3-Nitroaniline	ND	190	9.4	ug/kg	
100-01-6	4-Nitroaniline	ND	190	9.8	ug/kg	
91-20-3	Naphthalene	118	38	11	ug/kg	
98-95-3	Nitrobenzene	ND	76	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	76	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	14	ug/kg	
85-01-8	Phenanthrene	549	38	13	ug/kg	
129-00-0	Pyrene	856	38	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	9.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	51%		10-99%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB012 2-4'		
Lab Sample ID:	JE14894-1	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	88.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	46%		10-96%
118-79-6	2,4,6-Tribromophenol	79%		10-123%
4165-60-0	Nitrobenzene-d5	46%		10-109%
321-60-8	2-Fluorobiphenyl	69%		11-109%
1718-51-0	Terphenyl-d14	61%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB012 2-4'		
Lab Sample ID:	JE14894-1	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8081B SW846 3546	**Percent Solids:**	88.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G211506.D	1	07/24/25 12:47	AS	07/14/25 11:20	OP65291	G1G7646
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.75	0.62	ug/kg	
319-84-6	alpha-BHC	ND	0.75	0.61	ug/kg	
319-85-7	beta-BHC	ND	0.75	0.68	ug/kg	
319-86-8	delta-BHC	ND	0.75	0.72	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.75	0.55	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.75	0.60	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.75	0.34	ug/kg	
60-57-1	Dieldrin	ND	0.75	0.51	ug/kg	
72-54-8	4,4'-DDD	ND	0.75	0.69	ug/kg	
72-55-9	4,4'-DDE	ND	0.75	0.66	ug/kg	
50-29-3	4,4'-DDT	ND	0.75	0.66	ug/kg	
72-20-8	Endrin	ND	0.75	0.58	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.75	0.58	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.75	0.42	ug/kg	
959-98-8	Endosulfan-I	ND	0.75	0.43	ug/kg	
33213-65-9	Endosulfan-II	ND	0.75	0.47	ug/kg	
76-44-8	Heptachlor	ND	0.75	0.64	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.75	0.52	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.59	ug/kg	
53494-70-5	Endrin ketone	ND	0.75	0.54	ug/kg	
8001-35-2	Toxaphene	ND	19	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	67%		13-162%
877-09-8	Tetrachloro-m-xylene	143%		13-162%
2051-24-3	Decachlorobiphenyl	50%		10-180%
2051-24-3	Decachlorobiphenyl	99%		10-180%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB012 2-4'		
Lab Sample ID:	JE14894-1	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	88.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G150013.D	1	07/16/25 07:09	CP	07/14/25 11:20	OP65292	G3G5504
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	37	17	ug/kg	
11104-28-2	Aroclor 1221	ND	37	23	ug/kg	
11141-16-5	Aroclor 1232	ND	37	24	ug/kg	
53469-21-9	Aroclor 1242	ND	37	15	ug/kg	
12672-29-6	Aroclor 1248	ND	37	33	ug/kg	
11097-69-1	Aroclor 1254	ND	37	20	ug/kg	
11096-82-5	Aroclor 1260	ND	37	16	ug/kg	
11100-14-4	Aroclor 1268	ND	37	33	ug/kg	
37324-23-5	Aroclor 1262	ND	37	24	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	56%		10-174%
877-09-8	Tetrachloro-m-xylene	73%		10-174%
2051-24-3	Decachlorobiphenyl	63%		10-195%
2051-24-3	Decachlorobiphenyl	75%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB012 2-4'		
Lab Sample ID:	JE14894-1	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
		Percent Solids:	88.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2630	54	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Antimony [a]	< 11	11	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Arsenic	8.1	2.2	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Barium	30.3	22	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Beryllium	< 0.22	0.22	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Cadmium [a]	< 2.7	2.7	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Calcium	< 540	540	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Chromium	15.2	1.1	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Cobalt	< 5.4	5.4	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Copper [a]	211	14	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Iron	59600	270	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Lead [a]	105	11	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Magnesium	< 540	540	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Manganese	183	1.6	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Mercury	0.33	0.031	mg/kg	1	07/11/25	07/11/25	CM	SW846 7471B [1]	SW846 7471B [4]
Nickel	10.1	4.4	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Potassium	< 1100	1100	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Selenium [a]	< 11	11	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Silver [a]	< 2.7	2.7	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Sodium	< 1100	1100	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Thallium [a]	< 5.4	5.4	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Vanadium	29.9	5.4	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Zinc	146	5.4	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA58930
(2) Instrument QC Batch: MA58958
(3) Prep QC Batch: MP55765
(4) Prep QC Batch: MP55780

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB012 2-4'		
Lab Sample ID:	JE14894-1	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
		Percent Solids:	88.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.44	0.44	mg/kg	1	07/15/25 17:02	RI	SW846 3060A/7196A
Cyanide	0.35	0.30	mg/kg	1	07/14/25 18:08	JD	SW846 9012B/LACHAT
Solids, Percent	88		%	1	07/10/25 17:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB012 2-4'
Lab Sample ID: JE14894-1A
Matrix: SO - Soil
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/09/25
Date Received: 07/09/25
Percent Solids: 88.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5Q1474.D	1	07/15/25 02:19	AM	07/11/25 17:00	OP65289	T5Q134
Run #2							

	Initial Weight	Final Volume
Run #1	5.15 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.88	0.12	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.44	0.077	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.033	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.055	ug/kg	
335-67-1	Perfluorooctanoic acid	0.30	0.22	0.088	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.055	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.077	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.066	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.088	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.099	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.077	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.11	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.22	0.12	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.11	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	0.21	0.22	0.055	ug/kg	J
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.15	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.12	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.055	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.88	0.31	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.88	0.11	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.88	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.22	0.077	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.066	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.055	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB012 2-4'		
Lab Sample ID:	JE14894-1A	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	88.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.22	0.088	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.14	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.2	0.31	ug/kg	
1691-99-2	EtFOSE	ND	2.2	0.81	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.88	0.20	ug/kg	
919005-14-4	ADONA	ND	0.88	0.13	ug/kg	
377-73-1	PFMPA	ND	0.44	0.033	ug/kg	
863090-89-5	PFMBA	ND	0.44	0.066	ug/kg	
151772-58-6	NFDHA	ND	0.44	0.14	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.88	0.29	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.88	0.20	ug/kg	
113507-82-7	PFEESA	ND	0.44	0.033	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.26	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.5	0.68	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.5	0.70	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	61%		8-130%
	13C5-PFPeA	64%		35-130%
	13C5-PFHxA	62%		40-130%
	13C4-PFHpA	58%		40-130%
	13C8-PFOA	60%		40-130%
	13C9-PFNA	57%		40-130%
	13C6-PFDA	56%		40-130%
	13C7-PFUnDA	56%		40-130%
	13C2-PFDoDA	55%		40-130%
	13C2-PFTeDA	63%		20-130%
	13C3-PFBS	63%		40-135%
	13C3-PFHxS	64%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB012 2-4'		
Lab Sample ID:	JE14894-1A	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	88.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	61%		40-130%
	13C8-FOSA	60%		40-130%
	d3-MeFOSA	29%		10-130%
	d5-EtFOSA	27%		10-130%
	d3-MeFOSAA	48%		40-135%
	d5-EtFOSAA	47%		40-150%
	d7-MeFOSE	43%		20-130%
	d9-EtFOSE	40%		15-130%
	13C2-4:2FTS	56%		40-165%
	13C2-6:2FTS	74%		40-215%
	13C2-8:2FTS	71%		40-275%
	13C3-HFPO-DA	66%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB012 13-15'		
Lab Sample ID:	JE14894-2	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	73.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194998.D	1	07/14/25 21:21	JN	n/a	n/a	V3C8460
Run #2							

	Initial Weight
Run #1	3.9 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	11.5	17	7.2	ug/kg	J
71-43-2	Benzene	ND	0.87	0.79	ug/kg	
74-97-5	Bromochloromethane	ND	8.7	0.98	ug/kg	
75-27-4	Bromodichloromethane	ND	3.5	0.75	ug/kg	
75-25-2	Bromoform	ND	8.7	2.4	ug/kg	
74-83-9	Bromomethane [a]	ND	8.7	1.3	ug/kg	
78-93-3	2-Butanone (MEK)	ND	17	4.2	ug/kg	
75-15-0	Carbon disulfide	ND	3.5	0.93	ug/kg	
56-23-5	Carbon tetrachloride	ND	3.5	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	3.5	0.80	ug/kg	
75-00-3	Chloroethane [a]	ND	8.7	1.0	ug/kg	
67-66-3	Chloroform	ND	3.5	1.7	ug/kg	
74-87-3	Chloromethane	ND	8.7	3.4	ug/kg	
110-82-7	Cyclohexane	ND	3.5	1.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.5	1.2	ug/kg	
124-48-1	Dibromochloromethane	ND	3.5	0.98	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.7	0.73	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.7	0.95	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.7	0.86	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.7	0.86	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	8.7	1.3	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	0.86	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	0.82	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	1.1	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	1.5	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.5	0.82	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.5	0.83	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.5	0.80	ug/kg	
100-41-4	Ethylbenzene	ND	1.7	0.79	ug/kg	
76-13-1	Freon 113	ND	8.7	4.7	ug/kg	
591-78-6	2-Hexanone	ND	8.7	3.7	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB012 13-15'		
Lab Sample ID:	JE14894-2	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	73.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	3.5	2.5	ug/kg	
79-20-9	Methyl Acetate	ND	8.7	2.4	ug/kg	
108-87-2	Methylcyclohexane	ND	3.5	1.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.7	0.82	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	8.7	4.0	ug/kg	
75-09-2	Methylene chloride	ND	8.7	4.5	ug/kg	
100-42-5	Styrene	ND	3.5	0.70	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.5	1.0	ug/kg	
127-18-4	Tetrachloroethene	ND	3.5	1.0	ug/kg	
108-88-3	Toluene	ND	1.7	0.91	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	8.7	4.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	8.7	4.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.5	0.84	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.5	0.97	ug/kg	
79-01-6	Trichloroethene	ND	1.7	1.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	8.7	1.2	ug/kg	
75-01-4	Vinyl chloride	ND	3.5	0.84	ug/kg	
	m,p-Xylene	ND	1.7	1.6	ug/kg	
95-47-6	o-Xylene	ND	1.7	0.80	ug/kg	
1330-20-7	Xylene (total)	ND	1.7	0.80	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-124%
17060-07-0	1,2-Dichloroethane-D4	94%		75-133%
2037-26-5	Toluene-D8	110%		79-125%
460-00-4	4-Bromofluorobenzene	110%		58-148%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB012 13-15'		
Lab Sample ID:	JE14894-2	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	73.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12807.D	1	07/14/25 17:05	AO	07/11/25 21:35	OP65288	ECT573
Run #2							

	Initial Weight	Final Volume
Run #1	31.7 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	86	21	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	26	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	37	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	76	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	210	160	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	210	46	ug/kg	
95-48-7	2-Methylphenol	ND	86	27	ug/kg	
	3&4-Methylphenol	1100	86	35	ug/kg	
88-75-5	2-Nitrophenol	ND	210	28	ug/kg	
100-02-7	4-Nitrophenol	ND	430	110	ug/kg	
87-86-5	Pentachlorophenol	ND	170	40	ug/kg	
108-95-2	Phenol	58.8	86	22	ug/kg	J
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	28	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	32	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	26	ug/kg	
83-32-9	Acenaphthene	205	43	15	ug/kg	
208-96-8	Acenaphthylene	324	43	22	ug/kg	
98-86-2	Acetophenone	ND	210	9.2	ug/kg	
120-12-7	Anthracene	517	43	26	ug/kg	
1912-24-9	Atrazine	ND	86	18	ug/kg	
56-55-3	Benzo(a)anthracene	1100	43	12	ug/kg	
50-32-8	Benzo(a)pyrene	1310	43	20	ug/kg	
205-99-2	Benzo(b)fluoranthene	1100	43	19	ug/kg	
191-24-2	Benzo(g,h,i)perylene	727	43	21	ug/kg	
207-08-9	Benzo(k)fluoranthene	313	43	20	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	86	17	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	86	10	ug/kg	
92-52-4	1,1'-Biphenyl	121	86	5.9	ug/kg	
100-52-7	Benzaldehyde	ND	210	11	ug/kg	
91-58-7	2-Chloronaphthalene	ND	86	10	ug/kg	
106-47-8	4-Chloroaniline	ND	210	15	ug/kg	
86-74-8	Carbazole	109	86	6.2	ug/kg	

ND = Not detected MDL = Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB012 13-15'		
Lab Sample ID:	JE14894-2	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	73.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	86	17	ug/kg	
218-01-9	Chrysene	1150	43	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	86	9.2	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	86	18	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	86	15	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	86	14	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	43	13	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	43	22	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	86	36	ug/kg	
123-91-1	1,4-Dioxane	ND	43	28	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	196	43	19	ug/kg	
132-64-9	Dibenzofuran	150	86	17	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	86	7.0	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	86	11	ug/kg	
84-66-2	Diethyl phthalate	ND	86	9.1	ug/kg	
131-11-3	Dimethyl phthalate	ND	86	7.6	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	86	10	ug/kg	
206-44-0	Fluoranthene	1540	43	19	ug/kg	
86-73-7	Fluorene	300	43	20	ug/kg	
118-74-1	Hexachlorobenzene	ND	86	11	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	43	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene [b]	ND	430	17	ug/kg	
67-72-1	Hexachloroethane	ND	210	21	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	520	43	20	ug/kg	
78-59-1	Isophorone	ND	86	9.2	ug/kg	
91-57-6	2-Methylnaphthalene	425	43	9.7	ug/kg	
88-74-4	2-Nitroaniline	ND	210	10	ug/kg	
99-09-2	3-Nitroaniline	ND	210	11	ug/kg	
100-01-6	4-Nitroaniline	ND	210	11	ug/kg	
91-20-3	Naphthalene	803	43	12	ug/kg	
98-95-3	Nitrobenzene	ND	86	17	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	86	12	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	16	ug/kg	
85-01-8	Phenanthrene	1600	43	14	ug/kg	
129-00-0	Pyrene	1570	43	14	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	43%		10-99%

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Report of Analysis

Client Sample ID:	SB012 13-15'		
Lab Sample ID:	JE14894-2	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	73.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	42%		10-96%
118-79-6	2,4,6-Tribromophenol	70%		10-123%
4165-60-0	Nitrobenzene-d5	41%		10-109%
321-60-8	2-Fluorobiphenyl	61%		11-109%
1718-51-0	Terphenyl-d14	61%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB012 13-15'		
Lab Sample ID:	JE14894-2	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8081B SW846 3546	**Percent Solids:**	73.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G211507.D	1	07/24/25 13:03	AS	07/14/25 11:20	OP65291	G1G7646
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.89	0.74	ug/kg	
319-84-6	alpha-BHC	ND	0.89	0.73	ug/kg	
319-85-7	beta-BHC	ND	0.89	0.81	ug/kg	
319-86-8	delta-BHC	ND	0.89	0.86	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.89	0.66	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.89	0.72	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.89	0.40	ug/kg	
60-57-1	Dieldrin	ND	0.89	0.61	ug/kg	
72-54-8	4,4'-DDD	ND	0.89	0.82	ug/kg	
72-55-9	4,4'-DDE	ND	0.89	0.78	ug/kg	
50-29-3	4,4'-DDT	ND	0.89	0.79	ug/kg	
72-20-8	Endrin	ND	0.89	0.69	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.89	0.70	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.89	0.51	ug/kg	
959-98-8	Endosulfan-I	ND	0.89	0.51	ug/kg	
33213-65-9	Endosulfan-II	ND	0.89	0.56	ug/kg	
76-44-8	Heptachlor	ND	0.89	0.77	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.89	0.63	ug/kg	
72-43-5	Methoxychlor	ND	1.8	0.71	ug/kg	
53494-70-5	Endrin ketone	ND	0.89	0.65	ug/kg	
8001-35-2	Toxaphene	ND	22	21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		13-162%
877-09-8	Tetrachloro-m-xylene	78%		13-162%
2051-24-3	Decachlorobiphenyl	73%		10-180%
2051-24-3	Decachlorobiphenyl	110%		10-180%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB012 13-15'		
Lab Sample ID:	JE14894-2	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	73.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G150014.D	1	07/16/25 07:26	CP	07/14/25 11:20	OP65292	G3G5504
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	45	21	ug/kg	
11104-28-2	Aroclor 1221	ND	45	28	ug/kg	
11141-16-5	Aroclor 1232	ND	45	29	ug/kg	
53469-21-9	Aroclor 1242	ND	45	18	ug/kg	
12672-29-6	Aroclor 1248	ND	45	40	ug/kg	
11097-69-1	Aroclor 1254	ND	45	24	ug/kg	
11096-82-5	Aroclor 1260	ND	45	19	ug/kg	
11100-14-4	Aroclor 1268	ND	45	39	ug/kg	
37324-23-5	Aroclor 1262	ND	45	29	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	61%		10-174%
877-09-8	Tetrachloro-m-xylene	68%		10-174%
2051-24-3	Decachlorobiphenyl	69%		10-195%
2051-24-3	Decachlorobiphenyl	83%		10-195%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB012 13-15'
Lab Sample ID: JE14894-2
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/09/25
Date Received: 07/09/25
Percent Solids: 73.6

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	6870	71	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Antimony [a]	23.7	14	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Arsenic	11.6	2.9	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Barium	98.9	29	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Beryllium	0.41	0.29	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Cadmium [a]	< 3.6	3.6	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Calcium	7140	710	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Chromium	17.3	1.4	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Cobalt	10.0	7.1	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Copper [a]	109	18	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Iron	54100	360	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Lead [a]	397	14	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Magnesium	3010	710	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Manganese	658	2.1	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Mercury	0.27	0.038	mg/kg	1	07/11/25	07/11/25	CM	SW846 7471B [1]	SW846 7471B [4]
Nickel	20.4	5.7	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Potassium	< 1400	1400	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Selenium [a]	< 14	14	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Silver [a]	< 3.6	3.6	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Sodium	< 1400	1400	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Thallium [a]	< 7.1	7.1	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Vanadium	23.9	7.1	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Zinc	401	7.1	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA58930
(2) Instrument QC Batch: MA58958
(3) Prep QC Batch: MP55765
(4) Prep QC Batch: MP55780

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB012 13-15'		
Lab Sample ID:	JE14894-2	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
		Percent Solids:	73.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.56	0.56	mg/kg	1	07/15/25 17:02	RI	SW846 3060A/7196A
Cyanide	< 0.39	0.39	mg/kg	1	07/14/25 18:08	JD	SW846 9012B/LACHAT
Solids, Percent	73.6		%	1	07/10/25 17:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB012 13-15'		
Lab Sample ID:	JE14894-2A	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	73.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5Q1477.D	1	07/15/25 03:07	AM	07/11/25 17:00	OP65289	T5Q134
Run #2							

	Initial Weight	Final Volume
Run #1	5.04 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	1.1	0.15	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.54	0.094	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.27	0.040	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.27	0.067	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.27	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.27	0.067	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.27	0.094	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.27	0.081	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.27	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.27	0.12	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.27	0.13	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.27	0.094	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.27	0.13	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.27	0.15	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.27	0.13	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.27	0.067	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.27	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.27	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.27	0.067	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	1.1	0.38	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	1.1	0.13	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	1.1	0.26	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.27	0.094	ug/kg	
31506-32-8	MeFOSA	ND	0.27	0.081	ug/kg	
4151-50-2	EtFOSA	ND	0.27	0.067	ug/kg	

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Report of Analysis

Client Sample ID:	SB012 13-15'		
Lab Sample ID:	JE14894-2A	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	73.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.27	0.11	ug/kg	
2991-50-6	EtFOSAA	ND	0.27	0.18	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.7	0.38	ug/kg	
1691-99-2	EtFOSE	ND	2.7	0.98	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	1.1	0.24	ug/kg	
919005-14-4	ADONA	ND	1.1	0.16	ug/kg	
377-73-1	PFMPA	ND	0.54	0.040	ug/kg	
863090-89-5	PFMBA	ND	0.54	0.081	ug/kg	
151772-58-6	NFDHA	ND	0.54	0.18	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	1.1	0.35	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	1.1	0.24	ug/kg	
113507-82-7	PFEESA	ND	0.54	0.040	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.3	0.32	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.7	0.84	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.7	0.85	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	63%		8-130%
	13C5-PFPeA	68%		35-130%
	13C5-PFHxA	61%		40-130%
	13C4-PFHpA	59%		40-130%
	13C8-PFOA	59%		40-130%
	13C9-PFNA	58%		40-130%
	13C6-PFDA	52%		40-130%
	13C7-PFUnDA	60%		40-130%
	13C2-PFDoDA	58%		40-130%
	13C2-PFTeDA	68%		20-130%
	13C3-PFBS	59%		40-135%
	13C3-PFHxS	58%		40-130%

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Report of Analysis

Client Sample ID:	SB012 13-15'		
Lab Sample ID:	JE14894-2A	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	73.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	64%		40-130%
	13C8-FOSA	64%		40-130%
	d3-MeFOSA	30%		10-130%
	d5-EtFOSA	29%		10-130%
	d3-MeFOSAA	57%		40-135%
	d5-EtFOSAA	56%		40-150%
	d7-MeFOSE	41%		20-130%
	d9-EtFOSE	39%		15-130%
	13C2-4:2FTS	70%		40-165%
	13C2-6:2FTS	87%		40-215%
	13C2-8:2FTS	80%		40-275%
	13C3-HFPO-DA	68%		40-130%

ND = Not detected MDL = Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB011 6-8'		
Lab Sample ID:	JE14894-4	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	87.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194999.D	1	07/14/25 21:47	JN	n/a	n/a	V3C8460
Run #2							

	Initial Weight
Run #1	4.5 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	36.0	13	5.3	ug/kg	
71-43-2	Benzene	ND	0.64	0.58	ug/kg	
74-97-5	Bromochloromethane	ND	6.4	0.72	ug/kg	
75-27-4	Bromodichloromethane	ND	2.6	0.55	ug/kg	
75-25-2	Bromoform	ND	6.4	1.7	ug/kg	
74-83-9	Bromomethane [a]	ND	6.4	0.98	ug/kg	
78-93-3	2-Butanone (MEK)	4.3	13	3.1	ug/kg	J
75-15-0	Carbon disulfide	ND	2.6	0.68	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.6	0.79	ug/kg	
108-90-7	Chlorobenzene	ND	2.6	0.59	ug/kg	
75-00-3	Chloroethane [a]	ND	6.4	0.75	ug/kg	
67-66-3	Chloroform	ND	2.6	1.3	ug/kg	
74-87-3	Chloromethane	ND	6.4	2.5	ug/kg	
110-82-7	Cyclohexane	ND	2.6	0.84	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.6	0.89	ug/kg	
124-48-1	Dibromochloromethane	ND	2.6	0.72	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.54	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.3	0.70	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.3	0.63	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.3	0.63	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.4	0.93	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	0.63	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.60	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	0.84	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.78	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.6	0.60	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.6	0.61	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.6	0.58	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.58	ug/kg	
76-13-1	Freon 113	ND	6.4	3.4	ug/kg	
591-78-6	2-Hexanone	ND	6.4	2.7	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB011 6-8'		
Lab Sample ID:	JE14894-4	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	87.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.6	1.8	ug/kg	
79-20-9	Methyl Acetate	ND	6.4	1.8	ug/kg	
108-87-2	Methylcyclohexane	ND	2.6	1.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.60	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.4	2.9	ug/kg	
75-09-2	Methylene chloride	ND	6.4	3.3	ug/kg	
100-42-5	Styrene	ND	2.6	0.51	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.6	0.77	ug/kg	
127-18-4	Tetrachloroethene	ND	2.6	0.74	ug/kg	
108-88-3	Toluene	ND	1.3	0.67	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.4	3.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.4	3.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.6	0.62	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.6	0.71	ug/kg	
79-01-6	Trichloroethene	ND	1.3	0.97	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.4	0.87	ug/kg	
75-01-4	Vinyl chloride	ND	2.6	0.61	ug/kg	
	m,p-Xylene	ND	1.3	1.1	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	1.3	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-124%
17060-07-0	1,2-Dichloroethane-D4	97%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	100%		58-148%

(a) Associated CCV outside of control limits high, sample was ND.

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB011 6-8'		
Lab Sample ID:	JE14894-4	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	87.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12809.D	1	07/14/25 17:43	AO	07/11/25 21:35	OP65288	ECT573
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	76	19	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	23	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	32	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	68	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	190	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	190	41	ug/kg	
95-48-7	2-Methylphenol	ND	76	24	ug/kg	
	3&4-Methylphenol	70.9	76	31	ug/kg	J
88-75-5	2-Nitrophenol	ND	190	25	ug/kg	
100-02-7	4-Nitrophenol	ND	380	100	ug/kg	
87-86-5	Pentachlorophenol	ND	150	36	ug/kg	
108-95-2	Phenol	ND	76	20	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	25	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	28	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	23	ug/kg	
83-32-9	Acenaphthene	307	38	13	ug/kg	
208-96-8	Acenaphthylene	42.6	38	19	ug/kg	
98-86-2	Acetophenone	ND	190	8.2	ug/kg	
120-12-7	Anthracene	788	38	23	ug/kg	
1912-24-9	Atrazine	ND	76	16	ug/kg	
56-55-3	Benzo(a)anthracene	1030	38	11	ug/kg	
50-32-8	Benzo(a)pyrene	1090	38	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	1160	38	17	ug/kg	
191-24-2	Benzo(g,h,i)perylene	689	38	19	ug/kg	
207-08-9	Benzo(k)fluoranthene	345	38	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	76	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	76	9.3	ug/kg	
92-52-4	1,1'-Biphenyl	41.5	76	5.2	ug/kg	J
100-52-7	Benzaldehyde	12.9	190	9.4	ug/kg	J
91-58-7	2-Chloronaphthalene	ND	76	9.0	ug/kg	
106-47-8	4-Chloroaniline	ND	190	14	ug/kg	
86-74-8	Carbazole	145	76	5.5	ug/kg	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB011 6-8'		
Lab Sample ID:	JE14894-4	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	87.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	76	15	ug/kg	
218-01-9	Chrysene	981	38	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	76	8.1	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	76	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	76	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	76	12	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	38	12	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	38	19	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	76	32	ug/kg	
123-91-1	1,4-Dioxane	ND	38	25	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	176	38	17	ug/kg	
132-64-9	Dibenzofuran	232	76	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	76	6.2	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	76	9.4	ug/kg	
84-66-2	Diethyl phthalate	ND	76	8.1	ug/kg	
131-11-3	Dimethyl phthalate	ND	76	6.8	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	76	8.9	ug/kg	
206-44-0	Fluoranthene	2590	38	17	ug/kg	
86-73-7	Fluorene	336	38	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	76	9.6	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	38	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene [b]	ND	380	15	ug/kg	
67-72-1	Hexachloroethane	ND	190	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	541	38	18	ug/kg	
78-59-1	Isophorone	ND	76	8.1	ug/kg	
91-57-6	2-Methylnaphthalene	103	38	8.6	ug/kg	
88-74-4	2-Nitroaniline	ND	190	9.0	ug/kg	
99-09-2	3-Nitroaniline	ND	190	9.5	ug/kg	
100-01-6	4-Nitroaniline	ND	190	9.8	ug/kg	
91-20-3	Naphthalene	213	38	11	ug/kg	
98-95-3	Nitrobenzene	ND	76	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	76	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	14	ug/kg	
85-01-8	Phenanthrene	2430	38	13	ug/kg	
129-00-0	Pyrene	2200	38	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	9.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	35%		10-99%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB011 6-8'		
Lab Sample ID:	JE14894-4	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	87.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	31%		10-96%
118-79-6	2,4,6-Tribromophenol	50%		10-123%
4165-60-0	Nitrobenzene-d5	33%		10-109%
321-60-8	2-Fluorobiphenyl	46%		11-109%
1718-51-0	Terphenyl-d14	41%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB011 6-8'		
Lab Sample ID:	JE14894-4	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8081B SW846 3546	**Percent Solids:**	87.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G211508.D	1	07/24/25 13:19	AS	07/14/25 11:20	OP65291	G1G7646
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.76	0.63	ug/kg	
319-84-6	alpha-BHC	ND	0.76	0.62	ug/kg	
319-85-7	beta-BHC	ND	0.76	0.69	ug/kg	
319-86-8	delta-BHC	ND	0.76	0.73	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.76	0.56	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.76	0.61	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.76	0.34	ug/kg	
60-57-1	Dieldrin	ND	0.76	0.52	ug/kg	
72-54-8	4,4'-DDD	ND	0.76	0.70	ug/kg	
72-55-9	4,4'-DDE	ND	0.76	0.67	ug/kg	
50-29-3	4,4'-DDT	ND	0.76	0.67	ug/kg	
72-20-8	Endrin	ND	0.76	0.59	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.76	0.59	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.76	0.43	ug/kg	
959-98-8	Endosulfan-I	ND	0.76	0.44	ug/kg	
33213-65-9	Endosulfan-II	ND	0.76	0.47	ug/kg	
76-44-8	Heptachlor	ND	0.76	0.66	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.76	0.53	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.61	ug/kg	
53494-70-5	Endrin ketone	ND	0.76	0.55	ug/kg	
8001-35-2	Toxaphene	ND	19	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	71%		13-162%
877-09-8	Tetrachloro-m-xylene	72%		13-162%
2051-24-3	Decachlorobiphenyl	70%		10-180%
2051-24-3	Decachlorobiphenyl	101%		10-180%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB011 6-8'		
Lab Sample ID:	JE14894-4	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	87.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G150015.D	1	07/16/25 07:42	CP	07/14/25 11:20	OP65292	G3G5504
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	38	18	ug/kg	
11104-28-2	Aroclor 1221	ND	38	24	ug/kg	
11141-16-5	Aroclor 1232	ND	38	24	ug/kg	
53469-21-9	Aroclor 1242	ND	38	16	ug/kg	
12672-29-6	Aroclor 1248	ND	38	34	ug/kg	
11097-69-1	Aroclor 1254	ND	38	20	ug/kg	
11096-82-5	Aroclor 1260	ND	38	16	ug/kg	
11100-14-4	Aroclor 1268	ND	38	33	ug/kg	
37324-23-5	Aroclor 1262	ND	38	25	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	59%		10-174%
877-09-8	Tetrachloro-m-xylene	67%		10-174%
2051-24-3	Decachlorobiphenyl	64%		10-195%
2051-24-3	Decachlorobiphenyl	77%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB011 6-8'
Lab Sample ID: JE14894-4
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/09/25
Date Received: 07/09/25
Percent Solids: 87.0

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	4590	54	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Antimony	< 2.1	2.1	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Arsenic	4.2	2.1	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Barium	34.4	21	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Beryllium	0.27	0.21	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Cadmium	< 0.54	0.54	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Calcium	22600	2700	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Chromium	10.0	1.1	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Cobalt	< 5.4	5.4	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Copper	28.7	2.7	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Iron	10100	54	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Lead	31.0	2.1	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Magnesium	11500	540	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Manganese	204	1.6	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Mercury	0.37	0.033	mg/kg	1	07/11/25	07/11/25	CM	SW846 7471B [1]	SW846 7471B [4]
Nickel	10.5	4.3	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Potassium	< 1100	1100	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Selenium	< 2.1	2.1	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Silver	< 0.54	0.54	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Sodium	< 1100	1100	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Thallium	< 1.1	1.1	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Vanadium	17.3	5.4	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Zinc	91.7	5.4	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA58930
(2) Instrument QC Batch: MA58958
(3) Prep QC Batch: MP55765
(4) Prep QC Batch: MP55780

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB011 6-8'		
Lab Sample ID:	JE14894-4	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
		Percent Solids:	87.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.46	0.46	mg/kg	1	07/15/25 17:02	RI	SW846 3060A/7196A
Cyanide	< 0.26	0.26	mg/kg	1	07/14/25 18:10	JD	SW846 9012B/LACHAT
Solids, Percent	87		%	1	07/10/25 17:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB011 6-8'
Lab Sample ID: JE14894-4A
Matrix: SO - Soil
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/09/25
Date Received: 07/09/25
Percent Solids: 87.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5Q1479.D	1	07/15/25 03:39	AM	07/11/25 17:00	OP65289	T5Q134
Run #2							

	Initial Weight	Final Volume
Run #1	5.08 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.91	0.12	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.45	0.079	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.23	0.034	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.23	0.057	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.23	0.091	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.23	0.057	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.23	0.079	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.23	0.068	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.23	0.091	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.23	0.10	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.23	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.23	0.079	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.23	0.11	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.23	0.12	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.23	0.11	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	0.34	0.23	0.057	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.23	0.16	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.23	0.12	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.23	0.057	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.91	0.32	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.91	0.11	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.91	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.23	0.079	ug/kg	
31506-32-8	MeFOSA	ND	0.23	0.068	ug/kg	
4151-50-2	EtFOSA	ND	0.23	0.057	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB011 6-8'		
Lab Sample ID:	JE14894-4A	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	87.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.23	0.091	ug/kg	
2991-50-6	EtFOSAA	ND	0.23	0.15	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.3	0.32	ug/kg	
1691-99-2	EtFOSE	ND	2.3	0.83	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.91	0.20	ug/kg	
919005-14-4	ADONA	ND	0.91	0.14	ug/kg	
377-73-1	PFMPA	ND	0.45	0.034	ug/kg	
863090-89-5	PFMBA	ND	0.45	0.068	ug/kg	
151772-58-6	NFDHA	ND	0.45	0.15	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.91	0.29	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.91	0.20	ug/kg	
113507-82-7	PFEESA	ND	0.45	0.034	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.27	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.7	0.70	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.7	0.71	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	70%		8-130%
	13C5-PFPeA	77%		35-130%
	13C5-PFHxA	72%		40-130%
	13C4-PFHpA	65%		40-130%
	13C8-PFOA	73%		40-130%
	13C9-PFNA	65%		40-130%
	13C6-PFDA	59%		40-130%
	13C7-PFUnDA	65%		40-130%
	13C2-PFDoDA	62%		40-130%
	13C2-PFTeDA	72%		20-130%
	13C3-PFBS	72%		40-135%
	13C3-PFHxS	71%		40-130%

ND = Not detected MDL = Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB011 6-8'		
Lab Sample ID:	JE14894-4A	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	87.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	66%		40-130%
	13C8-FOSA	67%		40-130%
	d3-MeFOSA	29%		10-130%
	d5-EtFOSA	26%		10-130%
	d3-MeFOSAA	60%		40-135%
	d5-EtFOSAA	59%		40-150%
	d7-MeFOSE	38%		20-130%
	d9-EtFOSE	36%		15-130%
	13C2-4:2FTS	80%		40-165%
	13C2-6:2FTS	103%		40-215%
	13C2-8:2FTS	101%		40-275%
	13C3-HFPO-DA	81%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB011 13-15'		
Lab Sample ID:	JE14894-5	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	71.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C195000.D	1	07/14/25 22:13	JN	n/a	n/a	V3C8460
Run #2							

	Initial Weight
Run #1	5.3 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	80.1	13	5.4	ug/kg	
71-43-2	Benzene	ND	0.66	0.60	ug/kg	
74-97-5	Bromochloromethane	ND	6.6	0.74	ug/kg	
75-27-4	Bromodichloromethane	ND	2.6	0.56	ug/kg	
75-25-2	Bromoform	ND	6.6	1.8	ug/kg	
74-83-9	Bromomethane [a]	ND	6.6	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	14.7	13	3.2	ug/kg	
75-15-0	Carbon disulfide	0.78	2.6	0.70	ug/kg	J
56-23-5	Carbon tetrachloride	ND	2.6	0.81	ug/kg	
108-90-7	Chlorobenzene	ND	2.6	0.60	ug/kg	
75-00-3	Chloroethane [a]	ND	6.6	0.78	ug/kg	
67-66-3	Chloroform	ND	2.6	1.3	ug/kg	
74-87-3	Chloromethane	ND	6.6	2.6	ug/kg	
110-82-7	Cyclohexane	ND	2.6	0.86	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.6	0.91	ug/kg	
124-48-1	Dibromochloromethane	ND	2.6	0.74	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.55	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.3	0.72	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.3	0.65	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.3	0.65	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.6	0.96	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	0.65	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.62	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	0.86	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.80	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.6	0.62	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.6	0.62	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.6	0.60	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.60	ug/kg	
76-13-1	Freon 113	ND	6.6	3.5	ug/kg	
591-78-6	2-Hexanone	ND	6.6	2.8	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB011 13-15'		
Lab Sample ID:	JE14894-5	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	71.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.6	1.9	ug/kg	
79-20-9	Methyl Acetate	ND	6.6	1.8	ug/kg	
108-87-2	Methylcyclohexane	ND	2.6	1.2	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.62	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.6	3.0	ug/kg	
75-09-2	Methylene chloride	ND	6.6	3.4	ug/kg	
100-42-5	Styrene	ND	2.6	0.53	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.6	0.79	ug/kg	
127-18-4	Tetrachloroethene	ND	2.6	0.76	ug/kg	
108-88-3	Toluene	ND	1.3	0.69	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.6	3.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.6	3.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.6	0.64	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.6	0.73	ug/kg	
79-01-6	Trichloroethene	ND	1.3	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.6	0.90	ug/kg	
75-01-4	Vinyl chloride	ND	2.6	0.63	ug/kg	
	m,p-Xylene	ND	1.3	1.2	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.60	ug/kg	
1330-20-7	Xylene (total)	ND	1.3	0.60	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-124%
17060-07-0	1,2-Dichloroethane-D4	96%		75-133%
2037-26-5	Toluene-D8	101%		79-125%
460-00-4	4-Bromofluorobenzene	94%		58-148%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB011 13-15'		
Lab Sample ID:	JE14894-5	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	71.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12810.D	1	07/14/25 18:02	AO	07/11/25 21:35	OP65288	ECT573
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	93	23	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	28	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	40	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	82	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	230	170	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	230	50	ug/kg	
95-48-7	2-Methylphenol	ND	93	30	ug/kg	
	3&4-Methylphenol	142	93	38	ug/kg	
88-75-5	2-Nitrophenol	ND	230	31	ug/kg	
100-02-7	4-Nitrophenol	ND	460	120	ug/kg	
87-86-5	Pentachlorophenol	ND	190	44	ug/kg	
108-95-2	Phenol	ND	93	24	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	230	31	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	28	ug/kg	
83-32-9	Acenaphthene	17.0	46	16	ug/kg	J
208-96-8	Acenaphthylene	ND	46	24	ug/kg	
98-86-2	Acetophenone	ND	230	10	ug/kg	
120-12-7	Anthracene	ND	46	28	ug/kg	
1912-24-9	Atrazine	ND	93	20	ug/kg	
56-55-3	Benzo(a)anthracene	47.0	46	13	ug/kg	
50-32-8	Benzo(a)pyrene	25.8	46	21	ug/kg	J
205-99-2	Benzo(b)fluoranthene	84.6	46	20	ug/kg	
191-24-2	Benzo(g,h,i)perylene	32.1	46	23	ug/kg	J
207-08-9	Benzo(k)fluoranthene	ND	46	22	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	93	18	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	93	11	ug/kg	
92-52-4	1,1'-Biphenyl	12.4	93	6.3	ug/kg	J
100-52-7	Benzaldehyde	194	230	11	ug/kg	J
91-58-7	2-Chloronaphthalene	ND	93	11	ug/kg	
106-47-8	4-Chloroaniline	ND	230	17	ug/kg	
86-74-8	Carbazole	9.1	93	6.7	ug/kg	J

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB011 13-15'		
Lab Sample ID:	JE14894-5	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	71.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	93	18	ug/kg	
218-01-9	Chrysene	93.9	46	15	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	93	9.9	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	93	20	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	93	17	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	93	15	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	46	14	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	46	23	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	93	39	ug/kg	
123-91-1	1,4-Dioxane	ND	46	31	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	46	20	ug/kg	
132-64-9	Dibenzofuran	ND	93	19	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	93	7.6	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	93	12	ug/kg	
84-66-2	Diethyl phthalate	ND	93	9.9	ug/kg	
131-11-3	Dimethyl phthalate	ND	93	8.2	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	93	11	ug/kg	
206-44-0	Fluoranthene	176	46	21	ug/kg	
86-73-7	Fluorene	22.4	46	21	ug/kg	J
118-74-1	Hexachlorobenzene	ND	93	12	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	46	19	ug/kg	
77-47-4	Hexachlorocyclopentadiene [b]	ND	460	18	ug/kg	
67-72-1	Hexachloroethane	ND	230	23	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	24.5	46	22	ug/kg	J
78-59-1	Isophorone	ND	93	9.9	ug/kg	
91-57-6	2-Methylnaphthalene	20.8	46	10	ug/kg	J
88-74-4	2-Nitroaniline	ND	230	11	ug/kg	
99-09-2	3-Nitroaniline	ND	230	12	ug/kg	
100-01-6	4-Nitroaniline	ND	230	12	ug/kg	
91-20-3	Naphthalene	86.7	46	13	ug/kg	
98-95-3	Nitrobenzene	ND	93	18	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	93	13	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	17	ug/kg	
85-01-8	Phenanthrene	155	46	16	ug/kg	
129-00-0	Pyrene	113	46	15	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	230	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	40%		10-99%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB011 13-15'		
Lab Sample ID:	JE14894-5	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	71.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	38%		10-96%
118-79-6	2,4,6-Tribromophenol	60%		10-123%
4165-60-0	Nitrobenzene-d5	37%		10-109%
321-60-8	2-Fluorobiphenyl	55%		11-109%
1718-51-0	Terphenyl-d14	48%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB011 13-15'		
Lab Sample ID:	JE14894-5	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8081B SW846 3546	**Percent Solids:**	71.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G211509.D	1	07/24/25 13:35	AS	07/14/25 11:20	OP65291	G1G7646
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.92	0.76	ug/kg	
319-84-6	alpha-BHC	ND	0.92	0.75	ug/kg	
319-85-7	beta-BHC	ND	0.92	0.83	ug/kg	
319-86-8	delta-BHC	ND	0.92	0.88	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.92	0.68	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.92	0.74	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.92	0.42	ug/kg	
60-57-1	Dieldrin	ND	0.92	0.63	ug/kg	
72-54-8	4,4'-DDD	ND	0.92	0.84	ug/kg	
72-55-9	4,4'-DDE	ND	0.92	0.80	ug/kg	
50-29-3	4,4'-DDT	ND	0.92	0.81	ug/kg	
72-20-8	Endrin	ND	0.92	0.71	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.92	0.72	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.92	0.52	ug/kg	
959-98-8	Endosulfan-I	ND	0.92	0.53	ug/kg	
33213-65-9	Endosulfan-II	ND	0.92	0.57	ug/kg	
76-44-8	Heptachlor	ND	0.92	0.79	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.92	0.64	ug/kg	
72-43-5	Methoxychlor	ND	1.8	0.73	ug/kg	
53494-70-5	Endrin ketone	ND	0.92	0.66	ug/kg	
8001-35-2	Toxaphene	ND	23	21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	90%		13-162%
877-09-8	Tetrachloro-m-xylene	92%		13-162%
2051-24-3	Decachlorobiphenyl	77%		10-180%
2051-24-3	Decachlorobiphenyl	98%		10-180%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB011 13-15'		
Lab Sample ID:	JE14894-5	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	71.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G150016.D	1	07/16/25 07:59	CP	07/14/25 11:20	OP65292	G3G5504
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	46	21	ug/kg	
11104-28-2	Aroclor 1221	ND	46	28	ug/kg	
11141-16-5	Aroclor 1232	ND	46	29	ug/kg	
53469-21-9	Aroclor 1242	ND	46	19	ug/kg	
12672-29-6	Aroclor 1248	ND	46	41	ug/kg	
11097-69-1	Aroclor 1254	ND	46	25	ug/kg	
11096-82-5	Aroclor 1260	ND	46	20	ug/kg	
11100-14-4	Aroclor 1268	ND	46	40	ug/kg	
37324-23-5	Aroclor 1262	ND	46	30	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	84%		10-174%
877-09-8	Tetrachloro-m-xylene	76%		10-174%
2051-24-3	Decachlorobiphenyl	72%		10-195%
2051-24-3	Decachlorobiphenyl	80%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB011 13-15'
Lab Sample ID: JE14894-5
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/09/25
Date Received: 07/09/25
Percent Solids: 71.7

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	4830	70	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Antimony	< 2.8	2.8	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Arsenic	39.6	2.8	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Barium	115	28	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Beryllium	0.48	0.28	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Cadmium	< 0.70	0.70	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Calcium	2920	700	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Chromium	16.6	1.4	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Cobalt	< 7.0	7.0	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Copper	74.3	3.5	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Iron	15300	70	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Lead	268	2.8	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Magnesium	1060	700	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Manganese	402	2.1	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Mercury	11.0	2.1	mg/kg	50	07/11/25	07/11/25	CM	SW846 7471B [1]	SW846 7471B [4]
Nickel	17.0	5.6	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Potassium	< 1400	1400	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Selenium	18.8	2.8	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Silver	< 0.70	0.70	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Sodium	< 1400	1400	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Thallium	< 1.4	1.4	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Vanadium	30.4	7.0	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Zinc	116	7.0	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA58930
(2) Instrument QC Batch: MA58958
(3) Prep QC Batch: MP55765
(4) Prep QC Batch: MP55780

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB011 13-15'		
Lab Sample ID:	JE14894-5	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
		Percent Solids:	71.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.54	0.54	mg/kg	1	07/15/25 17:02	RI	SW846 3060A/7196A
Cyanide	< 0.38	0.38	mg/kg	1	07/14/25 18:11	JD	SW846 9012B/LACHAT
Solids, Percent	71.7		%	1	07/10/25 17:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB011 13-15'
Lab Sample ID: JE14894-5A
Matrix: SO - Soil
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/09/25
Date Received: 07/09/25
Percent Solids: 71.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5Q1480.D	1	07/15/25 03:55	AM	07/11/25 17:00	OP65289	T5Q134
Run #2							

	Initial Weight	Final Volume
Run #1	5.19 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	1.1	0.15	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.54	0.094	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.27	0.040	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.27	0.067	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.27	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.27	0.067	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.27	0.094	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.27	0.081	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.27	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.27	0.12	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.27	0.13	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.27	0.094	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.27	0.13	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.27	0.15	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.27	0.13	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	0.19	0.27	0.067	ug/kg	J
68259-12-1	Perfluorononanesulfonic acid	ND	0.27	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.27	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.27	0.067	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	1.1	0.38	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	1.1	0.13	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	1.1	0.26	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.27	0.094	ug/kg	
31506-32-8	MeFOSA	ND	0.27	0.081	ug/kg	
4151-50-2	EtFOSA	ND	0.27	0.067	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB011 13-15'		
Lab Sample ID:	JE14894-5A	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	71.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.27	0.11	ug/kg	
2991-50-6	EtFOSAA	ND	0.27	0.17	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.7	0.38	ug/kg	
1691-99-2	EtFOSE	ND	2.7	0.98	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	1.1	0.24	ug/kg	
919005-14-4	ADONA	ND	1.1	0.16	ug/kg	
377-73-1	PFMPA	ND	0.54	0.040	ug/kg	
863090-89-5	PFMBA	ND	0.54	0.081	ug/kg	
151772-58-6	NFDHA	ND	0.54	0.17	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	1.1	0.35	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	1.1	0.24	ug/kg	
113507-82-7	PFEESA	ND	0.54	0.040	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.3	0.32	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.7	0.83	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.7	0.85	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	67%		8-130%
	13C5-PFPeA	72%		35-130%
	13C5-PFHxA	66%		40-130%
	13C4-PFHpA	64%		40-130%
	13C8-PFOA	68%		40-130%
	13C9-PFNA	64%		40-130%
	13C6-PFDA	59%		40-130%
	13C7-PFUnDA	70%		40-130%
	13C2-PFDoDA	58%		40-130%
	13C2-PFTeDA	70%		20-130%
	13C3-PFBS	71%		40-135%
	13C3-PFHxS	66%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB011 13-15'		
Lab Sample ID:	JE14894-5A	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	71.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	64%		40-130%
	13C8-FOSA	65%		40-130%
	d3-MeFOSA	38%		10-130%
	d5-EtFOSA	34%		10-130%
	d3-MeFOSAA	57%		40-135%
	d5-EtFOSAA	58%		40-150%
	d7-MeFOSE	45%		20-130%
	d9-EtFOSE	41%		15-130%
	13C2-4:2FTS	77%		40-165%
	13C2-6:2FTS	96%		40-215%
	13C2-8:2FTS	103%		40-275%
	13C3-HFPO-DA	71%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB022 7-9'
Lab Sample ID: JE14894-6
Matrix: SO - Soil
Method: SW846 8260D
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/09/25
Date Received: 07/09/25
Percent Solids: 72.6

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C195001.D	1	07/14/25 22:39	JN	n/a	n/a	V3C8460
Run #2							

	Initial Weight
Run #1	2.9 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	72.8	24	9.8	ug/kg	
71-43-2	Benzene	36.3	1.2	1.1	ug/kg	
74-97-5	Bromochloromethane	ND	12	1.3	ug/kg	
75-27-4	Bromodichloromethane	ND	4.7	1.0	ug/kg	
75-25-2	Bromoform	ND	12	3.2	ug/kg	
74-83-9	Bromomethane [a]	ND	12	1.8	ug/kg	
78-93-3	2-Butanone (MEK)	16.0	24	5.8	ug/kg	J
75-15-0	Carbon disulfide	1.8	4.7	1.3	ug/kg	J
56-23-5	Carbon tetrachloride	ND	4.7	1.5	ug/kg	
108-90-7	Chlorobenzene	62.7	4.7	1.1	ug/kg	
75-00-3	Chloroethane [a]	ND	12	1.4	ug/kg	
67-66-3	Chloroform	ND	4.7	2.4	ug/kg	
74-87-3	Chloromethane	ND	12	4.7	ug/kg	
110-82-7	Cyclohexane	2.6	4.7	1.6	ug/kg	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.7	1.6	ug/kg	
124-48-1	Dibromochloromethane	ND	4.7	1.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	2.4	1.0	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	2.4	1.3	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	2.4	1.2	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	2.4	1.2	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	12	1.7	ug/kg	
75-34-3	1,1-Dichloroethane	ND	2.4	1.2	ug/kg	
107-06-2	1,2-Dichloroethane	ND	2.4	1.1	ug/kg	
75-35-4	1,1-Dichloroethene	ND	2.4	1.6	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	2.4	2.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	2.4	1.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	4.7	1.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.7	1.1	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.7	1.1	ug/kg	
100-41-4	Ethylbenzene	30.6	2.4	1.1	ug/kg	
76-13-1	Freon 113	ND	12	6.3	ug/kg	
591-78-6	2-Hexanone	ND	12	5.0	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB022 7-9'		
Lab Sample ID:	JE14894-6	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	72.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	42.3	4.7	3.4	ug/kg	
79-20-9	Methyl Acetate	ND	12	3.3	ug/kg	
108-87-2	Methylcyclohexane	15.5	4.7	2.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	2.4	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	12	5.4	ug/kg	
75-09-2	Methylene chloride	ND	12	6.2	ug/kg	
100-42-5	Styrene	ND	4.7	0.95	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.7	1.4	ug/kg	
127-18-4	Tetrachloroethene	ND	4.7	1.4	ug/kg	
108-88-3	Toluene	51.6	2.4	1.2	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	12	5.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	12	5.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.7	1.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.7	1.3	ug/kg	
79-01-6	Trichloroethene	ND	2.4	1.8	ug/kg	
75-69-4	Trichlorofluoromethane	ND	12	1.6	ug/kg	
75-01-4	Vinyl chloride	ND	4.7	1.1	ug/kg	
	m,p-Xylene	61.5	2.4	2.1	ug/kg	
95-47-6	o-Xylene	9.3	2.4	1.1	ug/kg	
1330-20-7	Xylene (total)	70.8	2.4	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-124%
17060-07-0	1,2-Dichloroethane-D4	99%		75-133%
2037-26-5	Toluene-D8	101%		79-125%
460-00-4	4-Bromofluorobenzene	93%		58-148%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB022 7-9'		
Lab Sample ID:	JE14894-6	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	72.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12811.D	1	07/14/25 18:22	AO	07/11/25 21:35	OP65288	ECT573
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	92	23	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	28	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	39	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	81	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	230	170	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	230	49	ug/kg	
95-48-7	2-Methylphenol	ND	92	29	ug/kg	
	3&4-Methylphenol	622	92	38	ug/kg	
88-75-5	2-Nitrophenol	ND	230	30	ug/kg	
100-02-7	4-Nitrophenol	ND	460	120	ug/kg	
87-86-5	Pentachlorophenol	ND	180	43	ug/kg	
108-95-2	Phenol	62.7	92	24	ug/kg	J
58-90-2	2,3,4,6-Tetrachlorophenol	ND	230	30	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	27	ug/kg	
83-32-9	Acenaphthene	420	46	16	ug/kg	
208-96-8	Acenaphthylene	1200	46	23	ug/kg	
98-86-2	Acetophenone	ND	230	9.8	ug/kg	
120-12-7	Anthracene	802	46	28	ug/kg	
1912-24-9	Atrazine	ND	92	20	ug/kg	
56-55-3	Benzo(a)anthracene	1120	46	13	ug/kg	
50-32-8	Benzo(a)pyrene	1160	46	21	ug/kg	
205-99-2	Benzo(b)fluoranthene	1130	46	20	ug/kg	
191-24-2	Benzo(g,h,i)perylene	676	46	23	ug/kg	
207-08-9	Benzo(k)fluoranthene	366	46	21	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	92	18	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	92	11	ug/kg	
92-52-4	1,1'-Biphenyl	170	92	6.3	ug/kg	
100-52-7	Benzaldehyde	ND	230	11	ug/kg	
91-58-7	2-Chloronaphthalene	ND	92	11	ug/kg	
106-47-8	4-Chloroaniline	ND	230	16	ug/kg	
86-74-8	Carbazole	70.2	92	6.6	ug/kg	J

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB022 7-9'		
Lab Sample ID:	JE14894-6	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	72.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	92	18	ug/kg	
218-01-9	Chrysene	1110	46	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	92	9.8	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	92	20	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	92	16	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	92	15	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	46	14	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	46	23	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	92	38	ug/kg	
123-91-1	1,4-Dioxane	ND	46	30	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	204	46	20	ug/kg	
132-64-9	Dibenzofuran	124	92	19	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	92	7.5	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	92	11	ug/kg	
84-66-2	Diethyl phthalate	ND	92	9.7	ug/kg	
131-11-3	Dimethyl phthalate	ND	92	8.1	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	92	11	ug/kg	
206-44-0	Fluoranthene	1990	46	20	ug/kg	
86-73-7	Fluorene	722	46	21	ug/kg	
118-74-1	Hexachlorobenzene	ND	92	12	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	46	18	ug/kg	
77-47-4	Hexachlorocyclopentadiene [b]	ND	460	18	ug/kg	
67-72-1	Hexachloroethane	ND	230	23	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	489	46	21	ug/kg	
78-59-1	Isophorone	ND	92	9.8	ug/kg	
91-57-6	2-Methylnaphthalene	1550	46	10	ug/kg	
88-74-4	2-Nitroaniline	ND	230	11	ug/kg	
99-09-2	3-Nitroaniline	ND	230	11	ug/kg	
100-01-6	4-Nitroaniline	ND	230	12	ug/kg	
91-20-3	Naphthalene	1770	46	13	ug/kg	
98-95-3	Nitrobenzene	ND	92	18	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	92	13	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	17	ug/kg	
85-01-8	Phenanthrene	1690	46	15	ug/kg	
129-00-0	Pyrene	2330	46	15	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	230	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	33%		10-99%

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RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB022 7-9'		
Lab Sample ID:	JE14894-6	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	72.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	32%		10-96%
118-79-6	2,4,6-Tribromophenol	46%		10-123%
4165-60-0	Nitrobenzene-d5	33%		10-109%
321-60-8	2-Fluorobiphenyl	40%		11-109%
1718-51-0	Terphenyl-d14	38%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

Report of Analysis

Client Sample ID: SB022 7-9'
Lab Sample ID: JE14894-6
Matrix: SO - Soil
Method: SW846 8081B SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/09/25
Date Received: 07/09/25
Percent Solids: 72.6

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G211510.D	1	07/24/25 13:51	AS	07/14/25 11:20	OP65291	G1G7646
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.90	0.74	ug/kg	
319-84-6	alpha-BHC	ND	0.90	0.73	ug/kg	
319-85-7	beta-BHC	ND	0.90	0.81	ug/kg	
319-86-8	delta-BHC	ND	0.90	0.86	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.90	0.66	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.90	0.73	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.90	0.41	ug/kg	
60-57-1	Dieldrin	ND	0.90	0.62	ug/kg	
72-54-8	4,4'-DDD [a]	8.9	0.90	0.83	ug/kg	
72-55-9	4,4'-DDE	ND	0.90	0.79	ug/kg	
50-29-3	4,4'-DDT	ND	0.90	0.80	ug/kg	
72-20-8	Endrin	ND	0.90	0.70	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.90	0.70	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.90	0.51	ug/kg	
959-98-8	Endosulfan-I	ND	0.90	0.52	ug/kg	
33213-65-9	Endosulfan-II	ND	0.90	0.56	ug/kg	
76-44-8	Heptachlor	ND	0.90	0.78	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.90	0.63	ug/kg	
72-43-5	Methoxychlor	ND	1.8	0.72	ug/kg	
53494-70-5	Endrin ketone	ND	0.90	0.65	ug/kg	
8001-35-2	Toxaphene	ND	23	21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	72%		13-162%
877-09-8	Tetrachloro-m-xylene	65%		13-162%
2051-24-3	Decachlorobiphenyl	57%		10-180%
2051-24-3	Decachlorobiphenyl	106%		10-180%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB022 7-9'		
Lab Sample ID:	JE14894-6	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	72.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G150017.D	1	07/16/25 08:16	CP	07/14/25 11:20	OP65292	G3G5504
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	45	21	ug/kg	
11104-28-2	Aroclor 1221	ND	45	28	ug/kg	
11141-16-5	Aroclor 1232	ND	45	29	ug/kg	
53469-21-9	Aroclor 1242	ND	45	18	ug/kg	
12672-29-6	Aroclor 1248	ND	45	40	ug/kg	
11097-69-1	Aroclor 1254	ND	45	24	ug/kg	
11096-82-5	Aroclor 1260	ND	45	19	ug/kg	
11100-14-4	Aroclor 1268	ND	45	39	ug/kg	
37324-23-5	Aroclor 1262	ND	45	29	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	33%		10-174%
877-09-8	Tetrachloro-m-xylene	67%		10-174%
2051-24-3	Decachlorobiphenyl	56%		10-195%
2051-24-3	Decachlorobiphenyl	58%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB022 7-9'
Lab Sample ID: JE14894-6
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/09/25
Date Received: 07/09/25
Percent Solids: 72.6

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	8910	64	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Antimony	< 2.5	2.5	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Arsenic	6.5	2.5	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Barium	45.2	25	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Beryllium	0.43	0.25	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Cadmium	< 0.64	0.64	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Calcium	12900	640	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Chromium	20.3	1.3	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Cobalt	8.0	6.4	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Copper	43.6	3.2	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Iron	25100	64	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Lead	114	2.5	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Magnesium	8110	640	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Manganese	501	1.9	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Mercury	0.16	0.039	mg/kg	1	07/11/25	07/11/25	CM	SW846 7471B [1]	SW846 7471B [4]
Nickel	18.0	5.1	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Potassium	< 1300	1300	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Selenium	< 2.5	2.5	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Silver	< 0.64	0.64	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Sodium	< 1300	1300	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Thallium	< 1.3	1.3	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Vanadium	22.8	6.4	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Zinc	57.3	6.4	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA58930
(2) Instrument QC Batch: MA58958
(3) Prep QC Batch: MP55765
(4) Prep QC Batch: MP55780

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB022 7-9'		
Lab Sample ID:	JE14894-6	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
		Percent Solids:	72.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.53	0.53	mg/kg	1	07/15/25 17:02	RI	SW846 3060A/7196A
Cyanide	< 0.34	0.34	mg/kg	1	07/14/25 18:12	JD	SW846 9012B/LACHAT
Solids, Percent	72.6		%	1	07/10/25 17:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB022 7-9'
Lab Sample ID: JE14894-6A
Matrix: SO - Soil
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/09/25
Date Received: 07/09/25
Percent Solids: 72.6

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5Q1481.D	1	07/15/25 04:11	AM	07/11/25 17:00	OP65289	T5Q134
Run #2							

	Initial Weight	Final Volume
Run #1	5.16 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	1.1	0.15	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.53	0.093	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.27	0.040	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.27	0.067	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.27	0.11	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.27	0.067	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.27	0.093	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.27	0.080	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.27	0.11	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.27	0.12	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.27	0.13	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.27	0.093	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.27	0.13	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.27	0.15	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.27	0.13	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	0.097	0.27	0.067	ug/kg	J
68259-12-1	Perfluorononanesulfonic acid	ND	0.27	0.19	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.27	0.15	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.27	0.067	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	1.1	0.37	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	1.1	0.13	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	1.1	0.25	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.27	0.093	ug/kg	
31506-32-8	MeFOSA	ND	0.27	0.080	ug/kg	
4151-50-2	EtFOSA	ND	0.27	0.067	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB022 7-9'		
Lab Sample ID:	JE14894-6A	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	72.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.27	0.11	ug/kg	
2991-50-6	EtFOSAA	ND	0.27	0.17	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.7	0.37	ug/kg	
1691-99-2	EtFOSE	ND	2.7	0.97	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	1.1	0.24	ug/kg	
919005-14-4	ADONA	ND	1.1	0.16	ug/kg	
377-73-1	PFMPA	ND	0.53	0.040	ug/kg	
863090-89-5	PFMBA	ND	0.53	0.080	ug/kg	
151772-58-6	NFDHA	ND	0.53	0.17	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	1.1	0.35	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	1.1	0.24	ug/kg	
113507-82-7	PFEESA	ND	0.53	0.040	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.3	0.32	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.7	0.83	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.7	0.84	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	67%		8-130%
	13C5-PFPeA	68%		35-130%
	13C5-PFHxA	64%		40-130%
	13C4-PFHpA	62%		40-130%
	13C8-PFOA	66%		40-130%
	13C9-PFNA	68%		40-130%
	13C6-PFDA	65%		40-130%
	13C7-PFUnDA	68%		40-130%
	13C2-PFDoDA	63%		40-130%
	13C2-PFTeDA	72%		20-130%
	13C3-PFBS	62%		40-135%
	13C3-PFHxS	63%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB022 7-9'		
Lab Sample ID:	JE14894-6A	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	72.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	65%		40-130%
	13C8-FOSA	66%		40-130%
	d3-MeFOSA	36%		10-130%
	d5-EtFOSA	33%		10-130%
	d3-MeFOSAA	57%		40-135%
	d5-EtFOSAA	62%		40-150%
	d7-MeFOSE	44%		20-130%
	d9-EtFOSE	42%		15-130%
	13C2-4:2FTS	69%		40-165%
	13C2-6:2FTS	94%		40-215%
	13C2-8:2FTS	88%		40-275%
	13C3-HFPO-DA	72%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB022 13-15'		
Lab Sample ID:	JE14894-7	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	77.8
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C209065.D	1	07/14/25 21:25	JN	n/a	n/a	V1C8993
Run #2							

	Initial Weight
Run #1	4.4 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	208	15	6.0	ug/kg	
71-43-2	Benzene	ND	0.73	0.66	ug/kg	
74-97-5	Bromochloromethane	ND	7.3	0.82	ug/kg	
75-27-4	Bromodichloromethane	ND	2.9	0.63	ug/kg	
75-25-2	Bromoform	ND	7.3	2.0	ug/kg	
74-83-9	Bromomethane	ND	7.3	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	68.6	15	3.5	ug/kg	
75-15-0	Carbon disulfide	1.7	2.9	0.78	ug/kg	J
56-23-5	Carbon tetrachloride	ND	2.9	0.90	ug/kg	
108-90-7	Chlorobenzene	ND	2.9	0.67	ug/kg	
75-00-3	Chloroethane	ND	7.3	0.86	ug/kg	
67-66-3	Chloroform	ND	2.9	1.5	ug/kg	
74-87-3	Chloromethane [a]	ND	7.3	2.9	ug/kg	
110-82-7	Cyclohexane	1.1	2.9	0.96	ug/kg	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.9	1.0	ug/kg	
124-48-1	Dibromochloromethane	ND	2.9	0.82	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.5	0.61	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.5	0.80	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.5	0.72	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.5	0.72	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.3	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.5	0.72	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.5	0.69	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.5	0.96	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	1.2	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.89	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.9	0.69	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.9	0.69	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.9	0.67	ug/kg	
100-41-4	Ethylbenzene	ND	1.5	0.66	ug/kg	
76-13-1	Freon 113	ND	7.3	3.9	ug/kg	
591-78-6	2-Hexanone	ND	7.3	3.1	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB022 13-15'		
Lab Sample ID:	JE14894-7	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	77.8
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.9	2.1	ug/kg	
79-20-9	Methyl Acetate	ND	7.3	2.0	ug/kg	
108-87-2	Methylcyclohexane	ND	2.9	1.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.5	0.69	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.3	3.3	ug/kg	
75-09-2	Methylene chloride	ND	7.3	3.8	ug/kg	
100-42-5	Styrene	ND	2.9	0.59	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.9	0.87	ug/kg	
127-18-4	Tetrachloroethene	ND	2.9	0.85	ug/kg	
108-88-3	Toluene	ND	1.5	0.77	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.3	3.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.3	3.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.9	0.71	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.9	0.81	ug/kg	
79-01-6	Trichloroethene	ND	1.5	1.1	ug/kg	
75-69-4	Trichlorofluoromethane [a]	ND	7.3	1.0	ug/kg	
75-01-4	Vinyl chloride [a]	ND	2.9	0.70	ug/kg	
	m,p-Xylene	ND	1.5	1.3	ug/kg	
95-47-6	o-Xylene	ND	1.5	0.67	ug/kg	
1330-20-7	Xylene (total)	ND	1.5	0.67	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-124%
17060-07-0	1,2-Dichloroethane-D4	80%		75-133%
2037-26-5	Toluene-D8	98%		79-125%
460-00-4	4-Bromofluorobenzene	99%		58-148%

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB022 13-15'		
Lab Sample ID:	JE14894-7	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	77.8
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12812.D	1	07/14/25 18:42	AO	07/11/25 21:35	OP65288	ECT573
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	84	21	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	26	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	36	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	75	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	210	160	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	210	45	ug/kg	
95-48-7	2-Methylphenol	ND	84	27	ug/kg	
	3&4-Methylphenol	60.6	84	35	ug/kg	J
88-75-5	2-Nitrophenol	ND	210	28	ug/kg	
100-02-7	4-Nitrophenol	ND	420	110	ug/kg	
87-86-5	Pentachlorophenol	ND	170	39	ug/kg	
108-95-2	Phenol	ND	84	22	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	28	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	31	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	25	ug/kg	
83-32-9	Acenaphthene	241	42	14	ug/kg	
208-96-8	Acenaphthylene	27.9	42	21	ug/kg	J
98-86-2	Acetophenone	ND	210	9.0	ug/kg	
120-12-7	Anthracene	70.7	42	26	ug/kg	
1912-24-9	Atrazine	ND	84	18	ug/kg	
56-55-3	Benzo(a)anthracene	171	42	12	ug/kg	
50-32-8	Benzo(a)pyrene	160	42	19	ug/kg	
205-99-2	Benzo(b)fluoranthene	168	42	19	ug/kg	
191-24-2	Benzo(g,h,i)perylene	106	42	21	ug/kg	
207-08-9	Benzo(k)fluoranthene	56.3	42	20	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	84	16	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	84	10	ug/kg	
92-52-4	1,1'-Biphenyl	6.9	84	5.8	ug/kg	J
100-52-7	Benzaldehyde	ND	210	10	ug/kg	
91-58-7	2-Chloronaphthalene	ND	84	10	ug/kg	
106-47-8	4-Chloroaniline	ND	210	15	ug/kg	
86-74-8	Carbazole	16.9	84	6.1	ug/kg	J

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB022 13-15'		
Lab Sample ID:	JE14894-7	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	77.8
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	84	17	ug/kg	
218-01-9	Chrysene	159	42	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	84	9.0	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	84	18	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	84	15	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	84	14	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	42	13	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	42	21	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	84	35	ug/kg	
123-91-1	1,4-Dioxane	ND	42	28	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	23.9	42	19	ug/kg	J
132-64-9	Dibenzofuran	17.1	84	17	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	84	6.8	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	84	10	ug/kg	
84-66-2	Diethyl phthalate	ND	84	8.9	ug/kg	
131-11-3	Dimethyl phthalate	ND	84	7.5	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	84	9.8	ug/kg	
206-44-0	Fluoranthene	417	42	19	ug/kg	
86-73-7	Fluorene	64.6	42	19	ug/kg	
118-74-1	Hexachlorobenzene	ND	84	11	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	42	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene [b]	ND	420	17	ug/kg	
67-72-1	Hexachloroethane	ND	210	21	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	79.8	42	20	ug/kg	
78-59-1	Isophorone	ND	84	9.0	ug/kg	
91-57-6	2-Methylnaphthalene	14.6	42	9.5	ug/kg	J
88-74-4	2-Nitroaniline	ND	210	9.9	ug/kg	
99-09-2	3-Nitroaniline	ND	210	11	ug/kg	
100-01-6	4-Nitroaniline	ND	210	11	ug/kg	
91-20-3	Naphthalene	48.5	42	12	ug/kg	
98-95-3	Nitrobenzene	ND	84	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	84	12	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	15	ug/kg	
85-01-8	Phenanthrene	276	42	14	ug/kg	
129-00-0	Pyrene	344	42	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	38%		10-99%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB022 13-15'		
Lab Sample ID:	JE14894-7	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	77.8
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	38%		10-96%
118-79-6	2,4,6-Tribromophenol	67%		10-123%
4165-60-0	Nitrobenzene-d5	35%		10-109%
321-60-8	2-Fluorobiphenyl	56%		11-109%
1718-51-0	Terphenyl-d14	55%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB022 13-15'
Lab Sample ID: JE14894-7
Matrix: SO - Soil
Method: SW846 8081B SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/09/25
Date Received: 07/09/25
Percent Solids: 77.8

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G211511.D	1	07/24/25 14:07	AS	07/14/25 11:20	OP65291	G1G7646
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.85	0.70	ug/kg	
319-84-6	alpha-BHC	ND	0.85	0.69	ug/kg	
319-85-7	beta-BHC	ND	0.85	0.76	ug/kg	
319-86-8	delta-BHC	ND	0.85	0.81	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.85	0.62	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.85	0.68	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.85	0.38	ug/kg	
60-57-1	Dieldrin	ND	0.85	0.58	ug/kg	
72-54-8	4,4'-DDD	ND	0.85	0.78	ug/kg	
72-55-9	4,4'-DDE	ND	0.85	0.74	ug/kg	
50-29-3	4,4'-DDT	ND	0.85	0.75	ug/kg	
72-20-8	Endrin	ND	0.85	0.66	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.85	0.66	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.85	0.48	ug/kg	
959-98-8	Endosulfan-I	ND	0.85	0.49	ug/kg	
33213-65-9	Endosulfan-II	ND	0.85	0.53	ug/kg	
76-44-8	Heptachlor	ND	0.85	0.73	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.85	0.59	ug/kg	
72-43-5	Methoxychlor	ND	1.7	0.67	ug/kg	
53494-70-5	Endrin ketone	ND	0.85	0.61	ug/kg	
8001-35-2	Toxaphene	ND	21	20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	93%		13-162%
877-09-8	Tetrachloro-m-xylene	98%		13-162%
2051-24-3	Decachlorobiphenyl	77%		10-180%
2051-24-3	Decachlorobiphenyl	87%		10-180%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB022 13-15'		
Lab Sample ID:	JE14894-7	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	77.8
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G150018.D	1	07/16/25 08:32	CP	07/14/25 11:20	OP65292	G3G5504
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	42	20	ug/kg	
11104-28-2	Aroclor 1221	ND	42	26	ug/kg	
11141-16-5	Aroclor 1232	ND	42	27	ug/kg	
53469-21-9	Aroclor 1242	ND	42	17	ug/kg	
12672-29-6	Aroclor 1248	ND	42	38	ug/kg	
11097-69-1	Aroclor 1254	ND	42	23	ug/kg	
11096-82-5	Aroclor 1260	ND	42	18	ug/kg	
11100-14-4	Aroclor 1268	ND	42	37	ug/kg	
37324-23-5	Aroclor 1262	ND	42	28	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	71%		10-174%
877-09-8	Tetrachloro-m-xylene	84%		10-174%
2051-24-3	Decachlorobiphenyl	76%		10-195%
2051-24-3	Decachlorobiphenyl	83%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB022 13-15'
Lab Sample ID: JE14894-7
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/09/25
Date Received: 07/09/25
Percent Solids: 77.8

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	3620	67	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Antimony	< 2.7	2.7	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	< 2.7	2.7	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Barium	60.4	27	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	< 0.27	0.27	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	< 0.67	0.67	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Calcium	38400	1300	mg/kg	2	07/15/25	07/16/25	LM	SW846 6010D [3]	SW846 3050B [4]
Chromium	7.9	1.3	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	< 6.7	6.7	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Copper	12.9	3.4	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Iron	11400	67	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Lead	225	2.7	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	7590	670	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Manganese	397	2.0	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Mercury	0.17	0.033	mg/kg	1	07/11/25	07/11/25	CM	SW846 7471B [1]	SW846 7471B [5]
Nickel	8.5	5.4	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 1300	1300	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Selenium	< 2.7	2.7	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Silver	< 0.67	0.67	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 1300	1300	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Thallium	< 1.3	1.3	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	10.3	6.7	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Zinc	57.9	6.7	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA58930
(2) Instrument QC Batch: MA58958
(3) Instrument QC Batch: MA58964
(4) Prep QC Batch: MP55765
(5) Prep QC Batch: MP55780

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB022 13-15'		
Lab Sample ID:	JE14894-7	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
		Percent Solids:	77.8
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.51	0.51	mg/kg	1	07/15/25 17:02	RI	SW846 3060A/7196A
Cyanide	< 0.31	0.31	mg/kg	1	07/14/25 18:13	JD	SW846 9012B/LACHAT
Solids, Percent	77.8		%	1	07/10/25 17:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB022 13-15'
Lab Sample ID: JE14894-7A
Matrix: SO - Soil
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/09/25
Date Received: 07/09/25
Percent Solids: 77.8

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5Q1482.D	1	07/15/25 04:27	AM	07/11/25 17:00	OP65289	T5Q134
Run #2							

	Initial Weight	Final Volume
Run #1	5.09 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	1.0	0.14	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.51	0.088	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.25	0.038	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.25	0.063	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.25	0.10	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.25	0.063	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.25	0.088	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.25	0.076	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.25	0.10	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.25	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.25	0.13	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.25	0.088	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.25	0.13	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.25	0.14	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.25	0.13	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	0.096	0.25	0.063	ug/kg	J
68259-12-1	Perfluorononanesulfonic acid	ND	0.25	0.18	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.25	0.14	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.25	0.063	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	1.0	0.35	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	1.0	0.13	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	1.0	0.24	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.25	0.088	ug/kg	
31506-32-8	MeFOSA	ND	0.25	0.076	ug/kg	
4151-50-2	EtFOSA	ND	0.25	0.063	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB022 13-15'		
Lab Sample ID:	JE14894-7A	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	77.8
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.25	0.10	ug/kg	
2991-50-6	EtFOSAA	ND	0.25	0.16	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.5	0.35	ug/kg	
1691-99-2	EtFOSE	ND	2.5	0.92	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	1.0	0.23	ug/kg	
919005-14-4	ADONA	ND	1.0	0.15	ug/kg	
377-73-1	PFMPA	ND	0.51	0.038	ug/kg	
863090-89-5	PFMBA	ND	0.51	0.076	ug/kg	
151772-58-6	NFDHA	ND	0.51	0.16	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	1.0	0.33	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	1.0	0.23	ug/kg	
113507-82-7	PFEESA	ND	0.51	0.038	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.3	0.30	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.3	0.78	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.3	0.80	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	58%		8-130%
	13C5-PFPeA	61%		35-130%
	13C5-PFHxA	58%		40-130%
	13C4-PFHpA	55%		40-130%
	13C8-PFOA	56%		40-130%
	13C9-PFNA	60%		40-130%
	13C6-PFDA	53%		40-130%
	13C7-PFUnDA	60%		40-130%
	13C2-PFDoDA	53%		40-130%
	13C2-PFTeDA	61%		20-130%
	13C3-PFBS	58%		40-135%
	13C3-PFHxS	60%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB022 13-15'		
Lab Sample ID:	JE14894-7A	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	77.8
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	51%		40-130%
	13C8-FOSA	55%		40-130%
	d3-MeFOSA	24%		10-130%
	d5-EtFOSA	21%		10-130%
	d3-MeFOSAA	48%		40-135%
	d5-EtFOSAA	50%		40-150%
	d7-MeFOSE	30%		20-130%
	d9-EtFOSE	28%		15-130%
	13C2-4:2FTS	64%		40-165%
	13C2-6:2FTS	85%		40-215%
	13C2-8:2FTS	84%		40-275%
	13C3-HFPO-DA	65%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB023 4-6'
Lab Sample ID: JE14894-9
Matrix: SO - Soil
Method: SW846 8260D
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/09/25
Date Received: 07/09/25
Percent Solids: 90.1

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GB24019.D	1	07/16/25 05:25	JN	n/a	n/a	VGB662
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.6 g	10.0 ml	100 ul
Run #2			

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	1300	520	ug/kg	
71-43-2	Benzene	63.0	63	57	ug/kg	
74-97-5	Bromochloromethane	ND	630	71	ug/kg	
75-27-4	Bromodichloromethane	ND	250	54	ug/kg	
75-25-2	Bromoform	ND	630	170	ug/kg	
74-83-9	Bromomethane	273	630	96	ug/kg	J
78-93-3	2-Butanone (MEK)	ND	1300	310	ug/kg	
75-15-0	Carbon disulfide	ND	250	67	ug/kg	
56-23-5	Carbon tetrachloride	ND	250	78	ug/kg	
108-90-7	Chlorobenzene	ND	250	58	ug/kg	
75-00-3	Chloroethane	ND	630	75	ug/kg	
67-66-3	Chloroform	ND	250	130	ug/kg	
74-87-3	Chloromethane [a]	ND	630	250	ug/kg	
110-82-7	Cyclohexane	ND	250	83	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	88	ug/kg	
124-48-1	Dibromochloromethane	ND	250	71	ug/kg	
106-93-4	1,2-Dibromoethane	ND	130	53	ug/kg	
95-50-1	1,2-Dichlorobenzene	108	130	69	ug/kg	J
541-73-1	1,3-Dichlorobenzene	ND	130	63	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	130	62	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	630	92	ug/kg	
75-34-3	1,1-Dichloroethane	ND	130	62	ug/kg	
107-06-2	1,2-Dichloroethane	ND	130	59	ug/kg	
75-35-4	1,1-Dichloroethene	ND	130	83	ug/kg	
156-59-2	cis-1,2-Dichloroethene	1330	130	110	ug/kg	
156-60-5	trans-1,2-Dichloroethene	137	130	77	ug/kg	
78-87-5	1,2-Dichloropropane [a]	ND	250	60	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	250	60	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	250	58	ug/kg	
100-41-4	Ethylbenzene	ND	130	57	ug/kg	
76-13-1	Freon 113	ND	630	340	ug/kg	
591-78-6	2-Hexanone [a]	ND	630	270	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB023 4-6'		
Lab Sample ID:	JE14894-9	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	90.1
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	250	180	ug/kg	
79-20-9	Methyl Acetate	ND	630	180	ug/kg	
108-87-2	Methylcyclohexane	161	250	110	ug/kg	J
1634-04-4	Methyl Tert Butyl Ether	ND	130	59	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND	630	290	ug/kg	
75-09-2	Methylene chloride	695	630	330	ug/kg	
100-42-5	Styrene	ND	250	51	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	250	76	ug/kg	
127-18-4	Tetrachloroethene	18900	250	73	ug/kg	
108-88-3	Toluene	153	130	66	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	630	320	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	630	320	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	250	61	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	250	70	ug/kg	
79-01-6	Trichloroethene	14800	130	96	ug/kg	
75-69-4	Trichlorofluoromethane	ND	630	86	ug/kg	
75-01-4	Vinyl chloride [a]	ND	250	61	ug/kg	
	m,p-Xylene	147	130	110	ug/kg	
95-47-6	o-Xylene	ND	130	58	ug/kg	
1330-20-7	Xylene (total)	147	130	58	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		80-124%
17060-07-0	1,2-Dichloroethane-D4	109%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB023 4-6'		
Lab Sample ID:	JE14894-9	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	90.1
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12814.D	1	07/14/25 19:22	AO	07/11/25 21:35	OP65288	ECT573
Run #2							

	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	72	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	31	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	64	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	180	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	180	39	ug/kg	
95-48-7	2-Methylphenol	ND	72	23	ug/kg	
	3&4-Methylphenol	ND	72	30	ug/kg	
88-75-5	2-Nitrophenol	ND	180	24	ug/kg	
100-02-7	4-Nitrophenol	ND	360	96	ug/kg	
87-86-5	Pentachlorophenol	ND	140	34	ug/kg	
108-95-2	Phenol	ND	72	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	24	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	27	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	21	ug/kg	
83-32-9	Acenaphthene	52.0	36	12	ug/kg	
208-96-8	Acenaphthylene	1020	36	18	ug/kg	
98-86-2	Acetophenone	ND	180	7.7	ug/kg	
120-12-7	Anthracene	794	36	22	ug/kg	
1912-24-9	Atrazine	ND	72	15	ug/kg	
56-55-3	Benzo(a)anthracene	1760	36	10	ug/kg	
50-32-8	Benzo(a)pyrene	1700	36	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	1660	36	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	1270	36	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	535	36	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	72	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	72	8.8	ug/kg	
92-52-4	1,1'-Biphenyl	32.4	72	4.9	ug/kg	J
100-52-7	Benzaldehyde	ND	180	8.9	ug/kg	
91-58-7	2-Chloronaphthalene	ND	72	8.6	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	42.8	72	5.2	ug/kg	J

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB023 4-6'		
Lab Sample ID:	JE14894-9	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	90.1
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	72	14	ug/kg	
218-01-9	Chrysene	1660	36	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	72	7.7	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	72	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	72	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	72	12	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	36	11	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	36	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	72	30	ug/kg	
123-91-1	1,4-Dioxane	ND	36	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	317	36	16	ug/kg	
132-64-9	Dibenzofuran	40.4	72	15	ug/kg	J
84-74-2	Di-n-butyl phthalate	18.5	72	5.9	ug/kg	J
117-84-0	Di-n-octyl phthalate	ND	72	9.0	ug/kg	
84-66-2	Diethyl phthalate	ND	72	7.7	ug/kg	
131-11-3	Dimethyl phthalate	ND	72	6.4	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	72	8.4	ug/kg	
206-44-0	Fluoranthene	2590	36	16	ug/kg	
86-73-7	Fluorene	136	36	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	72	9.1	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	36	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene [b]	ND	360	14	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	822	36	17	ug/kg	
78-59-1	Isophorone	ND	72	7.7	ug/kg	
91-57-6	2-Methylnaphthalene	190	36	8.1	ug/kg	
88-74-4	2-Nitroaniline	ND	180	8.5	ug/kg	
99-09-2	3-Nitroaniline	ND	180	9.0	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.3	ug/kg	
91-20-3	Naphthalene	190	36	10	ug/kg	
98-95-3	Nitrobenzene	ND	72	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	72	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	943	36	12	ug/kg	
129-00-0	Pyrene	3480	36	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	41%		10-99%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB023 4-6'		
Lab Sample ID:	JE14894-9	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	90.1
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	40%		10-96%
118-79-6	2,4,6-Tribromophenol	62%		10-123%
4165-60-0	Nitrobenzene-d5	42%		10-109%
321-60-8	2-Fluorobiphenyl	57%		11-109%
1718-51-0	Terphenyl-d14	51%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB023 4-6'
Lab Sample ID: JE14894-9
Matrix: SO - Soil
Method: SW846 8081B SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/09/25
Date Received: 07/09/25
Percent Solids: 90.1

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G211512.D	1	07/24/25 14:23	AS	07/14/25 11:20	OP65291	G1G7646
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.74	0.61	ug/kg	
319-84-6	alpha-BHC	ND	0.74	0.60	ug/kg	
319-85-7	beta-BHC	ND	0.74	0.67	ug/kg	
319-86-8	delta-BHC	ND	0.74	0.71	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.74	0.55	ug/kg	
5103-71-9	alpha-Chlordane	16.7	0.74	0.60	ug/kg	
5103-74-2	gamma-Chlordane [a]	6.7	0.74	0.34	ug/kg	
60-57-1	Dieldrin	ND	0.74	0.51	ug/kg	
72-54-8	4,4'-DDD [b]	14.0	0.74	0.68	ug/kg	
72-55-9	4,4'-DDE	ND	0.74	0.65	ug/kg	
50-29-3	4,4'-DDT	ND	0.74	0.66	ug/kg	
72-20-8	Endrin [a]	8.1	0.74	0.57	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.74	0.58	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.74	0.42	ug/kg	
959-98-8	Endosulfan-I	ND	0.74	0.43	ug/kg	
33213-65-9	Endosulfan-II	ND	0.74	0.46	ug/kg	
76-44-8	Heptachlor	ND	0.74	0.64	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.74	0.52	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.59	ug/kg	
53494-70-5	Endrin ketone	ND	0.74	0.53	ug/kg	
8001-35-2	Toxaphene	ND	18	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	91%		13-162%
877-09-8	Tetrachloro-m-xylene	128%		13-162%
2051-24-3	Decachlorobiphenyl	119%		10-180%
2051-24-3	Decachlorobiphenyl	131%		10-180%

(a) More than 40 % RPD for detected concentrations between the two GC columns.
(b) Reported from the 2nd signal. The %D of the CCV on the 1st signal exceeds the method criteria of 20%, so it being used for confirmation only. More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB023 4-6'		
Lab Sample ID:	JE14894-9	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	90.1
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G150019.D	1	07/16/25 08:49	CP	07/14/25 11:20	OP65292	G3G5504
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	37	17	ug/kg	
11104-28-2	Aroclor 1221	ND	37	23	ug/kg	
11141-16-5	Aroclor 1232	ND	37	24	ug/kg	
53469-21-9	Aroclor 1242	ND	37	15	ug/kg	
12672-29-6	Aroclor 1248	ND	37	33	ug/kg	
11097-69-1	Aroclor 1254	ND	37	20	ug/kg	
11096-82-5	Aroclor 1260	111	37	16	ug/kg	
11100-14-4	Aroclor 1268	ND	37	32	ug/kg	
37324-23-5	Aroclor 1262	ND	37	24	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	62%		10-174%
877-09-8	Tetrachloro-m-xylene	74%		10-174%
2051-24-3	Decachlorobiphenyl	73%		10-195%
2051-24-3	Decachlorobiphenyl	84%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB023 4-6'
Lab Sample ID: JE14894-9
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/09/25
Date Received: 07/09/25
Percent Solids: 90.1

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	3350	53	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Antimony [a]	< 11	11	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	18.4	2.1	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Barium	105	21	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	0.28	0.21	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	3.4	2.7	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Calcium	2540	530	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Chromium	207	1.1	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	6.6	5.3	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Copper	6900	27	mg/kg	10	07/15/25	07/16/25	LM	SW846 6010D [3]	SW846 3050B [4]
Iron [a]	47800	270	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Lead [a]	944	11	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	1350	530	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Manganese	340	1.6	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Mercury	1.2	0.064	mg/kg	2	07/11/25	07/11/25	CM	SW846 7471B [1]	SW846 7471B [5]
Nickel	43.1	4.3	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 1100	1100	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Selenium [a]	27.6	11	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Silver [a]	2.8	2.7	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 1100	1100	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Thallium [a]	< 5.3	5.3	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	14.6	5.3	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Zinc [a]	1100	27	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA58930
(2) Instrument QC Batch: MA58958
(3) Instrument QC Batch: MA58964
(4) Prep QC Batch: MP55765
(5) Prep QC Batch: MP55780

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB023 4-6'		
Lab Sample ID:	JE14894-9	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
		Percent Solids:	90.1
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.44	0.44	mg/kg	1	07/15/25 17:02	RI	SW846 3060A/7196A
Cyanide	0.35	0.32	mg/kg	1	07/14/25 18:15	JD	SW846 9012B/LACHAT
Solids, Percent	90.1		%	1	07/10/25 17:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB023 4-6'		
Lab Sample ID:	JE14894-9A	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	90.1
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5Q1484.D	1	07/15/25 04:59	AM	07/11/25 17:00	OP65289	T5Q134
Run #2							

	Initial Weight	Final Volume
Run #1	5.09 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.87	0.12	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.44	0.076	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.033	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.055	ug/kg	
335-67-1	Perfluorooctanoic acid	0.40	0.22	0.087	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.055	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.076	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.065	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.087	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.098	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	1.2	0.22	0.076	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	0.30	0.22	0.11	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	0.34	0.22	0.12	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	0.26	0.22	0.11	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	16.1	0.22	0.055	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.15	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.12	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.055	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.87	0.31	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.87	0.11	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.87	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	0.20	0.22	0.076	ug/kg	J
31506-32-8	MeFOSA	ND	0.22	0.065	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.055	ug/kg	

ND = Not detected MDL = Method Detection Limit
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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB023 4-6'		
Lab Sample ID:	JE14894-9A	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	90.1
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.22	0.087	ug/kg	
2991-50-6	EtFOSAA	0.27	0.22	0.14	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.2	0.31	ug/kg	
1691-99-2	EtFOSE	ND	2.2	0.80	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.87	0.20	ug/kg	
919005-14-4	ADONA	ND	0.87	0.13	ug/kg	
377-73-1	PFMPA	ND	0.44	0.033	ug/kg	
863090-89-5	PFMBA	ND	0.44	0.065	ug/kg	
151772-58-6	NFDHA	ND	0.44	0.14	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.87	0.28	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.87	0.20	ug/kg	
113507-82-7	PFEESA	ND	0.44	0.033	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.26	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.5	0.68	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.5	0.69	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	61%		8-130%
	13C5-PFPeA	61%		35-130%
	13C5-PFHxA	58%		40-130%
	13C4-PFHpA	57%		40-130%
	13C8-PFOA	59%		40-130%
	13C9-PFNA	54%		40-130%
	13C6-PFDA	56%		40-130%
	13C7-PFUnDA	59%		40-130%
	13C2-PFDoDA	55%		40-130%
	13C2-PFTeDA	63%		20-130%
	13C3-PFBS	61%		40-135%
	13C3-PFHxS	60%		40-130%

ND = Not detected MDL = Method Detection Limit
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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB023 4-6'		
Lab Sample ID:	JE14894-9A	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	90.1
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	63%		40-130%
	13C8-FOSA	65%		40-130%
	d3-MeFOSA	38%		10-130%
	d5-EtFOSA	29%		10-130%
	d3-MeFOSAA	59%		40-135%
	d5-EtFOSAA	66%		40-150%
	d7-MeFOSE	32%		20-130%
	d9-EtFOSE	29%		15-130%
	13C2-4:2FTS	104%		40-165%
	13C2-6:2FTS	136%		40-215%
	13C2-8:2FTS	153%		40-275%
	13C3-HFPO-DA	64%		40-130%

ND = Not detected MDL = Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB023 13-15'		
Lab Sample ID:	JE14894-10	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	87.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C195016.D	1	07/15/25 14:11	JN	n/a	n/a	V3C8461
Run #2							

	Initial Weight
Run #1	6.2 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	55.6	9.2	3.8	ug/kg	
71-43-2	Benzene	1.1	0.46	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	4.6	0.52	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.40	ug/kg	
75-25-2	Bromoform	ND	4.6	1.3	ug/kg	
74-83-9	Bromomethane [a]	ND	4.6	0.70	ug/kg	
78-93-3	2-Butanone (MEK)	12.6	9.2	2.2	ug/kg	
75-15-0	Carbon disulfide	ND	1.8	0.49	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.8	0.57	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.42	ug/kg	
75-00-3	Chloroethane [a]	ND	4.6	0.55	ug/kg	
67-66-3	Chloroform	ND	1.8	0.92	ug/kg	
74-87-3	Chloromethane	ND	4.6	1.8	ug/kg	
110-82-7	Cyclohexane	ND	1.8	0.61	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.8	0.64	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.52	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.92	0.39	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.92	0.50	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.92	0.46	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.92	0.46	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.6	0.67	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.92	0.46	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.92	0.43	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.92	0.60	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.92	0.78	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.92	0.56	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.44	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.44	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.42	ug/kg	
100-41-4	Ethylbenzene	ND	0.92	0.42	ug/kg	
76-13-1	Freon 113	ND	4.6	2.5	ug/kg	
591-78-6	2-Hexanone	ND	4.6	2.0	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB023 13-15'		
Lab Sample ID:	JE14894-10	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	87.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.8	1.3	ug/kg	
79-20-9	Methyl Acetate	ND	4.6	1.3	ug/kg	
108-87-2	Methylcyclohexane	ND	1.8	0.81	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.92	0.43	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.6	2.1	ug/kg	
75-09-2	Methylene chloride	ND	4.6	2.4	ug/kg	
100-42-5	Styrene	ND	1.8	0.37	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.55	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	0.54	ug/kg	
108-88-3	Toluene	ND	0.92	0.48	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.6	2.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.6	2.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.45	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.51	ug/kg	
79-01-6	Trichloroethene	ND	0.92	0.70	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.6	0.63	ug/kg	
75-01-4	Vinyl chloride	ND	1.8	0.44	ug/kg	
	m,p-Xylene	ND	0.92	0.83	ug/kg	
95-47-6	o-Xylene	0.51	0.92	0.42	ug/kg	J
1330-20-7	Xylene (total)	0.51	0.92	0.42	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-124%
17060-07-0	1,2-Dichloroethane-D4	97%		75-133%
2037-26-5	Toluene-D8	100%		79-125%
460-00-4	4-Bromofluorobenzene	95%		58-148%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB023 13-15'
Lab Sample ID: JE14894-10
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/09/25
Date Received: 07/09/25
Percent Solids: 87.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12815.D	1	07/14/25 19:42	AO	07/11/25 21:35	OP65288	ECT573
Run #2	5P103569.D	5	07/16/25 22:12	RS	07/11/25 21:35	OP65288	E5P4946

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2	30.4 g	1.0 ml

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	75	19	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	23	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	32	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	67	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	190	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	190	40	ug/kg	
95-48-7	2-Methylphenol	ND	75	24	ug/kg	
	3&4-Methylphenol	ND	75	31	ug/kg	
88-75-5	2-Nitrophenol	ND	190	25	ug/kg	
100-02-7	4-Nitrophenol	ND	380	100	ug/kg	
87-86-5	Pentachlorophenol	ND	150	35	ug/kg	
108-95-2	Phenol	ND	75	20	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	25	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	28	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	22	ug/kg	
83-32-9	Acenaphthene	276	38	13	ug/kg	
208-96-8	Acenaphthylene	780	38	19	ug/kg	
98-86-2	Acetophenone	ND	190	8.1	ug/kg	
120-12-7	Anthracene	854	38	23	ug/kg	
1912-24-9	Atrazine	ND	75	16	ug/kg	
56-55-3	Benzo(a)anthracene	1560	38	11	ug/kg	
50-32-8	Benzo(a)pyrene	1540	38	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	1250	38	17	ug/kg	
191-24-2	Benzo(g,h,i)perylene	815	38	19	ug/kg	
207-08-9	Benzo(k)fluoranthene	417	38	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	75	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	75	9.2	ug/kg	
92-52-4	1,1'-Biphenyl	80.0	75	5.2	ug/kg	
100-52-7	Benzaldehyde	ND	190	9.3	ug/kg	
91-58-7	2-Chloronaphthalene	ND	75	9.0	ug/kg	
106-47-8	4-Chloroaniline	ND	190	14	ug/kg	
86-74-8	Carbazole	27.6	75	5.5	ug/kg	J

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB023 13-15'		
Lab Sample ID:	JE14894-10	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	87.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	75	15	ug/kg	
218-01-9	Chrysene	1340	38	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	75	8.1	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	75	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	75	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	75	12	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	38	12	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	38	19	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	75	31	ug/kg	
123-91-1	1,4-Dioxane	ND	38	25	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	184	38	17	ug/kg	
132-64-9	Dibenzofuran	39.4	75	15	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	75	6.1	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	75	9.4	ug/kg	
84-66-2	Diethyl phthalate	ND	75	8.0	ug/kg	
131-11-3	Dimethyl phthalate	ND	75	6.7	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	75	8.8	ug/kg	
206-44-0	Fluoranthene	2810	38	17	ug/kg	
86-73-7	Fluorene	400	38	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	75	9.5	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	38	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene [b]	ND	380	15	ug/kg	
67-72-1	Hexachloroethane	ND	190	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	504	38	18	ug/kg	
78-59-1	Isophorone	ND	75	8.1	ug/kg	
91-57-6	2-Methylnaphthalene	388	38	8.5	ug/kg	
88-74-4	2-Nitroaniline	ND	190	8.9	ug/kg	
99-09-2	3-Nitroaniline	ND	190	9.4	ug/kg	
100-01-6	4-Nitroaniline	ND	190	9.7	ug/kg	
91-20-3	Naphthalene	711	38	11	ug/kg	
98-95-3	Nitrobenzene	ND	75	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	75	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	14	ug/kg	
85-01-8	Phenanthrene	2170	38	13	ug/kg	
129-00-0	Pyrene	4320 [c]	190	60	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	9.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	55%	54%	10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB023 13-15'		
Lab Sample ID:	JE14894-10	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	87.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	51%	55%	10-96%
118-79-6	2,4,6-Tribromophenol	85%	77%	10-123%
4165-60-0	Nitrobenzene-d5	53%	64%	10-109%
321-60-8	2-Fluorobiphenyl	76%	72%	11-109%
1718-51-0	Terphenyl-d14	65%	70%	10-120%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
(c) Result is from Run# 2

Report of Analysis

Client Sample ID:	SB023 13-15'		
Lab Sample ID:	JE14894-10	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8081B SW846 3546	**Percent Solids:**	87.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G211513.D	1	07/24/25 14:38	AS	07/14/25 11:20	OP65291	G1G7646
Run #2							

	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.72	0.60	ug/kg	
319-84-6	alpha-BHC	ND	0.72	0.59	ug/kg	
319-85-7	beta-BHC	ND	0.72	0.65	ug/kg	
319-86-8	delta-BHC	ND	0.72	0.70	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.72	0.53	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.72	0.58	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.72	0.33	ug/kg	
60-57-1	Dieldrin	ND	0.72	0.50	ug/kg	
72-54-8	4,4'-DDD	ND	0.72	0.66	ug/kg	
72-55-9	4,4'-DDE	ND	0.72	0.64	ug/kg	
50-29-3	4,4'-DDT	ND	0.72	0.64	ug/kg	
72-20-8	Endrin	ND	0.72	0.56	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.72	0.57	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.72	0.41	ug/kg	
959-98-8	Endosulfan-I	ND	0.72	0.42	ug/kg	
33213-65-9	Endosulfan-II	ND	0.72	0.45	ug/kg	
76-44-8	Heptachlor	ND	0.72	0.62	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.72	0.51	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.58	ug/kg	
53494-70-5	Endrin ketone	ND	0.72	0.52	ug/kg	
8001-35-2	Toxaphene	ND	18	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	102%		13-162%
877-09-8	Tetrachloro-m-xylene	38%		13-162%
2051-24-3	Decachlorobiphenyl	70%		10-180%
2051-24-3	Decachlorobiphenyl	90%		10-180%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB023 13-15'		
Lab Sample ID:	JE14894-10	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	87.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G150020.D	1	07/16/25 09:05	CP	07/14/25 11:20	OP65292	G3G5504
Run #2							

	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	17	ug/kg	
11104-28-2	Aroclor 1221	ND	36	22	ug/kg	
11141-16-5	Aroclor 1232	ND	36	23	ug/kg	
53469-21-9	Aroclor 1242	ND	36	15	ug/kg	
12672-29-6	Aroclor 1248	ND	36	32	ug/kg	
11097-69-1	Aroclor 1254	ND	36	19	ug/kg	
11096-82-5	Aroclor 1260	ND	36	15	ug/kg	
11100-14-4	Aroclor 1268	ND	36	32	ug/kg	
37324-23-5	Aroclor 1262	ND	36	24	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	65%		10-174%
877-09-8	Tetrachloro-m-xylene	71%		10-174%
2051-24-3	Decachlorobiphenyl	70%		10-195%
2051-24-3	Decachlorobiphenyl	78%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB023 13-15'		
Lab Sample ID:	JE14894-10	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
		Percent Solids:	87.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	6490	55	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Antimony	< 2.2	2.2	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Arsenic	3.2	2.2	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Barium	57.6	22	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Beryllium	0.26	0.22	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Cadmium	< 0.55	0.55	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Calcium	5890	550	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Chromium	22.1	1.1	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Cobalt	6.1	5.5	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Copper	25.8	2.8	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Iron	12400	55	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Lead	31.1	2.2	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Magnesium	2920	550	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Manganese	294	1.7	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Mercury	0.16	0.033	mg/kg	1	07/11/25	07/11/25	CM	SW846 7471B [1]	SW846 7471B [4]
Nickel	16.2	4.4	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Potassium	< 1100	1100	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Selenium	< 2.2	2.2	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Silver	< 0.55	0.55	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Sodium	< 1100	1100	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Thallium	< 1.1	1.1	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Vanadium	19.4	5.5	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]
Zinc	35.3	5.5	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA58930
(2) Instrument QC Batch: MA58958
(3) Prep QC Batch: MP55765
(4) Prep QC Batch: MP55780

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB023 13-15'		
Lab Sample ID:	JE14894-10	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
		Percent Solids:	87.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.47	0.47	mg/kg	1	07/15/25 17:02	RI	SW846 3060A/7196A
Cyanide	0.40	0.25	mg/kg	1	07/14/25 18:17	JD	SW846 9012B/LACHAT
Solids, Percent	87.4		%	1	07/10/25 17:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB023 13-15'
Lab Sample ID: JE14894-10A
Matrix: SO - Soil
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/09/25
Date Received: 07/09/25
Percent Solids: 87.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1421.D	1	07/21/25 18:54	AA	07/17/25 17:00	OP65483	T6Q138
Run #2							

	Initial Weight	Final Volume
Run #1	5.28 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.87	0.12	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.43	0.076	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.033	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.054	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.22	0.087	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.054	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.076	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.065	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.087	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.098	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.076	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.11	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.22	0.12	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.11	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.22	0.054	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.15	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.12	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.054	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.87	0.30	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.87	0.11	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.87	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.22	0.076	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.065	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.054	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB023 13-15'		
Lab Sample ID:	JE14894-10A	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	87.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.22	0.087	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.14	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.2	0.30	ug/kg	
1691-99-2	EtFOSE	ND	2.2	0.79	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.87	0.20	ug/kg	
919005-14-4	ADONA	ND	0.87	0.13	ug/kg	
377-73-1	PFMPA	ND	0.43	0.033	ug/kg	
863090-89-5	PFMBA	ND	0.43	0.065	ug/kg	
151772-58-6	NFDHA	ND	0.43	0.14	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.87	0.28	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.87	0.20	ug/kg	
113507-82-7	PFEESA	ND	0.43	0.033	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.26	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.4	0.67	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.4	0.68	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	76%		8-130%
	13C5-PFPeA	74%		35-130%
	13C5-PFHxA	76%		40-130%
	13C4-PFHpA	72%		40-130%
	13C8-PFOA	73%		40-130%
	13C9-PFNA	74%		40-130%
	13C6-PFDA	78%		40-130%
	13C7-PFUnDA	81%		40-130%
	13C2-PFDoDA	74%		40-130%
	13C2-PFTeDA	83%		20-130%
	13C3-PFBS	74%		40-135%
	13C3-PFHxS	71%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB023 13-15'		
Lab Sample ID:	JE14894-10A	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	87.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	76%		40-130%
	13C8-FOSA	81%		40-130%
	d3-MeFOSA	75%		10-130%
	d5-EtFOSA	75%		10-130%
	d3-MeFOSAA	75%		40-135%
	d5-EtFOSAA	75%		40-150%
	d7-MeFOSE	92%		20-130%
	d9-EtFOSE	86%		15-130%
	13C2-4:2FTS	66%		40-165%
	13C2-6:2FTS	81%		40-215%
	13C2-8:2FTS	160%		40-275%
	13C3-HFPO-DA	74%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TRIP BLANK
Lab Sample ID: JE14894-12
Matrix: AQ - Trip Blank Soil
Method: SW846 8260D
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/09/25
Date Received: 07/09/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GB23837.D	1	07/11/25 12:57	ED	n/a	n/a	VGB658
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane [a]	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride [a]	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone [b]	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JE14894-12	**Date Sampled:**	07/09/25
Matrix:	AQ - Trip Blank Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane [a]	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	95%		80-120%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	102%		82-114%

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
(b) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Technical Report for

PW Grosser Consulting

ALE2501 - 60 Alexander Street, Yonkers, NY

ALE2501

SGS Job Number: JE14894U

Sampling Date: 07/09/25

Report to:

PW Grosser Consulting
630 Johnson Avenue #7
Bohemia, NY 11716
zyoungman@pwgrosser.com; jenniferl@pwgrosser.com

ATTN: Zeb Youngman

Total number of pages in report: 12

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Victoria Pushkova 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Test results relate only to samples analyzed.

Sample Summary

PW Grosser Consulting

Job No: JE14894U

ALE2501 - 60 Alexander Street, Yonkers, NY
Project No: ALE2501

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND = Not detected above the MDL							
JE14894-1U	07/09/25	12:15	RD	07/09/25	SO	Soil	SB012 2-4'
JE14894-2U	07/09/25	12:25	RD	07/09/25	SO	Soil	SB012 13-15'
JE14894-4U	07/09/25	12:50	RD	07/09/25	SO	Soil	SB011 6-8'
JE14894-5U	07/09/25	12:55	RD	07/09/25	SO	Soil	SB011 13-15'
JE14894-6U	07/09/25	09:30	RD	07/09/25	SO	Soil	SB022 7-9'
JE14894-7U	07/09/25	09:35	RD	07/09/25	SO	Soil	SB022 13-15'
JE14894-9U	07/09/25	09:55	RD	07/09/25	SO	Soil	SB023 4-6'
JE14894-10U	07/09/25	09:45	RD	07/09/25	SO	Soil	SB023 13-15'
JE14894-12U	07/09/25	12:55	RD	07/09/25	AQ	Trip Blank Soil	TRIP BLANK

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Report of Analysis

Client Sample ID:	SB012 2-4'		
Lab Sample ID:	JE14894-1U	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	88.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194997U.D	1	07/14/25 20:56	JN	n/a	n/a	V3C8460
Run #2							

	Initial Weight
Run #1	2.7 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	4.2	0.86	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.2	0.90	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.2	1.1	ug/kg	
91-20-3	Naphthalene	ND	11	5.3	ug/kg	
103-65-1	n-Propylbenzene	ND	4.2	0.99	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	4.2	1.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	4.2	0.91	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-124%
17060-07-0	1,2-Dichloroethane-D4	101%		75-133%
2037-26-5	Toluene-D8	105%		79-125%
460-00-4	4-Bromofluorobenzene	110%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB012 13-15'		
Lab Sample ID:	JE14894-2U	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	73.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194998U.D	1	07/14/25 21:21	JN	n/a	n/a	V3C8460
Run #2							

	Initial Weight
Run #1	3.9 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	3.5	0.71	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.5	0.75	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.5	0.87	ug/kg	
91-20-3	Naphthalene	ND	8.7	4.4	ug/kg	
103-65-1	n-Propylbenzene	ND	3.5	0.82	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.5	0.87	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.5	0.75	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-124%
17060-07-0	1,2-Dichloroethane-D4	94%		75-133%
2037-26-5	Toluene-D8	110%		79-125%
460-00-4	4-Bromofluorobenzene	110%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB011 6-8'		
Lab Sample ID:	JE14894-4U	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	87.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194999U.D	1	07/14/25 21:47	JN	n/a	n/a	V3C8460
Run #2							

	Initial Weight
Run #1	4.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	2.6	0.52	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.6	0.55	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.6	0.64	ug/kg	
91-20-3	Naphthalene	ND	6.4	3.2	ug/kg	
103-65-1	n-Propylbenzene	ND	2.6	0.60	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.6	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.6	0.55	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-124%
17060-07-0	1,2-Dichloroethane-D4	97%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	100%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB011 13-15'		
Lab Sample ID:	JE14894-5U	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	71.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C195000U.D	1	07/14/25 22:13	JN	n/a	n/a	V3C8460
Run #2							

	Initial Weight
Run #1	5.3 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	2.6	0.54	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.6	0.56	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.6	0.66	ug/kg	
91-20-3	Naphthalene	ND	6.6	3.3	ug/kg	
103-65-1	n-Propylbenzene	ND	2.6	0.62	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.6	0.66	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.6	0.57	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-124%
17060-07-0	1,2-Dichloroethane-D4	96%		75-133%
2037-26-5	Toluene-D8	101%		79-125%
460-00-4	4-Bromofluorobenzene	94%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB022 7-9'		
Lab Sample ID:	JE14894-6U	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	72.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C195001U.D	1	07/14/25 22:39	JN	n/a	n/a	V3C8460
Run #2							

	Initial Weight
Run #1	2.9 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	25.7	4.7	0.97	ug/kg	
135-98-8	sec-Butylbenzene	40.7	4.7	1.0	ug/kg	
98-06-6	tert-Butylbenzene	3.7	4.7	1.2	ug/kg	J
91-20-3	Naphthalene	ND	12	5.9	ug/kg	
103-65-1	n-Propylbenzene	85.0	4.7	1.1	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	23.4	4.7	1.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	6.9	4.7	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-124%
17060-07-0	1,2-Dichloroethane-D4	99%		75-133%
2037-26-5	Toluene-D8	101%		79-125%
460-00-4	4-Bromofluorobenzene	93%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB022 13-15'		
Lab Sample ID:	JE14894-7U	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	77.8
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C209065U.D	1	07/14/25 21:25	JN	n/a	n/a	V1C8993
Run #2							

	Initial Weight
Run #1	4.4 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	2.9	0.59	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.9	0.63	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.9	0.73	ug/kg	
91-20-3	Naphthalene	ND	7.3	3.7	ug/kg	
103-65-1	n-Propylbenzene	ND	2.9	0.69	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.9	0.73	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.9	0.63	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-124%
17060-07-0	1,2-Dichloroethane-D4	80%		75-133%
2037-26-5	Toluene-D8	98%		79-125%
460-00-4	4-Bromofluorobenzene	99%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB023 4-6'		
Lab Sample ID:	JE14894-9U	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	90.1
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GB24019U.D	1	07/16/25 05:25	JN	n/a	n/a	VGB662
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.6 g	10.0 ml	100 ul
Run #2			

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	250	51	ug/kg	
135-98-8	sec-Butylbenzene	ND	250	54	ug/kg	
98-06-6	tert-Butylbenzene	ND	250	63	ug/kg	
91-20-3	Naphthalene	ND	630	320	ug/kg	
103-65-1	n-Propylbenzene	ND	250	59	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	74.0	250	63	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	ND	250	54	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		80-124%
17060-07-0	1,2-Dichloroethane-D4	109%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB023 13-15'		
Lab Sample ID:	JE14894-10U	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	87.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C195016U.D	1	07/15/25 14:11	JN	n/a	n/a	V3C8461
Run #2							

	Initial Weight
Run #1	6.2 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	1.8	0.38	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.8	0.39	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.8	0.46	ug/kg	
91-20-3	Naphthalene	2.6	4.6	2.3	ug/kg	J
103-65-1	n-Propylbenzene	ND	1.8	0.43	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	1.6	1.8	0.46	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	0.62	1.8	0.40	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-124%
17060-07-0	1,2-Dichloroethane-D4	97%		75-133%
2037-26-5	Toluene-D8	100%		79-125%
460-00-4	4-Bromofluorobenzene	95%		58-148%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JE14894-12U	**Date Sampled:**	07/09/25
Matrix:	AQ - Trip Blank Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GB23837U.D	1	07/11/25 12:57	ED	n/a	n/a	VGB658
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
91-20-3	Naphthalene	ND	5.0	4.4	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	95%		80-120%
2037-26-5	Toluene-D8	99%		80-120%
460-00-4	4-Bromofluorobenzene	102%		82-114%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Technical Report for

PW Grosser Consulting

ALE2501 - 60 Alexander Street, Yonkers, NY

SGS Job Number: JE16257

Sampling Date: 07/30/25

Report to:

PW Grosser Consulting
630 Johnson Avenue #7
Bohemia, NY 11716
zyoungman@pwgrosser.com; jenniferl@pwgrosser.com

ATTN: Zeb Youngman

Total number of pages in report: 26

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Olga Azarian
Technical Director

Client Service contact: Victoria Pushkova 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Sample Summary

PW Grosser Consulting

Job No: JE16257

ALE2501 - 60 Alexander Street, Yonkers, NY

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND = Not detected above the MDL							
JE16257-1	07/30/25	15:44	RD	07/30/25	AIR	Soil Vapor Comp.	SV001
JE16257-2	07/30/25	15:47	RD	07/30/25	AIR	Ambient Air Comp.	OA001
JE16257-3	07/30/25	15:52	RD	07/30/25	AIR	Soil Vapor Comp.	SSSV001
JE16257-4	07/30/25	15:53	RD	07/30/25	AIR	Indoor Air Comp.	IA001
JE16257-5	07/30/25	15:56	RD	07/30/25	AIR	Soil Vapor Comp.	SSSV002
JE16257-6	07/30/25	16:00	RD	07/30/25	AIR	Soil Vapor Comp.	SSSV003
JE16257-7	07/30/25	16:01	RD	07/30/25	AIR	Indoor Air Comp.	IA002
JE16257-8	07/30/25	16:05	RD	07/30/25	AIR	Soil Vapor Comp.	SV002
JE16257-9	07/30/25	16:08	RD	07/30/25	AIR	Soil Vapor Comp.	SV003

Report of Analysis

Client Sample ID: SV001
Lab Sample ID: JE16257-1
Matrix: AIR - Soil Vapor Comp. Summa ID: M124
Method: TO-15
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W69520.D	1	08/06/25 01:28	TCH	n/a	n/a	V2W3163
Run #2	2W69551.D	1	08/07/25 00:24	TCH	n/a	n/a	V2W3164

	Initial Volume
Run #1	25.0 ml
Run #2	10.0 ml

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	809	3.2	2.3	ppbv		1920	7.6	5.5	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	3.2	1.3	ppbv		ND	7.1	2.9	ug/m3
71-43-2	78.11	Benzene	ND	3.2	0.75	ppbv		ND	10	2.4	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	1.6	0.48	ppbv		ND	11	3.2	ug/m3
75-25-2	252.8	Bromoform	ND	0.64	1.1	ppbv		ND	6.6	11	ug/m3
74-83-9	94.94	Bromomethane	ND	3.2	1.1	ppbv		ND	12	4.3	ug/m3
593-60-2	106.9	Bromoethene	ND	3.2	0.98	ppbv		ND	14	4.3	ug/m3
100-44-7	126	Benzyl Chloride	ND	8.0	2.0	ppbv		ND	41	10	ug/m3
75-15-0	76.14	Carbon disulfide	ND	3.2	1.8	ppbv		ND	10	5.6	ug/m3
108-90-7	112.6	Chlorobenzene	ND	3.2	1.2	ppbv		ND	15	5.5	ug/m3
75-00-3	64.52	Chloroethane	ND	3.2	1.1	ppbv		ND	8.4	2.9	ug/m3
67-66-3	119.4	Chloroform	ND	3.2	0.59	ppbv		ND	16	2.9	ug/m3
74-87-3	50.49	Chloromethane	ND	3.2	1.4	ppbv		ND	6.6	2.9	ug/m3
107-05-1	76.53	3-Chloropropene	ND	3.2	1.3	ppbv		ND	10	4.1	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	3.2	1.2	ppbv		ND	17	6.2	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.64	0.64	ppbv		ND	4.0	4.0	ug/m3
110-82-7	84.16	Cyclohexane	45.3	3.2	0.72	ppbv		156	11	2.5	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	3.2	0.91	ppbv		ND	13	3.7	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.64	0.94	ppbv		ND	2.5	3.7	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	1.6	0.48	ppbv		ND	12	3.7	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	3.2	1.1	ppbv		ND	13	4.5	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	3.2	0.99	ppbv		ND	15	4.6	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	3.2	0.77	ppbv		ND	12	2.8	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	3.2	1.7	ppbv		ND	16	8.4	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	1.6	2.0	ppbv		ND	14	17	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	3.2	1.1	ppbv		ND	13	4.4	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.64	0.48	ppbv		ND	2.5	1.9	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	3.2	0.99	ppbv		ND	15	4.5	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	1.6	0.45	ppbv		ND	9.6	2.7	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.64	1.1	ppbv		ND	3.8	6.6	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	1.6	1.3	ppbv		ND	9.6	7.8	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	3.2	1.6	ppbv		ND	15	7.3	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV001
Lab Sample ID: JE16257-1
Matrix: AIR - Soil Vapor Comp. Summa ID: M124
Method: TO-15
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	99.7	8.0	6.3	ppbv		188	15	12	ug/m3
100-41-4	106.2	Ethylbenzene	ND	3.2	0.98	ppbv		ND	14	4.3	ug/m3
141-78-6	88	Ethyl Acetate	5.6	3.2	1.7	ppbv		20	12	6.1	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	3.2	1.5	ppbv		ND	16	7.4	ug/m3
76-13-1	187.4	Freon 113	ND	1.6	0.50	ppbv		ND	12	3.8	ug/m3
76-14-2	170.9	Freon 114	ND	1.6	0.80	ppbv		ND	11	5.6	ug/m3
142-82-5	100.2	Heptane	ND	3.2	1.5	ppbv		ND	13	6.1	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	1.4	0.99	ppbv		ND	15	11	ug/m3
110-54-3	86.18	Hexane	8.7	3.2	0.83	ppbv		31	11	2.9	ug/m3
591-78-6	100	2-Hexanone	ND	3.2	2.3	ppbv		ND	13	9.4	ug/m3
67-63-0	60.1	Isopropyl Alcohol	14.5	3.2	2.3	ppbv		35.6	7.9	5.7	ug/m3
75-09-2	84.94	Methylene chloride	ND	3.2	2.1	ppbv		ND	11	7.3	ug/m3
78-93-3	72.11	Methyl ethyl ketone	38.9	3.2	0.83	ppbv		115	9.4	2.4	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	3.2	1.2	ppbv		ND	13	4.9	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	3.2	1.3	ppbv		ND	12	4.7	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	3.2	1.1	ppbv		ND	13	4.5	ug/m3
115-07-1	42	Propylene	ND	8.0	0.77	ppbv		ND	14	1.3	ug/m3
100-42-5	104.1	Styrene	ND	3.2	0.85	ppbv		ND	14	3.6	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	1.6	1.2	ppbv		ND	8.7	6.5	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	1.6	0.77	ppbv		ND	11	5.3	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	1.6	0.61	ppbv		ND	8.7	3.3	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	1.6	1.9	ppbv		ND	12	14	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	3.2	1.4	ppbv		ND	16	6.9	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	3.2	1.3	ppbv		ND	16	6.4	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	958 [a]	8.0	1.6	ppbv		4470 [a]	37	7.5	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	532	3.2	1.5	ppbv		1610	9.7	4.5	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.80	0.64	0.48	ppbv		5.4	4.3	3.3	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	3.2	1.4	ppbv		ND	9.4	4.1	ug/m3
108-88-3	92.14	Toluene	2.1	3.2	0.91	ppbv	J	7.9	12	3.4	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.64	0.30	ppbv		ND	3.4	1.6	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	1.6	0.91	ppbv		ND	9.0	5.1	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.64	1.1	ppbv		ND	1.6	2.8	ug/m3
108-05-4	86	Vinyl Acetate	ND	3.2	1.8	ppbv		ND	11	6.3	ug/m3
	106.2	m,p-Xylene	ND	3.2	2.2	ppbv		ND	14	9.6	ug/m3
95-47-6	106.2	o-Xylene	ND	3.2	1.2	ppbv		ND	14	5.2	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	3.2	1.2	ppbv		ND	14	5.2	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%	85%	65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV001		
Lab Sample ID:	JE16257-1	**Date Sampled:**	07/30/25
Matrix:	AIR - Soil Vapor Comp. Summa ID: M124	**Date Received:**	07/30/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: OA001
Lab Sample ID: JE16257-2
Matrix: AIR - Ambient Air Comp. Summa ID: M406
Method: TO-15
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W69514.D	1	08/05/25 21:26	TCH	n/a	n/a	V2W3163
Run #2							

	Initial Volume
Run #1	500 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	18.3	0.16	0.12	ppbv		43.5	0.38	0.29	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.16	0.067	ppbv		ND	0.35	0.15	ug/m3
71-43-2	78.11	Benzene	0.38	0.16	0.038	ppbv		1.2	0.51	0.12	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.080	0.024	ppbv		ND	0.54	0.16	ug/m3
75-25-2	252.8	Bromoform	ND	0.032	0.057	ppbv		ND	0.33	0.59	ug/m3
74-83-9	94.94	Bromomethane	ND	0.16	0.055	ppbv		ND	0.62	0.21	ug/m3
593-60-2	106.9	Bromoethene	ND	0.16	0.049	ppbv		ND	0.70	0.21	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.40	0.10	ppbv		ND	2.1	0.52	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.16	0.090	ppbv		ND	0.50	0.28	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.16	0.059	ppbv		ND	0.74	0.27	ug/m3
75-00-3	64.52	Chloroethane	ND	0.16	0.054	ppbv		ND	0.42	0.14	ug/m3
67-66-3	119.4	Chloroform	ND	0.16	0.030	ppbv		ND	0.78	0.15	ug/m3
74-87-3	50.49	Chloromethane	0.84	0.16	0.072	ppbv		1.7	0.33	0.15	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.16	0.066	ppbv		ND	0.50	0.21	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.16	0.058	ppbv		ND	0.83	0.30	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.032	0.032	ppbv		ND	0.20	0.20	ug/m3
110-82-7	84.16	Cyclohexane	0.33	0.16	0.036	ppbv		1.1	0.55	0.12	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.16	0.046	ppbv		ND	0.65	0.19	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.032	0.047	ppbv		ND	0.13	0.19	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.080	0.024	ppbv		ND	0.61	0.18	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.16	0.056	ppbv		ND	0.65	0.23	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.16	0.050	ppbv		ND	0.74	0.23	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.16	0.038	ppbv		ND	0.58	0.14	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.44	0.16	0.083	ppbv		2.2	0.79	0.41	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.080	0.098	ppbv		ND	0.68	0.83	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.16	0.055	ppbv		ND	0.63	0.22	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.032	0.024	ppbv		ND	0.13	0.095	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.16	0.050	ppbv		ND	0.73	0.23	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.080	0.022	ppbv		ND	0.48	0.13	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.032	0.055	ppbv		ND	0.19	0.33	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.080	0.063	ppbv		ND	0.48	0.38	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.16	0.081	ppbv		ND	0.73	0.37	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: OA001
Lab Sample ID: JE16257-2
Matrix: AIR - Ambient Air Comp. Summa ID: M406
Method: TO-15
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	6.7	0.40	0.32	ppbv		13	0.75	0.60	ug/m3
100-41-4	106.2	Ethylbenzene	0.11	0.16	0.049	ppbv	J	0.48	0.69	0.21	ug/m3
141-78-6	88	Ethyl Acetate	5.2	0.16	0.083	ppbv		19	0.58	0.30	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.16	0.076	ppbv		ND	0.79	0.37	ug/m3
76-13-1	187.4	Freon 113	ND	0.080	0.025	ppbv		ND	0.61	0.19	ug/m3
76-14-2	170.9	Freon 114	ND	0.080	0.040	ppbv		ND	0.56	0.28	ug/m3
142-82-5	100.2	Heptane	0.18	0.16	0.073	ppbv		0.74	0.66	0.30	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.072	0.050	ppbv		ND	0.77	0.53	ug/m3
110-54-3	86.18	Hexane	0.61	0.16	0.042	ppbv		2.2	0.56	0.15	ug/m3
591-78-6	100	2-Hexanone	ND	0.16	0.12	ppbv		ND	0.65	0.49	ug/m3
67-63-0	60.1	Isopropyl Alcohol	2.8	0.16	0.11	ppbv		6.9	0.39	0.27	ug/m3
75-09-2	84.94	Methylene chloride	0.56	0.16	0.11	ppbv		1.9	0.56	0.38	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.76	0.16	0.042	ppbv		2.2	0.47	0.12	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.16	0.058	ppbv		ND	0.66	0.24	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.16	0.064	ppbv		ND	0.58	0.23	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.16	0.056	ppbv		ND	0.66	0.23	ug/m3
115-07-1	42	Propylene	ND	0.40	0.038	ppbv		ND	0.69	0.065	ug/m3
100-42-5	104.1	Styrene	ND	0.16	0.042	ppbv		ND	0.68	0.18	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.080	0.062	ppbv		ND	0.44	0.34	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.080	0.038	ppbv		ND	0.55	0.26	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.080	0.030	ppbv		ND	0.44	0.16	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.080	0.097	ppbv		ND	0.59	0.72	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.16	0.070	ppbv		ND	0.79	0.34	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.16	0.064	ppbv		ND	0.79	0.31	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.24	0.16	0.032	ppbv		1.1	0.75	0.15	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	4.5	0.16	0.074	ppbv		14	0.49	0.22	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.032	0.024	ppbv		ND	0.22	0.16	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.16	0.072	ppbv		ND	0.47	0.21	ug/m3
108-88-3	92.14	Toluene	0.86	0.16	0.046	ppbv		3.2	0.60	0.17	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.032	0.015	ppbv		ND	0.17	0.081	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.22	0.080	0.046	ppbv		1.2	0.45	0.26	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.032	0.055	ppbv		ND	0.082	0.14	ug/m3
108-05-4	86	Vinyl Acetate	0.34	0.16	0.090	ppbv		1.2	0.56	0.32	ug/m3
	106.2	m,p-Xylene	0.27	0.16	0.11	ppbv		1.2	0.69	0.48	ug/m3
95-47-6	106.2	o-Xylene	0.10	0.16	0.062	ppbv	J	0.43	0.69	0.27	ug/m3
1330-20-7	106.2	Xylenes (total)	0.37	0.16	0.062	ppbv		1.6	0.69	0.27	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	87%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SSSV001
Lab Sample ID: JE16257-3
Matrix: AIR - Soil Vapor Comp. Summa ID: A2003
Method: TO-15
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W69515.D	1	08/05/25 22:10	TCH	n/a	n/a	V2W3163
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	5.4	0.20	0.15	ppbv		13	0.48	0.36	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	0.19	ug/m3
71-43-2	78.11	Benzene	0.12	0.20	0.047	ppbv	J	0.38	0.64	0.15	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.10	0.030	ppbv		ND	0.67	0.20	ug/m3
75-25-2	252.8	Bromoform	ND	0.040	0.071	ppbv		ND	0.41	0.73	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	0.27	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	0.27	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.50	0.13	ppbv		ND	2.6	0.67	ug/m3
75-15-0	76.14	Carbon disulfide	0.15	0.20	0.11	ppbv	J	0.47	0.62	0.34	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	0.34	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	0.18	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	0.18	ug/m3
74-87-3	50.49	Chloromethane	0.17	0.20	0.090	ppbv	J	0.35	0.41	0.19	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	0.26	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	0.37	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.040	ppbv		ND	0.25	0.25	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	0.15	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	0.23	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.040	0.059	ppbv		ND	0.16	0.23	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.10	0.030	ppbv		ND	0.77	0.23	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	0.28	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	0.29	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	0.17	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.41	0.20	0.10	ppbv		2.0	0.99	0.49	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.10	0.12	ppbv		ND	0.85	1.0	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.069	ppbv		ND	0.79	0.27	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.040	0.030	ppbv		ND	0.16	0.12	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	0.28	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.028	ppbv		ND	0.60	0.17	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.069	ppbv		ND	0.24	0.41	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.079	ppbv		ND	0.60	0.47	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	0.45	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SSSV001		
Lab Sample ID:	JE16257-3	**Date Sampled:**	07/30/25
Matrix:	AIR - Soil Vapor Comp. Summa ID: A2003	**Date Received:**	07/30/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	1.1	0.50	0.39	ppbv		2.1	0.94	0.73	ug/m3
100-41-4	106.2	Ethylbenzene	0.14	0.20	0.061	ppbv	J	0.61	0.87	0.26	ug/m3
141-78-6	88	Ethyl Acetate	3.7	0.20	0.10	ppbv		13	0.72	0.36	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	0.47	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.031	ppbv		ND	0.77	0.24	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.050	ppbv		ND	0.70	0.35	ug/m3
142-82-5	100.2	Heptane	ND	0.20	0.091	ppbv		ND	0.82	0.37	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.062	ppbv		ND	0.96	0.66	ug/m3
110-54-3	86.18	Hexane	0.26	0.20	0.052	ppbv		0.92	0.70	0.18	ug/m3
591-78-6	100	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	0.61	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.40	0.20	0.14	ppbv		0.98	0.49	0.34	ug/m3
75-09-2	84.94	Methylene chloride	0.48	0.20	0.13	ppbv		1.7	0.69	0.45	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.59	0.20	0.052	ppbv		1.7	0.59	0.15	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	0.30	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	0.29	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	0.29	ug/m3
115-07-1	42	Propylene	ND	0.50	0.048	ppbv		ND	0.86	0.082	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.053	ppbv		ND	0.85	0.23	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.10	0.078	ppbv		ND	0.55	0.43	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.10	0.048	ppbv		ND	0.69	0.33	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.038	ppbv		ND	0.55	0.21	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.12	ppbv		ND	0.74	0.89	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	0.43	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	0.39	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.20	0.040	ppbv		ND	0.93	0.19	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.59	0.20	0.093	ppbv		1.8	0.61	0.28	ug/m3
127-18-4	165.8	Tetrachloroethylene	2.6	0.040	0.030	ppbv		18	0.27	0.20	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	0.27	ug/m3
108-88-3	92.14	Toluene	0.31	0.20	0.057	ppbv		1.2	0.75	0.21	ug/m3
79-01-6	131.4	Trichloroethylene	0.053	0.040	0.019	ppbv		0.28	0.21	0.10	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.28	0.10	0.057	ppbv		1.6	0.56	0.32	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.040	0.069	ppbv		ND	0.10	0.18	ug/m3
108-05-4	86	Vinyl Acetate	0.37	0.20	0.11	ppbv		1.3	0.70	0.39	ug/m3
	106.2	m,p-Xylene	0.73	0.20	0.14	ppbv		3.2	0.87	0.61	ug/m3
95-47-6	106.2	o-Xylene	0.41	0.20	0.077	ppbv		1.8	0.87	0.33	ug/m3
1330-20-7	106.2	Xylenes (total)	1.1	0.20	0.077	ppbv		5.0	0.87	0.33	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	84%		65-128%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: IA001
Lab Sample ID: JE16257-4
Matrix: AIR - Indoor Air Comp. Summa ID: A2076
Method: TO-15
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W69496.D	1	08/05/25 07:17	BK	n/a	n/a	V2W3162
Run #2							

	Initial Volume
Run #1	500 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	9.1	0.16	0.12	ppbv		22	0.38	0.29	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.16	0.067	ppbv		ND	0.35	0.15	ug/m3
71-43-2	78.11	Benzene	0.28	0.16	0.038	ppbv		0.89	0.51	0.12	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.080	0.024	ppbv		ND	0.54	0.16	ug/m3
75-25-2	252.8	Bromoform [a]	ND	0.032	0.057	ppbv		ND	0.33	0.59	ug/m3
74-83-9	94.94	Bromomethane	ND	0.16	0.055	ppbv		ND	0.62	0.21	ug/m3
593-60-2	106.9	Bromoethene	ND	0.16	0.049	ppbv		ND	0.70	0.21	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.40	0.10	ppbv		ND	2.1	0.52	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.16	0.090	ppbv		ND	0.50	0.28	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.16	0.059	ppbv		ND	0.74	0.27	ug/m3
75-00-3	64.52	Chloroethane	ND	0.16	0.054	ppbv		ND	0.42	0.14	ug/m3
67-66-3	119.4	Chloroform	ND	0.16	0.030	ppbv		ND	0.78	0.15	ug/m3
74-87-3	50.49	Chloromethane	0.46	0.16	0.072	ppbv		0.95	0.33	0.15	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.16	0.066	ppbv		ND	0.50	0.21	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.16	0.058	ppbv		ND	0.83	0.30	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.032	0.032	ppbv		ND	0.20	0.20	ug/m3
110-82-7	84.16	Cyclohexane	0.15	0.16	0.036	ppbv	J	0.52	0.55	0.12	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.16	0.046	ppbv		ND	0.65	0.19	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.032	0.047	ppbv		ND	0.13	0.19	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.080	0.024	ppbv		ND	0.61	0.18	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.16	0.056	ppbv		ND	0.65	0.23	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.16	0.050	ppbv		ND	0.74	0.23	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.16	0.038	ppbv		ND	0.58	0.14	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.31	0.16	0.083	ppbv		1.5	0.79	0.41	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.080	0.098	ppbv		ND	0.68	0.83	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.16	0.055	ppbv		ND	0.63	0.22	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.032	0.024	ppbv		ND	0.13	0.095	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.16	0.050	ppbv		ND	0.73	0.23	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.080	0.022	ppbv		ND	0.48	0.13	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.032	0.055	ppbv		ND	0.19	0.33	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.080	0.063	ppbv		ND	0.48	0.38	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.16	0.081	ppbv		ND	0.73	0.37	ug/m3

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: IA001
Lab Sample ID: JE16257-4
Matrix: AIR - Indoor Air Comp. Summa ID: A2076
Method: TO-15
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	4.8	0.40	0.32	ppbv		9.0	0.75	0.60	ug/m3
100-41-4	106.2	Ethylbenzene	0.11	0.16	0.049	ppbv	J	0.48	0.69	0.21	ug/m3
141-78-6	88	Ethyl Acetate	2.4	0.16	0.083	ppbv		8.6	0.58	0.30	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.16	0.076	ppbv		ND	0.79	0.37	ug/m3
76-13-1	187.4	Freon 113	ND	0.080	0.025	ppbv		ND	0.61	0.19	ug/m3
76-14-2	170.9	Freon 114	ND	0.080	0.040	ppbv		ND	0.56	0.28	ug/m3
142-82-5	100.2	Heptane	0.13	0.16	0.073	ppbv	J	0.53	0.66	0.30	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.072	0.050	ppbv		ND	0.77	0.53	ug/m3
110-54-3	86.18	Hexane	0.37	0.16	0.042	ppbv		1.3	0.56	0.15	ug/m3
591-78-6	100	2-Hexanone	ND	0.16	0.12	ppbv		ND	0.65	0.49	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.92	0.16	0.11	ppbv		2.3	0.39	0.27	ug/m3
75-09-2	84.94	Methylene chloride	0.23	0.16	0.11	ppbv		0.80	0.56	0.38	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.81	0.16	0.042	ppbv		2.4	0.47	0.12	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	0.088	0.16	0.058	ppbv	J	0.36	0.66	0.24	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.16	0.064	ppbv		ND	0.58	0.23	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.16	0.056	ppbv		ND	0.66	0.23	ug/m3
115-07-1	42	Propylene	ND	0.40	0.038	ppbv		ND	0.69	0.065	ug/m3
100-42-5	104.1	Styrene	ND	0.16	0.042	ppbv		ND	0.68	0.18	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.080	0.062	ppbv		ND	0.44	0.34	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.080	0.038	ppbv		ND	0.55	0.26	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.080	0.030	ppbv		ND	0.44	0.16	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.080	0.097	ppbv		ND	0.59	0.72	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.16	0.070	ppbv		ND	0.79	0.34	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.16	0.064	ppbv		ND	0.79	0.31	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.14	0.16	0.032	ppbv	J	0.65	0.75	0.15	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.25	0.16	0.074	ppbv		0.76	0.49	0.22	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.57	0.032	0.024	ppbv		3.9	0.22	0.16	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.16	0.072	ppbv		ND	0.47	0.21	ug/m3
108-88-3	92.14	Toluene	0.58	0.16	0.046	ppbv		2.2	0.60	0.17	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.032	0.015	ppbv		ND	0.17	0.081	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.16	0.080	0.046	ppbv		0.90	0.45	0.26	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.032	0.055	ppbv		ND	0.082	0.14	ug/m3
108-05-4	86	Vinyl Acetate	0.40	0.16	0.090	ppbv		1.4	0.56	0.32	ug/m3
	106.2	m,p-Xylene	0.34	0.16	0.11	ppbv		1.5	0.69	0.48	ug/m3
95-47-6	106.2	o-Xylene	0.14	0.16	0.062	ppbv	J	0.61	0.69	0.27	ug/m3
1330-20-7	106.2	Xylenes (total)	0.48	0.16	0.062	ppbv		2.1	0.69	0.27	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		65-128%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	IA001		
Lab Sample ID:	JE16257-4	**Date Sampled:**	07/30/25
Matrix:	AIR - Indoor Air Comp. Summa ID: A2076	**Date Received:**	07/30/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SSSV002
Lab Sample ID: JE16257-5
Matrix: AIR - Soil Vapor Comp. Summa ID: A2130
Method: TO-15
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W69517.D	1	08/05/25 23:33	TCH	n/a	n/a	V2W3163
Run #2							

	Initial Volume
Run #1	200 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	7.5	0.40	0.29	ppbv		18	0.95	0.69	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.40	0.17	ppbv		ND	0.88	0.38	ug/m3
71-43-2	78.11	Benzene	0.21	0.40	0.094	ppbv	J	0.67	1.3	0.30	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.060	ppbv		ND	1.3	0.40	ug/m3
75-25-2	252.8	Bromoform	ND	0.080	0.14	ppbv		ND	0.83	1.4	ug/m3
74-83-9	94.94	Bromomethane	ND	0.40	0.14	ppbv		ND	1.6	0.54	ug/m3
593-60-2	106.9	Bromoethene	ND	0.40	0.12	ppbv		ND	1.7	0.52	ug/m3
100-44-7	126	Benzyl Chloride	ND	1.0	0.25	ppbv		ND	5.2	1.3	ug/m3
75-15-0	76.14	Carbon disulfide	0.25	0.40	0.23	ppbv	J	0.78	1.2	0.72	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.40	0.15	ppbv		ND	1.8	0.69	ug/m3
75-00-3	64.52	Chloroethane	ND	0.40	0.14	ppbv		ND	1.1	0.37	ug/m3
67-66-3	119.4	Chloroform	ND	0.40	0.074	ppbv		ND	2.0	0.36	ug/m3
74-87-3	50.49	Chloromethane	0.21	0.40	0.18	ppbv	J	0.43	0.83	0.37	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.40	0.17	ppbv		ND	1.3	0.53	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.40	0.14	ppbv		ND	2.1	0.72	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.080	0.080	ppbv		ND	0.50	0.50	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.40	0.090	ppbv		ND	1.4	0.31	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.40	0.11	ppbv		ND	1.6	0.45	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.080	0.12	ppbv		ND	0.32	0.48	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.20	0.060	ppbv		ND	1.5	0.46	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.40	0.14	ppbv		ND	1.6	0.57	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.40	0.12	ppbv		ND	1.8	0.55	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.40	0.096	ppbv		ND	1.4	0.35	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.42	0.40	0.21	ppbv		2.1	2.0	1.0	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.24	ppbv		ND	1.7	2.0	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.40	0.14	ppbv		ND	1.6	0.56	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.080	0.060	ppbv		ND	0.32	0.24	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.40	0.12	ppbv		ND	1.8	0.54	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.056	ppbv		ND	1.2	0.34	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.080	0.14	ppbv		ND	0.48	0.84	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.16	ppbv		ND	1.2	0.96	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.40	0.20	ppbv		ND	1.8	0.91	ug/m3

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SSSV002
Lab Sample ID: JE16257-5
Matrix: AIR - Soil Vapor Comp. Summa ID: A2130
Method: TO-15
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	1.7	1.0	0.79	ppbv		3.2	1.9	1.5	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.40	0.12	ppbv		ND	1.7	0.52	ug/m3
141-78-6	88	Ethyl Acetate	2.3	0.40	0.21	ppbv		8.3	1.4	0.76	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.40	0.19	ppbv		ND	2.0	0.93	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.062	ppbv		ND	1.5	0.48	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.10	ppbv		ND	1.4	0.70	ug/m3
142-82-5	100.2	Heptane	ND	0.40	0.18	ppbv		ND	1.6	0.74	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.18	0.12	ppbv		ND	1.9	1.3	ug/m3
110-54-3	86.18	Hexane	0.30	0.40	0.10	ppbv	J	1.1	1.4	0.35	ug/m3
591-78-6	100	2-Hexanone	ND	0.40	0.29	ppbv		ND	1.6	1.2	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.44	0.40	0.28	ppbv		1.1	0.98	0.69	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.40	0.27	ppbv		ND	1.4	0.94	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.65	0.40	0.10	ppbv		1.9	1.2	0.29	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.40	0.15	ppbv		ND	1.6	0.61	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.40	0.16	ppbv		ND	1.4	0.58	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.40	0.14	ppbv		ND	1.6	0.57	ug/m3
115-07-1	42	Propylene	ND	1.0	0.096	ppbv		ND	1.7	0.16	ug/m3
100-42-5	104.1	Styrene	ND	0.40	0.11	ppbv		ND	1.7	0.47	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.20	0.16	ppbv		ND	1.1	0.87	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.20	0.096	ppbv		ND	1.4	0.66	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.076	ppbv		ND	1.1	0.41	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.24	ppbv		ND	1.5	1.8	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.40	0.17	ppbv		ND	2.0	0.84	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.40	0.16	ppbv		ND	2.0	0.79	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.40	0.080	ppbv		ND	1.9	0.37	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	2.0	0.40	0.19	ppbv		6.1	1.2	0.58	ug/m3
127-18-4	165.8	Tetrachloroethylene	82.4	0.080	0.060	ppbv		559	0.54	0.41	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.40	0.18	ppbv		ND	1.2	0.53	ug/m3
108-88-3	92.14	Toluene	0.20	0.40	0.11	ppbv	J	0.75	1.5	0.41	ug/m3
79-01-6	131.4	Trichloroethylene	3.8	0.080	0.038	ppbv		20	0.43	0.20	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.22	0.20	0.11	ppbv		1.2	1.1	0.62	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.080	0.14	ppbv		ND	0.20	0.36	ug/m3
108-05-4	86	Vinyl Acetate	0.27	0.40	0.22	ppbv	J	0.95	1.4	0.77	ug/m3
	106.2	m,p-Xylene	0.31	0.40	0.28	ppbv	J	1.3	1.7	1.2	ug/m3
95-47-6	106.2	o-Xylene	ND	0.40	0.15	ppbv		ND	1.7	0.65	ug/m3
1330-20-7	106.2	Xylenes (total)	0.31	0.40	0.15	ppbv	J	1.3	1.7	0.65	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	83%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SSSV003		
Lab Sample ID:	JE16257-6	**Date Sampled:**	07/30/25
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1800	**Date Received:**	07/30/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W69566.D	1.38	08/07/25 15:06	TCH	n/a	n/a	V2W3165
Run #2	2W69567.D	1.38	08/07/25 15:42	TCH	n/a	n/a	V2W3165

	Initial Volume
Run #1	10.0 ml
Run #2	5.0 ml

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	321	11	8.0	ppbv		763	26	19	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	11	4.6	ppbv		ND	24	10	ug/m3
71-43-2	78.11	Benzene	ND	11	2.6	ppbv		ND	35	8.3	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	5.5	1.7	ppbv		ND	37	11	ug/m3
75-25-2	252.8	Bromoform [a]	ND	2.2	3.9	ppbv		ND	23	40	ug/m3
74-83-9	94.94	Bromomethane	ND	11	3.8	ppbv		ND	43	15	ug/m3
593-60-2	106.9	Bromoethene	ND	11	3.4	ppbv		ND	48	15	ug/m3
100-44-7	126	Benzyl Chloride	ND	28	6.9	ppbv		ND	140	36	ug/m3
75-15-0	76.14	Carbon disulfide	ND	11	6.2	ppbv		ND	34	19	ug/m3
108-90-7	112.6	Chlorobenzene	ND	11	4.1	ppbv		ND	51	19	ug/m3
75-00-3	64.52	Chloroethane	ND	11	3.8	ppbv		ND	29	10	ug/m3
67-66-3	119.4	Chloroform	ND	11	2.0	ppbv		ND	54	9.8	ug/m3
74-87-3	50.49	Chloromethane	ND	11	5.0	ppbv		ND	23	10	ug/m3
107-05-1	76.53	3-Chloropropene	ND	11	4.6	ppbv		ND	34	14	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	11	4.0	ppbv		ND	57	21	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	2.2	2.2	ppbv		ND	14	14	ug/m3
110-82-7	84.16	Cyclohexane	ND	11	2.5	ppbv		ND	38	8.6	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	11	3.1	ppbv		ND	45	13	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	2.2	3.3	ppbv		ND	8.7	13	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	5.5	1.7	ppbv		ND	42	13	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	11	3.9	ppbv		ND	45	16	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	11	3.4	ppbv		ND	51	16	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	11	2.6	ppbv		ND	40	9.4	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	11	5.7	ppbv		ND	54	28	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	5.5	6.7	ppbv		ND	47	57	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	9.8	11	3.8	ppbv	J	39	44	15	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	26.4	2.2	1.7	ppbv		105	8.7	6.7	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	11	3.4	ppbv		ND	50	15	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	5.5	1.5	ppbv		ND	33	9.0	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	2.2	3.8	ppbv		ND	13	23	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	5.5	4.4	ppbv		ND	33	26	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	11	5.6	ppbv		ND	50	25	ug/m3

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SSSV003		
Lab Sample ID:	JE16257-6	**Date Sampled:**	07/30/25
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1800	**Date Received:**	07/30/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	51.9	28	22	ppbv		97.8	53	41	ug/m3
100-41-4	106.2	Ethylbenzene	ND	11	3.4	ppbv		ND	48	15	ug/m3
141-78-6	88	Ethyl Acetate	ND	11	5.7	ppbv		ND	40	21	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	11	5.2	ppbv		ND	54	26	ug/m3
76-13-1	187.4	Freon 113	ND	5.5	1.7	ppbv		ND	42	13	ug/m3
76-14-2	170.9	Freon 114	ND	5.5	2.8	ppbv		ND	38	20	ug/m3
142-82-5	100.2	Heptane	ND	11	5.0	ppbv		ND	45	20	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	5.0	3.4	ppbv		ND	53	36	ug/m3
110-54-3	86.18	Hexane	ND	11	2.9	ppbv		ND	39	10	ug/m3
591-78-6	100	2-Hexanone	ND	11	8.0	ppbv		ND	45	33	ug/m3
67-63-0	60.1	Isopropyl Alcohol	100	11	7.8	ppbv		246	27	19	ug/m3
75-09-2	84.94	Methylene chloride	ND	11	7.3	ppbv		ND	38	25	ug/m3
78-93-3	72.11	Methyl ethyl ketone	57.7	11	2.9	ppbv		170	32	8.6	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	11	4.0	ppbv		ND	45	16	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	11	4.4	ppbv		ND	40	16	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	11	3.9	ppbv		ND	45	16	ug/m3
115-07-1	42	Propylene	ND	28	2.6	ppbv		ND	48	4.5	ug/m3
100-42-5	104.1	Styrene	ND	11	2.9	ppbv		ND	47	12	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	5.5	4.3	ppbv		ND	30	23	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	5.5	2.6	ppbv		ND	38	18	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	5.5	2.1	ppbv		ND	30	11	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	5.5	6.7	ppbv		ND	41	50	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	11	4.8	ppbv		ND	54	24	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	11	4.4	ppbv		ND	54	22	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	11	2.2	ppbv		ND	51	10	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	16.0	11	5.1	ppbv		48.5	33	15	ug/m3
127-18-4	165.8	Tetrachloroethylene	5430 [b]	4.4	3.3	ppbv		36800 [b]	30	22	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	11	5.0	ppbv		ND	32	15	ug/m3
108-88-3	92.14	Toluene	ND	11	3.1	ppbv		ND	41	12	ug/m3
79-01-6	131.4	Trichloroethylene	314	2.2	1.0	ppbv		1690	12	5.4	ug/m3
75-69-4	137.4	Trichlorofluoromethane [c]	ND	5.5	3.1	ppbv		ND	31	17	ug/m3
75-01-4	62.5	Vinyl chloride	ND	2.2	3.8	ppbv		ND	5.6	9.7	ug/m3
108-05-4	86	Vinyl Acetate	ND	11	6.2	ppbv		ND	39	22	ug/m3
	106.2	m,p-Xylene	13.3	11	7.7	ppbv		57.8	48	33	ug/m3
95-47-6	106.2	o-Xylene	8.9	11	4.3	ppbv	J	39	48	19	ug/m3
1330-20-7	106.2	Xylenes (total)	22.2	11	4.3	ppbv		96.8	48	19	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	82%	83%	65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SSSV003		
Lab Sample ID:	JE16257-6	**Date Sampled:**	07/30/25
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1800	**Date Received:**	07/30/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) This compound in blank spike is outside in house QC limits bias high.
(b) Result is from Run# 2
(c) This compound in BSD is outside in house QC limits bias low.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: IA002
Lab Sample ID: JE16257-7
Matrix: AIR - Indoor Air Comp. Summa ID: A883
Method: TO-15
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W69497.D	1	08/05/25 08:03	BK	n/a	n/a	V2W3162
Run #2							

	Initial Volume
Run #1	500 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	5.0	0.16	0.12	ppbv		12	0.38	0.29	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.16	0.067	ppbv		ND	0.35	0.15	ug/m3
71-43-2	78.11	Benzene	0.14	0.16	0.038	ppbv	J	0.45	0.51	0.12	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.080	0.024	ppbv		ND	0.54	0.16	ug/m3
75-25-2	252.8	Bromoform [a]	ND	0.032	0.057	ppbv		ND	0.33	0.59	ug/m3
74-83-9	94.94	Bromomethane	ND	0.16	0.055	ppbv		ND	0.62	0.21	ug/m3
593-60-2	106.9	Bromoethene	ND	0.16	0.049	ppbv		ND	0.70	0.21	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.40	0.10	ppbv		ND	2.1	0.52	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.16	0.090	ppbv		ND	0.50	0.28	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.16	0.059	ppbv		ND	0.74	0.27	ug/m3
75-00-3	64.52	Chloroethane	ND	0.16	0.054	ppbv		ND	0.42	0.14	ug/m3
67-66-3	119.4	Chloroform	ND	0.16	0.030	ppbv		ND	0.78	0.15	ug/m3
74-87-3	50.49	Chloromethane	0.42	0.16	0.072	ppbv		0.87	0.33	0.15	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.16	0.066	ppbv		ND	0.50	0.21	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.16	0.058	ppbv		ND	0.83	0.30	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.032	0.032	ppbv		ND	0.20	0.20	ug/m3
110-82-7	84.16	Cyclohexane	0.11	0.16	0.036	ppbv	J	0.38	0.55	0.12	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.16	0.046	ppbv		ND	0.65	0.19	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.032	0.047	ppbv		ND	0.13	0.19	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.080	0.024	ppbv		ND	0.61	0.18	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.16	0.056	ppbv		ND	0.65	0.23	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.16	0.050	ppbv		ND	0.74	0.23	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.16	0.038	ppbv		ND	0.58	0.14	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.31	0.16	0.083	ppbv		1.5	0.79	0.41	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.080	0.098	ppbv		ND	0.68	0.83	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.16	0.055	ppbv		ND	0.63	0.22	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.032	0.024	ppbv		ND	0.13	0.095	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.16	0.050	ppbv		ND	0.73	0.23	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.080	0.022	ppbv		ND	0.48	0.13	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.032	0.055	ppbv		ND	0.19	0.33	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.080	0.063	ppbv		ND	0.48	0.38	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.16	0.081	ppbv		ND	0.73	0.37	ug/m3

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	IA002		
Lab Sample ID:	JE16257-7	**Date Sampled:**	07/30/25
Matrix:	AIR - Indoor Air Comp. Summa ID: A883	**Date Received:**	07/30/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	3.1	0.40	0.32	ppbv		5.8	0.75	0.60	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.16	0.049	ppbv		ND	0.69	0.21	ug/m3
141-78-6	88	Ethyl Acetate	2.4	0.16	0.083	ppbv		8.6	0.58	0.30	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.16	0.076	ppbv		ND	0.79	0.37	ug/m3
76-13-1	187.4	Freon 113	ND	0.080	0.025	ppbv		ND	0.61	0.19	ug/m3
76-14-2	170.9	Freon 114	ND	0.080	0.040	ppbv		ND	0.56	0.28	ug/m3
142-82-5	100.2	Heptane	0.081	0.16	0.073	ppbv	J	0.33	0.66	0.30	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.072	0.050	ppbv		ND	0.77	0.53	ug/m3
110-54-3	86.18	Hexane	0.28	0.16	0.042	ppbv		0.99	0.56	0.15	ug/m3
591-78-6	100	2-Hexanone	ND	0.16	0.12	ppbv		ND	0.65	0.49	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.49	0.16	0.11	ppbv		1.2	0.39	0.27	ug/m3
75-09-2	84.94	Methylene chloride	0.29	0.16	0.11	ppbv		1.0	0.56	0.38	ug/m3
78-93-3	72.11	Methyl ethyl ketone	2.7	0.16	0.042	ppbv		8.0	0.47	0.12	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.16	0.058	ppbv		ND	0.66	0.24	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.16	0.064	ppbv		ND	0.58	0.23	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.16	0.056	ppbv		ND	0.66	0.23	ug/m3
115-07-1	42	Propylene	ND	0.40	0.038	ppbv		ND	0.69	0.065	ug/m3
100-42-5	104.1	Styrene	ND	0.16	0.042	ppbv		ND	0.68	0.18	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.080	0.062	ppbv		ND	0.44	0.34	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.080	0.038	ppbv		ND	0.55	0.26	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.080	0.030	ppbv		ND	0.44	0.16	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.080	0.097	ppbv		ND	0.59	0.72	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.16	0.070	ppbv		ND	0.79	0.34	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.16	0.064	ppbv		ND	0.79	0.31	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.16	0.16	0.032	ppbv		0.75	0.75	0.15	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.091	0.16	0.074	ppbv	J	0.28	0.49	0.22	ug/m3
127-18-4	165.8	Tetrachloroethylene	0.12	0.032	0.024	ppbv		0.81	0.22	0.16	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.16	0.072	ppbv		ND	0.47	0.21	ug/m3
108-88-3	92.14	Toluene	0.33	0.16	0.046	ppbv		1.2	0.60	0.17	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.032	0.015	ppbv		ND	0.17	0.081	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.17	0.080	0.046	ppbv		0.96	0.45	0.26	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.032	0.055	ppbv		ND	0.082	0.14	ug/m3
108-05-4	86	Vinyl Acetate	0.23	0.16	0.090	ppbv		0.81	0.56	0.32	ug/m3
	106.2	m,p-Xylene	0.14	0.16	0.11	ppbv	J	0.61	0.69	0.48	ug/m3
95-47-6	106.2	o-Xylene	0.13	0.16	0.062	ppbv	J	0.56	0.69	0.27	ug/m3
1330-20-7	106.2	Xylenes (total)	0.27	0.16	0.062	ppbv		1.2	0.69	0.27	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		65-128%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	IA002		
Lab Sample ID:	JE16257-7	**Date Sampled:**	07/30/25
Matrix:	AIR - Indoor Air Comp. Summa ID: A883	**Date Received:**	07/30/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) This compound in blank spike is outside in house QC limits bias high.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV002
Lab Sample ID: JE16257-8
Matrix: AIR - Soil Vapor Comp. Summa ID: A1842
Method: TO-15
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W69519.D	1	08/06/25 00:51	TCH	n/a	n/a	V2W3163
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	124	0.80	0.58	ppbv		295	1.9	1.4	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.34	ppbv		ND	1.8	0.75	ug/m3
71-43-2	78.11	Benzene	ND	0.80	0.19	ppbv		ND	2.6	0.61	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.40	0.12	ppbv		ND	2.7	0.80	ug/m3
75-25-2	252.8	Bromoform	ND	0.16	0.28	ppbv		ND	1.7	2.9	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.28	ppbv		ND	3.1	1.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
100-44-7	126	Benzyl Chloride	ND	2.0	0.50	ppbv		ND	10	2.6	ug/m3
75-15-0	76.14	Carbon disulfide	0.98	0.80	0.45	ppbv		3.1	2.5	1.4	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.30	ppbv		ND	3.7	1.4	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.27	ppbv		ND	2.1	0.71	ug/m3
67-66-3	119.4	Chloroform	0.75	0.80	0.15	ppbv	J	3.7	3.9	0.73	ug/m3
74-87-3	50.49	Chloromethane	0.43	0.80	0.36	ppbv	J	0.89	1.7	0.74	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.33	ppbv		ND	2.5	1.0	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.29	ppbv		ND	4.1	1.5	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.16	0.16	ppbv		ND	1.0	1.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.80	0.18	ppbv		ND	2.8	0.62	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.23	ppbv		ND	3.2	0.93	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.16	0.24	ppbv		ND	0.63	0.95	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.25	ppbv		ND	3.7	1.2	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.19	ppbv		ND	2.9	0.68	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.56	0.80	0.42	ppbv	J	2.8	4.0	2.1	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.40	0.49	ppbv		ND	3.4	4.2	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.16	0.12	ppbv		ND	0.63	0.48	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv		ND	3.6	1.1	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.40	0.11	ppbv		ND	2.4	0.66	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.16	0.28	ppbv		ND	0.96	1.7	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.40	0.32	ppbv		ND	2.4	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv		ND	3.6	1.8	ug/m3

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV002
Lab Sample ID: JE16257-8
Matrix: AIR - Soil Vapor Comp. Summa ID: A1842
Method: TO-15
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	7.0	2.0	1.6	ppbv		13	3.8	3.0	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
141-78-6	88	Ethyl Acetate	3.9	0.80	0.42	ppbv		14	2.9	1.5	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.80	0.38	ppbv		ND	3.9	1.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
76-14-2	170.9	Freon 114	ND	0.40	0.20	ppbv		ND	2.8	1.4	ug/m3
142-82-5	100.2	Heptane	ND	0.80	0.36	ppbv		ND	3.3	1.5	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.36	0.25	ppbv		ND	3.8	2.7	ug/m3
110-54-3	86.18	Hexane	0.64	0.80	0.21	ppbv	J	2.3	2.8	0.74	ug/m3
591-78-6	100	2-Hexanone	1.0	0.80	0.58	ppbv		4.1	3.3	2.4	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.95	0.80	0.56	ppbv		2.3	2.0	1.4	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.53	ppbv		ND	2.8	1.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	5.5	0.80	0.21	ppbv		16	2.4	0.62	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.29	ppbv		ND	3.3	1.2	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	1.2	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.28	ppbv		ND	3.3	1.1	ug/m3
115-07-1	42	Propylene	2.0	2.0	0.19	ppbv		3.4	3.4	0.33	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.21	ppbv		ND	3.4	0.89	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.40	0.31	ppbv		ND	2.2	1.7	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.40	0.19	ppbv		ND	2.7	1.3	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.40	0.48	ppbv		ND	3.0	3.6	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.80	0.35	ppbv		ND	3.9	1.7	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.80	0.32	ppbv		ND	3.9	1.6	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.16	ppbv		ND	3.7	0.75	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	29.9	0.80	0.37	ppbv		90.6	2.4	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	1.2	0.16	0.12	ppbv		8.1	1.1	0.81	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.36	ppbv		ND	2.4	1.1	ug/m3
108-88-3	92.14	Toluene	ND	0.80	0.23	ppbv		ND	3.0	0.87	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.076	ppbv		ND	0.86	0.41	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.47	0.40	0.23	ppbv		2.6	2.2	1.3	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.16	0.28	ppbv		ND	0.41	0.72	ug/m3
108-05-4	86	Vinyl Acetate	0.53	0.80	0.45	ppbv	J	1.9	2.8	1.6	ug/m3
	106.2	m,p-Xylene	ND	0.80	0.56	ppbv		ND	3.5	2.4	ug/m3
95-47-6	106.2	o-Xylene	ND	0.80	0.31	ppbv		ND	3.5	1.3	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.80	0.31	ppbv		ND	3.5	1.3	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV003
Lab Sample ID: JE16257-9
Matrix: AIR - Soil Vapor Comp. Summa ID: A2002
Method: TO-15
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W69518.D	1	08/06/25 00:13	TCH	n/a	n/a	V2W3163
Run #2	2W69550.D	1	08/06/25 23:48	TCH	n/a	n/a	V2W3164

	Initial Volume
Run #1	200 ml
Run #2	100 ml

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	74.3 [a]	0.80	0.58	ppbv		176 [a]	1.9	1.4	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.40	0.17	ppbv		ND	0.88	0.38	ug/m3
71-43-2	78.11	Benzene	ND	0.40	0.094	ppbv		ND	1.3	0.30	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.20	0.060	ppbv		ND	1.3	0.40	ug/m3
75-25-2	252.8	Bromoform	ND	0.080	0.14	ppbv		ND	0.83	1.4	ug/m3
74-83-9	94.94	Bromomethane	ND	0.40	0.14	ppbv		ND	1.6	0.54	ug/m3
593-60-2	106.9	Bromoethene	ND	0.40	0.12	ppbv		ND	1.7	0.52	ug/m3
100-44-7	126	Benzyl Chloride	ND	1.0	0.25	ppbv		ND	5.2	1.3	ug/m3
75-15-0	76.14	Carbon disulfide	ND	0.40	0.23	ppbv		ND	1.2	0.72	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.40	0.15	ppbv		ND	1.8	0.69	ug/m3
75-00-3	64.52	Chloroethane	ND	0.40	0.14	ppbv		ND	1.1	0.37	ug/m3
67-66-3	119.4	Chloroform	ND	0.40	0.074	ppbv		ND	2.0	0.36	ug/m3
74-87-3	50.49	Chloromethane	0.33	0.40	0.18	ppbv	J	0.68	0.83	0.37	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.40	0.17	ppbv		ND	1.3	0.53	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.40	0.14	ppbv		ND	2.1	0.72	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.080	0.080	ppbv		ND	0.50	0.50	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.40	0.090	ppbv		ND	1.4	0.31	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.40	0.11	ppbv		ND	1.6	0.45	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.080	0.12	ppbv		ND	0.32	0.48	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.20	0.060	ppbv		ND	1.5	0.46	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.40	0.14	ppbv		ND	1.6	0.57	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.40	0.12	ppbv		ND	1.8	0.55	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.40	0.096	ppbv		ND	1.4	0.35	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.43	0.40	0.21	ppbv		2.1	2.0	1.0	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.20	0.24	ppbv		ND	1.7	2.0	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.40	0.14	ppbv		ND	1.6	0.56	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.080	0.060	ppbv		ND	0.32	0.24	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.40	0.12	ppbv		ND	1.8	0.54	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.20	0.056	ppbv		ND	1.2	0.34	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.080	0.14	ppbv		ND	0.48	0.84	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.20	0.16	ppbv		ND	1.2	0.96	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.40	0.20	ppbv		ND	1.8	0.91	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SV003
Lab Sample ID: JE16257-9
Matrix: AIR - Soil Vapor Comp. Summa ID: A2002
Method: TO-15
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	4.8	1.0	0.79	ppbv		9.0	1.9	1.5	ug/m3
100-41-4	106.2	Ethylbenzene	ND	0.40	0.12	ppbv		ND	1.7	0.52	ug/m3
141-78-6	88	Ethyl Acetate	3.7	0.40	0.21	ppbv		13	1.4	0.76	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	0.40	0.19	ppbv		ND	2.0	0.93	ug/m3
76-13-1	187.4	Freon 113	ND	0.20	0.062	ppbv		ND	1.5	0.48	ug/m3
76-14-2	170.9	Freon 114	ND	0.20	0.10	ppbv		ND	1.4	0.70	ug/m3
142-82-5	100.2	Heptane	ND	0.40	0.18	ppbv		ND	1.6	0.74	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.18	0.12	ppbv		ND	1.9	1.3	ug/m3
110-54-3	86.18	Hexane	0.42	0.40	0.10	ppbv		1.5	1.4	0.35	ug/m3
591-78-6	100	2-Hexanone	0.51	0.40	0.29	ppbv		2.1	1.6	1.2	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.63	0.40	0.28	ppbv		1.5	0.98	0.69	ug/m3
75-09-2	84.94	Methylene chloride	0.47	0.40	0.27	ppbv		1.6	1.4	0.94	ug/m3
78-93-3	72.11	Methyl ethyl ketone	3.6	0.40	0.10	ppbv		11	1.2	0.29	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.40	0.15	ppbv		ND	1.6	0.61	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.40	0.16	ppbv		ND	1.4	0.58	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.40	0.14	ppbv		ND	1.6	0.57	ug/m3
115-07-1	42	Propylene	1.0	1.0	0.096	ppbv		1.7	1.7	0.16	ug/m3
100-42-5	104.1	Styrene	ND	0.40	0.11	ppbv		ND	1.7	0.47	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	0.28	0.20	0.16	ppbv		1.5	1.1	0.87	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.20	0.096	ppbv		ND	1.4	0.66	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.20	0.076	ppbv		ND	1.1	0.41	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.20	0.24	ppbv		ND	1.5	1.8	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.40	0.17	ppbv		ND	2.0	0.84	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.40	0.16	ppbv		ND	2.0	0.79	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.40	0.080	ppbv		ND	1.9	0.37	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	19.7	0.40	0.19	ppbv		59.7	1.2	0.58	ug/m3
127-18-4	165.8	Tetrachloroethylene	38.1	0.080	0.060	ppbv		258	0.54	0.41	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.40	0.18	ppbv		ND	1.2	0.53	ug/m3
108-88-3	92.14	Toluene	0.24	0.40	0.11	ppbv	J	0.90	1.5	0.41	ug/m3
79-01-6	131.4	Trichloroethylene	1.6	0.080	0.038	ppbv		8.6	0.43	0.20	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.25	0.20	0.11	ppbv		1.4	1.1	0.62	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.080	0.14	ppbv		ND	0.20	0.36	ug/m3
108-05-4	86	Vinyl Acetate	0.43	0.40	0.22	ppbv		1.5	1.4	0.77	ug/m3
	106.2	m,p-Xylene	ND	0.40	0.28	ppbv		ND	1.7	1.2	ug/m3
95-47-6	106.2	o-Xylene	ND	0.40	0.15	ppbv		ND	1.7	0.65	ug/m3
1330-20-7	106.2	Xylenes (total)	ND	0.40	0.15	ppbv		ND	1.7	0.65	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%	88%	65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV003		
Lab Sample ID:	JE16257-9	**Date Sampled:**	07/30/25
Matrix:	AIR - Soil Vapor Comp. Summa ID: A2002	**Date Received:**	07/30/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Technical Report for

PW Grosser Consulting

ALE2501 - 60 Alexander Street, Yonkers, NY

SGS Job Number: JE16257R

Sampling Date: 07/30/25

Report to:

PW Grosser Consulting
630 Johnson Avenue #7
Bohemia, NY 11716
zyoungman@pwgrosser.com; jenniferl@pwgrosser.com

ATTN: Zeb Youngman

Total number of pages in report: 12

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Victoria Pushkova 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Test results relate only to samples analyzed.

Sample Summary

PW Grosser Consulting

Job No: JE16257R

ALE2501 - 60 Alexander Street, Yonkers, NY

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND = Not detected above the MDL							
JE16257-1R	07/30/25	15:44	RD	07/30/25	AIR	Soil Vapor Comp.	SV001
JE16257-2R	07/30/25	15:47	RD	07/30/25	AIR	Ambient Air Comp.	OA001
JE16257-3R	07/30/25	15:52	RD	07/30/25	AIR	Soil Vapor Comp.	SSSV001
JE16257-4R	07/30/25	15:53	RD	07/30/25	AIR	Indoor Air Comp.	IA001
JE16257-5R	07/30/25	15:56	RD	07/30/25	AIR	Soil Vapor Comp.	SSSV002
JE16257-6R	07/30/25	16:00	RD	07/30/25	AIR	Soil Vapor Comp.	SSSV003
JE16257-7R	07/30/25	16:01	RD	07/30/25	AIR	Indoor Air Comp.	IA002
JE16257-8R	07/30/25	16:05	RD	07/30/25	AIR	Soil Vapor Comp.	SV002
JE16257-9R	07/30/25	16:08	RD	07/30/25	AIR	Soil Vapor Comp.	SV003

Report of Analysis

Client Sample ID:	SV001		
Lab Sample ID:	JE16257-1R	**Date Sampled:**	07/30/25
Matrix:	AIR - Soil Vapor Comp. Summa ID: M124	**Date Received:**	07/30/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W69520R.D	1	08/06/25 01:28	TCH	n/a	n/a	V2W3163
Run #2							

	Initial Volume
Run #1	25.0 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
91-20-3	128.17	Naphthalene	ND	3.2	2.0	ppbv		ND	17	10	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: OA001
Lab Sample ID: JE16257-2R
Matrix: AIR - Ambient Air Comp. Summa ID: M406
Method: TO-15
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W69514R.D	1	08/05/25 21:26	TCH	n/a	n/a	V2W3163
Run #2							

	Initial Volume
Run #1	500 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
91-20-3	128.17	Naphthalene	ND	0.16	0.10	ppbv		ND	0.84	0.52	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	87%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SSSV001
Lab Sample ID: JE16257-3R
Matrix: AIR - Soil Vapor Comp. Summa ID: A2003
Method: TO-15
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W69515R.D	1	08/05/25 22:10	TCH	n/a	n/a	V2W3163
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
91-20-3	128.17	Naphthalene	ND	0.20	0.13	ppbv		ND	1.0	0.68	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	84%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: IA001
Lab Sample ID: JE16257-4R
Matrix: AIR - Indoor Air Comp. Summa ID: A2076
Method: TO-15
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W69496R.D	1	08/05/25 07:17	BK	n/a	n/a	V2W3162
Run #2							

	Initial Volume
Run #1	500 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
91-20-3	128.17	Naphthalene	ND	0.16	0.10	ppbv		ND	0.84	0.52	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SSSV002		
Lab Sample ID:	JE16257-5R	**Date Sampled:**	07/30/25
Matrix:	AIR - Soil Vapor Comp. Summa ID: A2130	**Date Received:**	07/30/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W69517R.D	1	08/05/25 23:33	TCH	n/a	n/a	V2W3163
Run #2							

	Initial Volume
Run #1	200 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
91-20-3	128.17	Naphthalene	ND	0.40	0.25	ppbv		ND	2.1	1.3	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	83%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SSSV003
Lab Sample ID: JE16257-6R
Matrix: AIR - Soil Vapor Comp. Summa ID: A1800
Method: TO-15
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W69566R.D	1.38	08/07/25 15:06	TCH	n/a	n/a	V2W3165
Run #2							

	Initial Volume
Run #1	10.0 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
91-20-3	128.17	Naphthalene	9.5	11	7.0	ppbv	J	50	58	37	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	82%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: IA002
Lab Sample ID: JE16257-7R
Matrix: AIR - Indoor Air Comp. Summa ID: A883
Method: TO-15
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W69497R.D	1	08/05/25 08:03	BK	n/a	n/a	V2W3162
Run #2							

	Initial Volume
Run #1	500 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
91-20-3	128.17	Naphthalene	ND	0.16	0.10	ppbv		ND	0.84	0.52	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV002		
Lab Sample ID:	JE16257-8R	**Date Sampled:**	07/30/25
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1842	**Date Received:**	07/30/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W69519R.D	1	08/06/25 00:51	TCH	n/a	n/a	V2W3163
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
91-20-3	128.17	Naphthalene	ND	0.80	0.51	ppbv		ND	4.2	2.7	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SV003		
Lab Sample ID:	JE16257-9R	**Date Sampled:**	07/30/25
Matrix:	AIR - Soil Vapor Comp. Summa ID: A2002	**Date Received:**	07/30/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W69518R.D	1	08/06/25 00:13	TCH	n/a	n/a	V2W3163
Run #2							

	Initial Volume
Run #1	200 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
91-20-3	128.17	Naphthalene	ND	0.40	0.25	ppbv		ND	2.1	1.3	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Technical Report for

PW Grosser Consulting

ALE2501 - 60 Alexander Street, Yonkers, NY

ALE2501

SGS Job Number: JE16259

Sampling Date: 07/30/25

Report to:

PW Grosser Consulting
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Bohemia, NY 11716
zyoungman@pwgrosser.com; jenniferl@pwgrosser.com

ATTN: Zeb Youngman

Total number of pages in report: 128

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Olga Azarian
Technical Director

Client Service contact: Victoria Pushkova 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Sample Summary

PW Grosser Consulting

Job No: JE16259

ALE2501 - 60 Alexander Street, Yonkers, NY
Project No: ALE2501

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND = Not detected above the MDL							
JE16259-1	07/30/25	10:28	RD	07/30/25	AQ	Ground Water	MW001
JE16259-1A	07/30/25	10:28	RD	07/30/25	AQ	Ground Water	MW001
JE16259-2	07/30/25	09:28	RD	07/30/25	AQ	Ground Water	MW002
JE16259-2A	07/30/25	09:28	RD	07/30/25	AQ	Ground Water	MW002
JE16259-3	07/30/25	13:09	RD	07/30/25	AQ	Ground Water	MW003
JE16259-3A	07/30/25	13:09	RD	07/30/25	AQ	Ground Water	MW003
JE16259-4	07/30/25	11:20	RD	07/30/25	AQ	Ground Water	MW004
JE16259-4A	07/30/25	11:20	RD	07/30/25	AQ	Ground Water	MW004
JE16259-5	07/30/25	12:04	RD	07/30/25	AQ	Ground Water	MW005
JE16259-5A	07/30/25	12:04	RD	07/30/25	AQ	Ground Water	MW005
JE16259-5D	07/30/25	12:04	RD	07/30/25	AQ	Water Dup/MSD	MW005 MSD
JE16259-5DA	07/30/25	12:04	RD	07/30/25	AQ	Water Dup/MSD	MW005 MSD

Sample Summary
(continued)

PW Grosser Consulting

Job No: JE16259

ALE2501 - 60 Alexander Street, Yonkers, NY
Project No: ALE2501

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
JE16259-5S	07/30/25	12:04	RD	07/30/25	AQ	Water Matrix Spike	MW005 MS
JE16259-5SA	07/30/25	12:04	RD	07/30/25	AQ	Water Matrix Spike	MW005 MS
JE16259-6	07/30/25	16:04	RD	07/30/25	AQ	Ground Water	MW006
JE16259-6A	07/30/25	16:04	RD	07/30/25	AQ	Ground Water	MW006
JE16259-7	07/30/25	16:45	RD	07/30/25	AQ	Ground Water	MW007
JE16259-7A	07/30/25	16:45	RD	07/30/25	AQ	Ground Water	MW007
JE16259-8	07/30/25	13:53	RD	07/30/25	AQ	Ground Water	MW008
JE16259-8A	07/30/25	13:53	RD	07/30/25	AQ	Ground Water	MW008
JE16259-9	07/30/25	15:03	RD	07/30/25	AQ	Ground Water	MW009
JE16259-9A	07/30/25	15:03	RD	07/30/25	AQ	Ground Water	MW009
JE16259-10	07/30/25	00:00	RD	07/30/25	AQ	Ground Water	DUP001
JE16259-10A	07/30/25	00:00	RD	07/30/25	AQ	Ground Water	DUP001
JE16259-11	07/30/25	15:30	RD	07/30/25	AQ	Equipment Blank	EQUIPMENT BLANK

Sample Summary
(continued)

PW Grosser Consulting

Job No: JE16259

ALE2501 - 60 Alexander Street, Yonkers, NY
Project No: ALE2501

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
JE16259-11A	07/30/25	15:30	RD	07/30/25	AQ	Equipment Blank	EQUIPMENT BLANK
JE16259-12	07/30/25	16:45	RD	07/30/25	AQ	Trip Blank Water	TRIP BLANK

Report of Analysis

Client Sample ID: MW001
Lab Sample ID: JE16259-1
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2U78766.D	1	08/04/25 15:51	NW	n/a	n/a	V2U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	0.72	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	4.1	5.0	0.78	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW001		
Lab Sample ID:	JE16259-1	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	5.5	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	12.0	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	0.94	1.0	0.78	ug/l	J
95-47-6	o-Xylene	0.63	1.0	0.59	ug/l	J
1330-20-7	Xylene (total)	1.6	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-120%
17060-07-0	1,2-Dichloroethane-D4	99%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	101%		82-114%

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW001		
Lab Sample ID:	JE16259-1	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M204388.D	1	08/07/25 22:41	AC	08/05/25 09:15	OP65950	EM8847
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	4.0	0.37	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.0	0.53	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	0.52	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.0	0.67	ug/l	
51-28-5	2,4-Dinitrophenol	ND	4.0	1.9	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	4.0	1.5	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.47	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	4.0	0.40	ug/l	
100-02-7	4-Nitrophenol	ND	8.0	0.45	ug/l	
108-95-2	Phenol	ND	2.0	0.26	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	4.0	0.64	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.0	0.49	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.0	0.59	ug/l	
83-32-9	Acenaphthene	2.4	1.0	0.61	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.42	ug/l	
98-86-2	Acetophenone	ND	2.0	0.52	ug/l	
120-12-7	Anthracene	0.61	1.0	0.56	ug/l	J
1912-24-9	Atrazine	ND	2.0	0.72	ug/l	
100-52-7	Benzaldehyde	ND	4.0	0.44	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.64	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.55	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.86	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.59	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.43	ug/l	
106-47-8	4-Chloroaniline	ND	4.0	0.53	ug/l	
86-74-8	Carbazole	ND	1.0	0.58	ug/l	
105-60-2	Caprolactam [a]	ND	2.0	0.35	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.46	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.43	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.50	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.60	ug/l	

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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW001		
Lab Sample ID:	JE16259-1	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.56	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	1.1	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.18	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.0	0.73	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.53	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	1.6	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.58	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.55	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.3	ug/l	
206-44-0	Fluoranthene	1.9	1.0	0.58	ug/l	
86-73-7	Fluorene	1.6	1.0	0.59	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.35	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	8.0	0.98	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.55	ug/l	
78-59-1	Isophorone	ND	2.0	0.39	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.64	ug/l	
88-74-4	2-Nitroaniline	ND	4.0	0.62	ug/l	
99-09-2	3-Nitroaniline	ND	4.0	0.64	ug/l	
100-01-6	4-Nitroaniline	ND	4.0	0.75	ug/l	
91-20-3	Naphthalene	ND	1.0	0.44	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.42	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.65	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.0	0.42	ug/l	
85-01-8	Phenanthrene	1.8	1.0	0.48	ug/l	
129-00-0	Pyrene	1.4	1.0	0.50	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	39%		10-69%
4165-62-2	Phenol-d5	27%		10-47%
118-79-6	2,4,6-Tribromophenol	67%		17-144%
4165-60-0	Nitrobenzene-d5	59%		17-126%
321-60-8	2-Fluorobiphenyl	61%		23-124%
1718-51-0	Terphenyl-d14	64%		13-135%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW001
Lab Sample ID: JE16259-1
Matrix: AQ - Ground Water
Method: SW846 8270E BY SIM SW846 3510C
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13414.D	1	08/07/25 17:39	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	0.364	0.30	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	73%		29-124%
321-60-8	2-Fluorobiphenyl	64%		23-122%
1718-51-0	Terphenyl-d14	69%		22-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW001		
Lab Sample ID:	JE16259-1	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8081B SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G212071.D	1	08/06/25 13:23	CP	08/05/25 20:30	OP65953	G1G7667
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0080	0.0041	ug/l	
319-84-6	alpha-BHC	ND	0.0080	0.0042	ug/l	
319-85-7	beta-BHC	ND	0.0080	0.0064	ug/l	
319-86-8	delta-BHC	ND	0.0080	0.0053	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.0080	0.0048	ug/l	
5103-71-9	alpha-Chlordane	ND	0.0080	0.0039	ug/l	
5103-74-2	gamma-Chlordane	ND	0.0080	0.0034	ug/l	
60-57-1	Dieldrin	ND	0.0080	0.0061	ug/l	
72-54-8	4,4'-DDD	ND	0.0080	0.0046	ug/l	
72-55-9	4,4'-DDE	ND	0.0080	0.0040	ug/l	
50-29-3	4,4'-DDT	ND	0.0080	0.0055	ug/l	
72-20-8	Endrin	ND	0.0080	0.0048	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.0080	0.0044	ug/l	
7421-93-4	Endrin aldehyde	ND	0.0080	0.0054	ug/l	
53494-70-5	Endrin ketone	ND	0.0080	0.0050	ug/l	
959-98-8	Endosulfan-I	ND	0.0080	0.0042	ug/l	
33213-65-9	Endosulfan-II	ND	0.0080	0.0039	ug/l	
76-44-8	Heptachlor	ND	0.0080	0.0036	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.0080	0.0048	ug/l	
72-43-5	Methoxychlor	ND	0.016	0.0054	ug/l	
8001-35-2	Toxaphene	ND	0.20	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	67%		10-175%
877-09-8	Tetrachloro-m-xylene	55%		10-175%
2051-24-3	Decachlorobiphenyl	42%		10-128%
2051-24-3	Decachlorobiphenyl	39%		10-128%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW001		
Lab Sample ID:	JE16259-1	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8082A SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2523876.D	1	08/06/25 13:54	CP	08/05/25 20:30	OP65954	GXX8921
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.40	0.16	ug/l	
11104-28-2	Aroclor 1221	ND	0.40	0.34	ug/l	
11141-16-5	Aroclor 1232	ND	0.40	0.21	ug/l	
53469-21-9	Aroclor 1242	ND	0.40	0.37	ug/l	
12672-29-6	Aroclor 1248	ND	0.40	0.35	ug/l	
11097-69-1	Aroclor 1254	ND	0.40	0.33	ug/l	
11096-82-5	Aroclor 1260	ND	0.40	0.33	ug/l	
11100-14-4	Aroclor 1268	ND	0.40	0.14	ug/l	
37324-23-5	Aroclor 1262	ND	0.40	0.36	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	55%		10-169%
877-09-8	Tetrachloro-m-xylene	40%		10-169%
2051-24-3	Decachlorobiphenyl	28%		10-130%
2051-24-3	Decachlorobiphenyl	25%		10-130%

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Report of Analysis

Client Sample ID: MW001
Lab Sample ID: JE16259-1
Matrix: AQ - Ground Water
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Antimony	6.1	6.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Arsenic	< 3.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Barium	289	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Beryllium	< 1.0	1.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Cadmium	< 3.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Calcium	158000	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Cobalt	< 50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Copper	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Iron	29600	100	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Lead	5.6	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Magnesium	24900	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Manganese	719	15	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	08/05/25	08/05/25	CM	SW846 7470A [2]	SW846 7470A [4]
Nickel	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Potassium	< 10000	10000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Selenium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Silver	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Sodium	82300	10000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Thallium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Vanadium	< 50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Zinc	31.3	20	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA59082
(2) Instrument QC Batch: MA59085
(3) Prep QC Batch: MP56327
(4) Prep QC Batch: MP56362

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW001
Lab Sample ID: JE16259-1A
Matrix: AQ - Ground Water
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1895.D	1	08/05/25 23:00	AA	08/04/25 17:00	OP65982	T6Q149
Run #2							

	Initial Volume	Final Volume
Run #1	514 ml	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	0.0134	0.0078	0.00090	ug/l	
2706-90-3	Perfluoropentanoic acid	0.0157	0.0039	0.00071	ug/l	
307-24-4	Perfluorohexanoic acid	0.0134	0.0019	0.00028	ug/l	
375-85-9	Perfluoroheptanoic acid	0.0055	0.0019	0.00049	ug/l	
335-67-1	Perfluorooctanoic acid	0.0341	0.0019	0.00073	ug/l	
375-95-1	Perfluorononanoic acid	0.0010	0.0019	0.00039	ug/l	J
335-76-2	Perfluorodecanoic acid	ND	0.0019	0.00060	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.0019	0.00054	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.0019	0.00075	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.0019	0.00077	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.0019	0.00074	ug/l	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	0.0099	0.0019	0.00064	ug/l	
2706-91-4	Perfluoropentanesulfonic acid	0.0032	0.0019	0.00098	ug/l	
355-46-4	Perfluorohexanesulfonic acid	0.0114	0.0019	0.0011	ug/l	
375-92-8	Perfluoroheptanesulfonic acid	0.0029	0.0019	0.00095	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	0.0552	0.0019	0.00042	ug/l	
68259-12-1	Perfluorononanesulfonic acid	ND	0.0019	0.0014	ug/l	
335-77-3	Perfluorodecanesulfonic acid	ND	0.0019	0.0011	ug/l	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.0019	0.00039	ug/l	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.0078	0.0022	ug/l	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.0078	0.00089	ug/l	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.0078	0.0014	ug/l	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.0019	0.00067	ug/l	
31506-32-8	MeFOSA	ND	0.0019	0.00062	ug/l	
4151-50-2	EtFOSA	ND	0.0019	0.00052	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW001		
Lab Sample ID:	JE16259-1A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.0019	0.00050	ug/l	
2991-50-6	EtFOSAA	ND	0.0019	0.00089	ug/l	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	0.019	0.0027	ug/l	
1691-99-2	EtFOSE	ND	0.019	0.0036	ug/l	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.0078	0.0018	ug/l	
919005-14-4	ADONA	ND	0.0078	0.0012	ug/l	
377-73-1	PFMPA	ND	0.0039	0.00029	ug/l	
863090-89-5	PFMBA	ND	0.0039	0.00054	ug/l	
151772-58-6	NFDHA	ND	0.0039	0.0012	ug/l	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.0078	0.0024	ug/l	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.0078	0.0018	ug/l	
113507-82-7	PFEESA	ND	0.0039	0.00026	ug/l	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	0.0097	0.0024	ug/l	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	0.049	0.0069	ug/l	
812-70-4	7:3 Fluorotelomer carboxylate	ND	0.049	0.0060	ug/l	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	51%		5-130%
	13C5-PFPeA	75%		40-130%
	13C5-PFHxA	75%		40-130%
	13C4-PFHpA	73%		40-130%
	13C8-PFOA	76%		40-130%
	13C9-PFNA	72%		40-130%
	13C6-PFDA	74%		40-130%
	13C7-PFUnDA	76%		30-130%
	13C2-PFDoDA	68%		10-130%
	13C2-PFTeDA	55%		10-130%
	13C3-PFBS	75%		40-135%
	13C3-PFHxS	71%		40-130%

ND = Not detected MDL = Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW001		
Lab Sample ID:	JE16259-1A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	77%		40-130%
	13C8-FOSA	72%		40-130%
	d3-MeFOSA	53%		10-130%
	d5-EtFOSA	51%		10-130%
	d3-MeFOSAA	71%		40-170%
	d5-EtFOSAA	71%		25-135%
	d7-MeFOSE	55%		10-130%
	d9-EtFOSE	59%		10-130%
	13C2-4:2FTS	142%		40-200%
	13C2-6:2FTS	105%		40-200%
	13C2-8:2FTS	93%		40-300%
	13C3-HFPO-DA	73%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW002		
Lab Sample ID:	JE16259-2	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1U78767.D	1	08/04/25 16:05	NW	n/a	n/a	V1U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	4.0	10	3.1	ug/l	J
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane [a]	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	1.2	5.0	0.78	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropan [b]	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW002		
Lab Sample ID:	JE16259-2	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	3.6	5.0	0.60	ug/l	J
1634-04-4	Methyl Tert Butyl Ether	0.83	1.0	0.51	ug/l	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-120%
17060-07-0	1,2-Dichloroethane-D4	103%		80-120%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	100%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW002		
Lab Sample ID:	JE16259-2	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M204389.D	1	08/07/25 23:03	AC	08/05/25 09:15	OP65950	EM8847
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	4.0	0.37	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.0	0.53	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	0.52	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.0	0.67	ug/l	
51-28-5	2,4-Dinitrophenol	ND	4.0	1.9	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	4.0	1.5	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.47	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	4.0	0.40	ug/l	
100-02-7	4-Nitrophenol	ND	8.0	0.45	ug/l	
108-95-2	Phenol	ND	2.0	0.26	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	4.0	0.64	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.0	0.49	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.0	0.59	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.61	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.42	ug/l	
98-86-2	Acetophenone	ND	2.0	0.52	ug/l	
120-12-7	Anthracene	ND	1.0	0.56	ug/l	
1912-24-9	Atrazine	ND	2.0	0.72	ug/l	
100-52-7	Benzaldehyde	ND	4.0	0.44	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.64	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.55	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.86	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.59	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.43	ug/l	
106-47-8	4-Chloroaniline	ND	4.0	0.53	ug/l	
86-74-8	Carbazole	ND	1.0	0.58	ug/l	
105-60-2	Caprolactam [a]	ND	2.0	0.35	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.46	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.43	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.50	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.60	ug/l	

ND = Not detected MDL = Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW002		
Lab Sample ID:	JE16259-2	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.56	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	1.1	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.18	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.0	0.73	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.53	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	1.6	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.58	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.55	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.3	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.58	ug/l	
86-73-7	Fluorene	ND	1.0	0.59	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.35	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	8.0	0.98	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.55	ug/l	
78-59-1	Isophorone	ND	2.0	0.39	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.64	ug/l	
88-74-4	2-Nitroaniline	ND	4.0	0.62	ug/l	
99-09-2	3-Nitroaniline	ND	4.0	0.64	ug/l	
100-01-6	4-Nitroaniline	ND	4.0	0.75	ug/l	
91-20-3	Naphthalene	ND	1.0	0.44	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.42	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.65	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.0	0.42	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.48	ug/l	
129-00-0	Pyrene	ND	1.0	0.50	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	41%		10-69%
4165-62-2	Phenol-d5	30%		10-47%
118-79-6	2,4,6-Tribromophenol	71%		17-144%
4165-60-0	Nitrobenzene-d5	65%		17-126%
321-60-8	2-Fluorobiphenyl	64%		23-124%
1718-51-0	Terphenyl-d14	64%		13-135%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW002
Lab Sample ID: JE16259-2
Matrix: AQ - Ground Water
Method: SW846 8270E BY SIM SW846 3510C
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13415.D	1	08/07/25 18:01	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	0.30	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	71%		29-124%
321-60-8	2-Fluorobiphenyl	58%		23-122%
1718-51-0	Terphenyl-d14	70%		22-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW002
Lab Sample ID: JE16259-2
Matrix: AQ - Ground Water
Method: SW846 8081B SW846 3510C
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G212072.D	1	08/06/25 13:40	CP	08/05/25 20:30	OP65953	G1G7667
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0080	0.0041	ug/l	
319-84-6	alpha-BHC	ND	0.0080	0.0042	ug/l	
319-85-7	beta-BHC	ND	0.0080	0.0064	ug/l	
319-86-8	delta-BHC	ND	0.0080	0.0053	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.0080	0.0048	ug/l	
5103-71-9	alpha-Chlordane	ND	0.0080	0.0039	ug/l	
5103-74-2	gamma-Chlordane	ND	0.0080	0.0034	ug/l	
60-57-1	Dieldrin	ND	0.0080	0.0061	ug/l	
72-54-8	4,4'-DDD	ND	0.0080	0.0046	ug/l	
72-55-9	4,4'-DDE	ND	0.0080	0.0040	ug/l	
50-29-3	4,4'-DDT	ND	0.0080	0.0055	ug/l	
72-20-8	Endrin	ND	0.0080	0.0048	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.0080	0.0044	ug/l	
7421-93-4	Endrin aldehyde	ND	0.0080	0.0054	ug/l	
53494-70-5	Endrin ketone	ND	0.0080	0.0050	ug/l	
959-98-8	Endosulfan-I	ND	0.0080	0.0042	ug/l	
33213-65-9	Endosulfan-II	ND	0.0080	0.0039	ug/l	
76-44-8	Heptachlor	ND	0.0080	0.0036	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.0080	0.0048	ug/l	
72-43-5	Methoxychlor	ND	0.016	0.0054	ug/l	
8001-35-2	Toxaphene	ND	0.20	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	74%		10-175%
877-09-8	Tetrachloro-m-xylene	73%		10-175%
2051-24-3	Decachlorobiphenyl	42%		10-128%
2051-24-3	Decachlorobiphenyl	39%		10-128%

ND = Not detected MDL = Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW002		
Lab Sample ID:	JE16259-2	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8082A SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2523877.D	1	08/06/25 14:12	CP	08/05/25 20:30	OP65954	GXX8921
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.40	0.16	ug/l	
11104-28-2	Aroclor 1221	ND	0.40	0.34	ug/l	
11141-16-5	Aroclor 1232	ND	0.40	0.21	ug/l	
53469-21-9	Aroclor 1242	ND	0.40	0.37	ug/l	
12672-29-6	Aroclor 1248	ND	0.40	0.35	ug/l	
11097-69-1	Aroclor 1254	ND	0.40	0.33	ug/l	
11096-82-5	Aroclor 1260	ND	0.40	0.33	ug/l	
11100-14-4	Aroclor 1268	ND	0.40	0.14	ug/l	
37324-23-5	Aroclor 1262	ND	0.40	0.36	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	50%		10-169%
877-09-8	Tetrachloro-m-xylene	50%		10-169%
2051-24-3	Decachlorobiphenyl	28%		10-130%
2051-24-3	Decachlorobiphenyl	25%		10-130%

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Report of Analysis

Client Sample ID: MW002
Lab Sample ID: JE16259-2
Matrix: AQ - Ground Water
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	397	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Antimony	< 6.0	6.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Arsenic	3.7	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Barium	355	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Beryllium	< 1.0	1.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Cadmium	< 3.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Calcium	161000	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Cobalt	< 50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Copper	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Iron	39200	100	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Lead	19.9	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Magnesium	23400	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Manganese	903	15	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	08/05/25	08/05/25	CM	SW846 7470A [2]	SW846 7470A [4]
Nickel	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Potassium	< 10000	10000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Selenium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Silver	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Sodium	54900	10000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Thallium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Vanadium	< 50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Zinc	23.0	20	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA59082
(2) Instrument QC Batch: MA59085
(3) Prep QC Batch: MP56327
(4) Prep QC Batch: MP56362

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW002		
Lab Sample ID:	JE16259-2A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1896.D	1	08/05/25 23:13	AA	08/04/25 17:00	OP65982	T6Q149
Run #2							

	Initial Volume	Final Volume
Run #1	508 ml	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	0.0074	0.0079	0.00092	ug/l	J
2706-90-3	Perfluoropentanoic acid	0.0144	0.0039	0.00072	ug/l	
307-24-4	Perfluorohexanoic acid	0.0128	0.0020	0.00029	ug/l	
375-85-9	Perfluoroheptanoic acid	0.0028	0.0020	0.00049	ug/l	
335-67-1	Perfluorooctanoic acid	0.0207	0.0020	0.00074	ug/l	
375-95-1	Perfluorononanoic acid	0.00095	0.0020	0.00039	ug/l	J
335-76-2	Perfluorodecanoic acid	ND	0.0020	0.00061	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.0020	0.00054	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.0020	0.00076	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.0020	0.00078	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.0020	0.00075	ug/l	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	0.0058	0.0020	0.00065	ug/l	
2706-91-4	Perfluoropentanesulfonic acid	0.0031	0.0020	0.00099	ug/l	
355-46-4	Perfluorohexanesulfonic acid	0.0089	0.0020	0.0011	ug/l	
375-92-8	Perfluoroheptanesulfonic acid	0.0016	0.0020	0.00096	ug/l	J
1763-23-1	Perfluorooctanesulfonic acid	0.0225	0.0020	0.00042	ug/l	
68259-12-1	Perfluorononanesulfonic acid	ND	0.0020	0.0014	ug/l	
335-77-3	Perfluorodecanesulfonic acid	ND	0.0020	0.0011	ug/l	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.0020	0.00039	ug/l	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.0079	0.0022	ug/l	
27619-97-2	6:2 Fluorotelomer sulfonate	0.0040	0.0079	0.00090	ug/l	J
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.0079	0.0014	ug/l	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.0020	0.00068	ug/l	
31506-32-8	MeFOSA	ND	0.0020	0.00063	ug/l	
4151-50-2	EtFOSA	ND	0.0020	0.00052	ug/l	

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW002		
Lab Sample ID:	JE16259-2A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.0020	0.00050	ug/l	
2991-50-6	EtFOSAA	ND	0.0020	0.00090	ug/l	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	0.020	0.0027	ug/l	
1691-99-2	EtFOSE	ND	0.020	0.0037	ug/l	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.0079	0.0018	ug/l	
919005-14-4	ADONA	ND	0.0079	0.0012	ug/l	
377-73-1	PFMPA	ND	0.0039	0.00030	ug/l	
863090-89-5	PFMBA	ND	0.0039	0.00055	ug/l	
151772-58-6	NFDHA	ND	0.0039	0.0013	ug/l	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.0079	0.0024	ug/l	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.0079	0.0018	ug/l	
113507-82-7	PFEESA	ND	0.0039	0.00027	ug/l	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	0.0098	0.0024	ug/l	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	0.049	0.0070	ug/l	
812-70-4	7:3 Fluorotelomer carboxylate	ND	0.049	0.0061	ug/l	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	43%		5-130%
	13C5-PFPeA	76%		40-130%
	13C5-PFHxA	73%		40-130%
	13C4-PFHpA	76%		40-130%
	13C8-PFOA	74%		40-130%
	13C9-PFNA	74%		40-130%
	13C6-PFDA	73%		40-130%
	13C7-PFUnDA	70%		30-130%
	13C2-PFDoDA	66%		10-130%
	13C2-PFTeDA	62%		10-130%
	13C3-PFBS	70%		40-135%
	13C3-PFHxS	76%		40-130%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW002		
Lab Sample ID:	JE16259-2A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	71%		40-130%
	13C8-FOSA	66%		40-130%
	d3-MeFOSA	57%		10-130%
	d5-EtFOSA	58%		10-130%
	d3-MeFOSAA	68%		40-170%
	d5-EtFOSAA	68%		25-135%
	d7-MeFOSE	58%		10-130%
	d9-EtFOSE	58%		10-130%
	13C2-4:2FTS	169%		40-200%
	13C2-6:2FTS	133%		40-200%
	13C2-8:2FTS	105%		40-300%
	13C3-HFPO-DA	72%		40-130%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW003
Lab Sample ID: JE16259-3
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2U78768.D	1	08/04/25 16:20	NW	n/a	n/a	V2U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	0.76	1.0	0.57	ug/l	J
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	1.3	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW003		
Lab Sample ID:	JE16259-3	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	7.7	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	0.86	1.0	0.53	ug/l	J
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-120%
17060-07-0	1,2-Dichloroethane-D4	99%		80-120%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	98%		82-114%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW003		
Lab Sample ID:	JE16259-3	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M204390.D	1	08/07/25 23:25	AC	08/05/25 09:15	OP65950	EM8847
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	4.0	0.37	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.0	0.53	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	0.52	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.0	0.67	ug/l	
51-28-5	2,4-Dinitrophenol	ND	4.0	1.9	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	4.0	1.5	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.47	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	4.0	0.40	ug/l	
100-02-7	4-Nitrophenol	ND	8.0	0.45	ug/l	
108-95-2	Phenol	ND	2.0	0.26	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	4.0	0.64	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.0	0.49	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.0	0.59	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.61	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.42	ug/l	
98-86-2	Acetophenone	ND	2.0	0.52	ug/l	
120-12-7	Anthracene	ND	1.0	0.56	ug/l	
1912-24-9	Atrazine	ND	2.0	0.72	ug/l	
100-52-7	Benzaldehyde	ND	4.0	0.44	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.64	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.55	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.86	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.59	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.43	ug/l	
106-47-8	4-Chloroaniline	ND	4.0	0.53	ug/l	
86-74-8	Carbazole	ND	1.0	0.58	ug/l	
105-60-2	Caprolactam [a]	ND	2.0	0.35	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.46	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.43	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.50	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.60	ug/l	

ND = Not detected MDL = Method Detection Limit
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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW003		
Lab Sample ID:	JE16259-3	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.56	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	1.1	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.18	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.0	0.73	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.53	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	1.6	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.58	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.55	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.3	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.58	ug/l	
86-73-7	Fluorene	ND	1.0	0.59	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.35	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	8.0	0.98	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.55	ug/l	
78-59-1	Isophorone	ND	2.0	0.39	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.64	ug/l	
88-74-4	2-Nitroaniline	ND	4.0	0.62	ug/l	
99-09-2	3-Nitroaniline	ND	4.0	0.64	ug/l	
100-01-6	4-Nitroaniline	ND	4.0	0.75	ug/l	
91-20-3	Naphthalene	ND	1.0	0.44	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.42	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.65	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.0	0.42	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.48	ug/l	
129-00-0	Pyrene	ND	1.0	0.50	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	43%		10-69%
4165-62-2	Phenol-d5	30%		10-47%
118-79-6	2,4,6-Tribromophenol	67%		17-144%
4165-60-0	Nitrobenzene-d5	66%		17-126%
321-60-8	2-Fluorobiphenyl	67%		23-124%
1718-51-0	Terphenyl-d14	66%		13-135%

(a) Associated CCV outside of control limits high, sample was ND.

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Report of Analysis

Client Sample ID:	MW003		
Lab Sample ID:	JE16259-3	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13416.D	1	08/07/25 18:23	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	0.30	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	86%		29-124%
321-60-8	2-Fluorobiphenyl	67%		23-122%
1718-51-0	Terphenyl-d14	70%		22-130%

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Report of Analysis

Client Sample ID:	MW003		
Lab Sample ID:	JE16259-3	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8081B SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G212073.D	1	08/06/25 13:57	CP	08/05/25 20:30	OP65953	G1G7667
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0080	0.0041	ug/l	
319-84-6	alpha-BHC	ND	0.0080	0.0042	ug/l	
319-85-7	beta-BHC	ND	0.0080	0.0064	ug/l	
319-86-8	delta-BHC	ND	0.0080	0.0053	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.0080	0.0048	ug/l	
5103-71-9	alpha-Chlordane	ND	0.0080	0.0039	ug/l	
5103-74-2	gamma-Chlordane	ND	0.0080	0.0034	ug/l	
60-57-1	Dieldrin	ND	0.0080	0.0061	ug/l	
72-54-8	4,4'-DDD	ND	0.0080	0.0046	ug/l	
72-55-9	4,4'-DDE	ND	0.0080	0.0040	ug/l	
50-29-3	4,4'-DDT	ND	0.0080	0.0055	ug/l	
72-20-8	Endrin	ND	0.0080	0.0048	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.0080	0.0044	ug/l	
7421-93-4	Endrin aldehyde	ND	0.0080	0.0054	ug/l	
53494-70-5	Endrin ketone	ND	0.0080	0.0050	ug/l	
959-98-8	Endosulfan-I	ND	0.0080	0.0042	ug/l	
33213-65-9	Endosulfan-II	ND	0.0080	0.0039	ug/l	
76-44-8	Heptachlor	ND	0.0080	0.0036	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.0080	0.0048	ug/l	
72-43-5	Methoxychlor	ND	0.016	0.0054	ug/l	
8001-35-2	Toxaphene	ND	0.20	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	71%		10-175%
877-09-8	Tetrachloro-m-xylene	69%		10-175%
2051-24-3	Decachlorobiphenyl	68%		10-128%
2051-24-3	Decachlorobiphenyl	66%		10-128%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW003		
Lab Sample ID:	JE16259-3	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8082A SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2523878.D	1	08/06/25 14:31	CP	08/05/25 20:30	OP65954	GXX8921
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.40	0.16	ug/l	
11104-28-2	Aroclor 1221	ND	0.40	0.34	ug/l	
11141-16-5	Aroclor 1232	ND	0.40	0.21	ug/l	
53469-21-9	Aroclor 1242	ND	0.40	0.37	ug/l	
12672-29-6	Aroclor 1248	ND	0.40	0.35	ug/l	
11097-69-1	Aroclor 1254	ND	0.40	0.33	ug/l	
11096-82-5	Aroclor 1260	ND	0.40	0.33	ug/l	
11100-14-4	Aroclor 1268	ND	0.40	0.14	ug/l	
37324-23-5	Aroclor 1262	ND	0.40	0.36	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	67%		10-169%
877-09-8	Tetrachloro-m-xylene	62%		10-169%
2051-24-3	Decachlorobiphenyl	55%		10-130%
2051-24-3	Decachlorobiphenyl	49%		10-130%

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Report of Analysis

Client Sample ID: MW003
Lab Sample ID: JE16259-3
Matrix: AQ - Ground Water
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Antimony	< 6.0	6.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Arsenic	< 3.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Barium	< 200	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Beryllium	< 1.0	1.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Cadmium	< 3.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Calcium	76900	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Cobalt	< 50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Copper	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Iron	5290	100	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Lead	6.1	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Magnesium	11500	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Manganese	179	15	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	08/05/25	08/05/25	CM	SW846 7470A [2]	SW846 7470A [4]
Nickel	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Potassium	< 10000	10000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Selenium	10.2	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Silver	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Sodium	46900	10000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Thallium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Vanadium	< 50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Zinc	50.2	20	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA59082
(2) Instrument QC Batch: MA59085
(3) Prep QC Batch: MP56327
(4) Prep QC Batch: MP56362

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW003		
Lab Sample ID:	JE16259-3A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1897.D	1	08/05/25 23:27	AA	08/04/25 17:00	OP65982	T6Q149
Run #2							

	Initial Volume	Final Volume
Run #1	508 ml	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	0.0061	0.0079	0.00092	ug/l	J
2706-90-3	Perfluoropentanoic acid	0.0056	0.0039	0.00072	ug/l	
307-24-4	Perfluorohexanoic acid	0.0050	0.0020	0.00029	ug/l	
375-85-9	Perfluoroheptanoic acid	0.0021	0.0020	0.00049	ug/l	
335-67-1	Perfluorooctanoic acid	0.0109	0.0020	0.00074	ug/l	
375-95-1	Perfluorononanoic acid	0.00075	0.0020	0.00039	ug/l	J
335-76-2	Perfluorodecanoic acid	ND	0.0020	0.00061	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.0020	0.00054	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.0020	0.00076	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.0020	0.00078	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.0020	0.00075	ug/l	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	0.0029	0.0020	0.00065	ug/l	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.0020	0.00099	ug/l	
355-46-4	Perfluorohexanesulfonic acid	ND	0.0020	0.0011	ug/l	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.0020	0.00096	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	0.0066	0.0020	0.00042	ug/l	
68259-12-1	Perfluorononanesulfonic acid	ND	0.0020	0.0014	ug/l	
335-77-3	Perfluorodecanesulfonic acid	ND	0.0020	0.0011	ug/l	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.0020	0.00039	ug/l	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.0079	0.0022	ug/l	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.0079	0.00090	ug/l	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.0079	0.0014	ug/l	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.0020	0.00068	ug/l	
31506-32-8	MeFOSA	ND	0.0020	0.00063	ug/l	
4151-50-2	EtFOSA	ND	0.0020	0.00052	ug/l	

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Report of Analysis

Client Sample ID:	MW003		
Lab Sample ID:	JE16259-3A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.0020	0.00050	ug/l	
2991-50-6	EtFOSAA	ND	0.0020	0.00090	ug/l	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	0.020	0.0027	ug/l	
1691-99-2	EtFOSE	ND	0.020	0.0037	ug/l	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.0079	0.0018	ug/l	
919005-14-4	ADONA	ND	0.0079	0.0012	ug/l	
377-73-1	PFMPA	ND	0.0039	0.00030	ug/l	
863090-89-5	PFMBA	ND	0.0039	0.00055	ug/l	
151772-58-6	NFDHA	ND	0.0039	0.0013	ug/l	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.0079	0.0024	ug/l	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.0079	0.0018	ug/l	
113507-82-7	PFEESA	ND	0.0039	0.00027	ug/l	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	0.0098	0.0024	ug/l	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	0.049	0.0070	ug/l	
812-70-4	7:3 Fluorotelomer carboxylate	ND	0.049	0.0061	ug/l	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	70%		5-130%
	13C5-PFPeA	74%		40-130%
	13C5-PFHxA	70%		40-130%
	13C4-PFHpA	73%		40-130%
	13C8-PFOA	73%		40-130%
	13C9-PFNA	73%		40-130%
	13C6-PFDA	76%		40-130%
	13C7-PFUnDA	78%		30-130%
	13C2-PFDoDA	67%		10-130%
	13C2-PFTeDA	61%		10-130%
	13C3-PFBS	75%		40-135%
	13C3-PFHxS	80%		40-130%

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Report of Analysis

Client Sample ID:	MW003		
Lab Sample ID:	JE16259-3A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	79%		40-130%
	13C8-FOSA	73%		40-130%
	d3-MeFOSA	53%		10-130%
	d5-EtFOSA	55%		10-130%
	d3-MeFOSAA	76%		40-170%
	d5-EtFOSAA	72%		25-135%
	d7-MeFOSE	61%		10-130%
	d9-EtFOSE	62%		10-130%
	13C2-4:2FTS	90%		40-200%
	13C2-6:2FTS	87%		40-200%
	13C2-8:2FTS	83%		40-300%
	13C3-HFPO-DA	71%		40-130%

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW004		
Lab Sample ID:	JE16259-4	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1U78777.D	1	08/04/25 18:34	NW	n/a	n/a	V1U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane [a]	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW004		
Lab Sample ID:	JE16259-4	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-120%
17060-07-0	1,2-Dichloroethane-D4	101%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	98%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW004
Lab Sample ID: JE16259-4
Matrix: AQ - Ground Water
Method: SW846 8270E SW846 3510C
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M204391.D	1	08/07/25 23:47	AC	08/05/25 09:15	OP65950	EM8847
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	4.0	0.37	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.0	0.53	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	0.52	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.0	0.67	ug/l	
51-28-5	2,4-Dinitrophenol	ND	4.0	1.9	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	4.0	1.5	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.47	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	4.0	0.40	ug/l	
100-02-7	4-Nitrophenol	ND	8.0	0.45	ug/l	
108-95-2	Phenol	ND	2.0	0.26	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	4.0	0.64	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.0	0.49	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.0	0.59	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.61	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.42	ug/l	
98-86-2	Acetophenone	ND	2.0	0.52	ug/l	
120-12-7	Anthracene	ND	1.0	0.56	ug/l	
1912-24-9	Atrazine	ND	2.0	0.72	ug/l	
100-52-7	Benzaldehyde	ND	4.0	0.44	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.64	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.55	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.86	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.59	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.43	ug/l	
106-47-8	4-Chloroaniline	ND	4.0	0.53	ug/l	
86-74-8	Carbazole	ND	1.0	0.58	ug/l	
105-60-2	Caprolactam [a]	ND	2.0	0.35	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.46	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.43	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.50	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.60	ug/l	

ND = Not detected MDL = Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW004		
Lab Sample ID:	JE16259-4	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.56	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	1.1	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.18	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.0	0.73	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.53	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	1.6	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.58	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.55	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.3	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.58	ug/l	
86-73-7	Fluorene	ND	1.0	0.59	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.35	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	8.0	0.98	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.55	ug/l	
78-59-1	Isophorone	ND	2.0	0.39	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.64	ug/l	
88-74-4	2-Nitroaniline	ND	4.0	0.62	ug/l	
99-09-2	3-Nitroaniline	ND	4.0	0.64	ug/l	
100-01-6	4-Nitroaniline	ND	4.0	0.75	ug/l	
91-20-3	Naphthalene	ND	1.0	0.44	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.42	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.65	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.0	0.42	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.48	ug/l	
129-00-0	Pyrene	ND	1.0	0.50	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	33%		10-69%
4165-62-2	Phenol-d5	22%		10-47%
118-79-6	2,4,6-Tribromophenol	58%		17-144%
4165-60-0	Nitrobenzene-d5	55%		17-126%
321-60-8	2-Fluorobiphenyl	54%		23-124%
1718-51-0	Terphenyl-d14	54%		13-135%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW004
Lab Sample ID: JE16259-4
Matrix: AQ - Ground Water
Method: SW846 8270E BY SIM SW846 3510C
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13417.D	1	08/07/25 18:45	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	1.67	0.30	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	75%		29-124%
321-60-8	2-Fluorobiphenyl	58%		23-122%
1718-51-0	Terphenyl-d14	58%		22-130%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW004		
Lab Sample ID:	JE16259-4	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8081B SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G212074.D	1	08/06/25 14:14	CP	08/05/25 20:30	OP65953	G1G7667
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0080	0.0041	ug/l	
319-84-6	alpha-BHC	ND	0.0080	0.0042	ug/l	
319-85-7	beta-BHC	ND	0.0080	0.0064	ug/l	
319-86-8	delta-BHC	ND	0.0080	0.0053	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.0080	0.0048	ug/l	
5103-71-9	alpha-Chlordane	ND	0.0080	0.0039	ug/l	
5103-74-2	gamma-Chlordane	ND	0.0080	0.0034	ug/l	
60-57-1	Dieldrin	ND	0.0080	0.0061	ug/l	
72-54-8	4,4'-DDD	ND	0.0080	0.0046	ug/l	
72-55-9	4,4'-DDE	ND	0.0080	0.0040	ug/l	
50-29-3	4,4'-DDT [a]	0.019	0.0080	0.0055	ug/l	
72-20-8	Endrin	ND	0.0080	0.0048	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.0080	0.0044	ug/l	
7421-93-4	Endrin aldehyde	ND	0.0080	0.0054	ug/l	
53494-70-5	Endrin ketone	ND	0.0080	0.0050	ug/l	
959-98-8	Endosulfan-I	ND	0.0080	0.0042	ug/l	
33213-65-9	Endosulfan-II	ND	0.0080	0.0039	ug/l	
76-44-8	Heptachlor	ND	0.0080	0.0036	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.0080	0.0048	ug/l	
72-43-5	Methoxychlor	ND	0.016	0.0054	ug/l	
8001-35-2	Toxaphene	ND	0.20	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	67%		10-175%
877-09-8	Tetrachloro-m-xylene	67%		10-175%
2051-24-3	Decachlorobiphenyl	40%		10-128%
2051-24-3	Decachlorobiphenyl	39%		10-128%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW004		
Lab Sample ID:	JE16259-4	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8082A SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2523879.D	1	08/06/25 14:50	CP	08/05/25 20:30	OP65954	GXX8921
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.40	0.16	ug/l	
11104-28-2	Aroclor 1221	ND	0.40	0.34	ug/l	
11141-16-5	Aroclor 1232	ND	0.40	0.21	ug/l	
53469-21-9	Aroclor 1242	ND	0.40	0.37	ug/l	
12672-29-6	Aroclor 1248	ND	0.40	0.35	ug/l	
11097-69-1	Aroclor 1254	ND	0.40	0.33	ug/l	
11096-82-5	Aroclor 1260	ND	0.40	0.33	ug/l	
11100-14-4	Aroclor 1268	ND	0.40	0.14	ug/l	
37324-23-5	Aroclor 1262	ND	0.40	0.36	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	63%		10-169%
877-09-8	Tetrachloro-m-xylene	55%		10-169%
2051-24-3	Decachlorobiphenyl	32%		10-130%
2051-24-3	Decachlorobiphenyl	29%		10-130%

ND = Not detected MDL = Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW004
Lab Sample ID: JE16259-4
Matrix: AQ - Ground Water
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	203	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Antimony	< 6.0	6.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Arsenic	< 3.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Barium	< 200	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Beryllium	< 1.0	1.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Cadmium	< 3.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Calcium	102000	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Cobalt	< 50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Copper	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Iron	20400	100	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Lead	8.3	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Magnesium	19500	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Manganese	1070	15	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	08/05/25	08/05/25	CM	SW846 7470A [2]	SW846 7470A [4]
Nickel	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Potassium	10900	10000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Selenium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Silver	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Sodium	75800	10000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Thallium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Vanadium	< 50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Zinc	< 20	20	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA59082
(2) Instrument QC Batch: MA59085
(3) Prep QC Batch: MP56327
(4) Prep QC Batch: MP56362

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW004		
Lab Sample ID:	JE16259-4A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1900.D	1	08/06/25 00:06	AA	08/04/25 17:00	OP65982	T6Q149
Run #2							

	Initial Volume	Final Volume
Run #1	506 ml	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	0.0068	0.0079	0.00092	ug/l	J
2706-90-3	Perfluoropentanoic acid	0.0072	0.0040	0.00072	ug/l	
307-24-4	Perfluorohexanoic acid	0.0064	0.0020	0.00029	ug/l	
375-85-9	Perfluoroheptanoic acid	0.0035	0.0020	0.00049	ug/l	
335-67-1	Perfluorooctanoic acid	0.0252	0.0020	0.00074	ug/l	
375-95-1	Perfluorononanoic acid	0.0013	0.0020	0.00040	ug/l	J
335-76-2	Perfluorodecanoic acid	ND	0.0020	0.00061	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.0020	0.00054	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.0020	0.00076	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.0020	0.00078	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.0020	0.00075	ug/l	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	0.0020	0.0020	0.00065	ug/l	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.0020	0.0010	ug/l	
355-46-4	Perfluorohexanesulfonic acid	0.0017	0.0020	0.0011	ug/l	J
375-92-8	Perfluoroheptanesulfonic acid	ND	0.0020	0.00097	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	0.0063	0.0020	0.00042	ug/l	
68259-12-1	Perfluorononanesulfonic acid	ND	0.0020	0.0014	ug/l	
335-77-3	Perfluorodecanesulfonic acid	ND	0.0020	0.0011	ug/l	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.0020	0.00040	ug/l	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.0079	0.0022	ug/l	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.0079	0.00090	ug/l	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.0079	0.0014	ug/l	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.0020	0.00068	ug/l	
31506-32-8	MeFOSA	ND	0.0020	0.00063	ug/l	
4151-50-2	EtFOSA	ND	0.0020	0.00052	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW004		
Lab Sample ID:	JE16259-4A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.0020	0.00050	ug/l	
2991-50-6	EtFOSAA	ND	0.0020	0.00090	ug/l	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	0.020	0.0027	ug/l	
1691-99-2	EtFOSE	ND	0.020	0.0037	ug/l	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.0079	0.0018	ug/l	
919005-14-4	ADONA	ND	0.0079	0.0012	ug/l	
377-73-1	PFMPA	ND	0.0040	0.00030	ug/l	
863090-89-5	PFMBA	ND	0.0040	0.00055	ug/l	
151772-58-6	NFDHA	ND	0.0040	0.0013	ug/l	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.0079	0.0024	ug/l	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.0079	0.0018	ug/l	
113507-82-7	PFEESA	ND	0.0040	0.00027	ug/l	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	0.0099	0.0024	ug/l	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	0.049	0.0070	ug/l	
812-70-4	7:3 Fluorotelomer carboxylate	ND	0.049	0.0061	ug/l	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	49%		5-130%
	13C5-PFPeA	76%		40-130%
	13C5-PFHxA	75%		40-130%
	13C4-PFHpA	77%		40-130%
	13C8-PFOA	77%		40-130%
	13C9-PFNA	74%		40-130%
	13C6-PFDA	76%		40-130%
	13C7-PFUnDA	76%		30-130%
	13C2-PFDoDA	62%		10-130%
	13C2-PFTeDA	61%		10-130%
	13C3-PFBS	76%		40-135%
	13C3-PFHxS	77%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW004		
Lab Sample ID:	JE16259-4A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	76%		40-130%
	13C8-FOSA	72%		40-130%
	d3-MeFOSA	60%		10-130%
	d5-EtFOSA	60%		10-130%
	d3-MeFOSAA	73%		40-170%
	d5-EtFOSAA	72%		25-135%
	d7-MeFOSE	63%		10-130%
	d9-EtFOSE	63%		10-130%
	13C2-4:2FTS	177%		40-200%
	13C2-6:2FTS	107%		40-200%
	13C2-8:2FTS	92%		40-300%
	13C3-HFPO-DA	75%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2U78752.D	1	08/04/25 12:14	NW	n/a	n/a	V2U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	6.1	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	17.3	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	20.6	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	36.5	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	0.61	1.0	0.49	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	1.2	1.0	0.78	ug/l	
95-47-6	o-Xylene	0.80	1.0	0.59	ug/l	J
1330-20-7	Xylene (total)	2.0	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		80-120%
17060-07-0	1,2-Dichloroethane-D4	99%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-114%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW005
Lab Sample ID: JE16259-5
Matrix: AQ - Ground Water
Method: SW846 8270E SW846 3510C
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2M142616.D	1	08/07/25 22:22	AO	08/05/25 09:15	OP65950	E2M6461
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	4.0	0.37	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.0	0.53	ug/l	
120-83-2	2,4-Dichlorophenol [a]	ND	2.0	0.52	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.0	0.67	ug/l	
51-28-5	2,4-Dinitrophenol	ND	4.0	1.9	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	4.0	1.5	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.47	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol [a]	ND	4.0	0.40	ug/l	
100-02-7	4-Nitrophenol	ND	8.0	0.45	ug/l	
108-95-2	Phenol	ND	2.0	0.26	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	4.0	0.64	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.0	0.49	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.0	0.59	ug/l	
83-32-9	Acenaphthene	0.89	1.0	0.61	ug/l	J
208-96-8	Acenaphthylene	ND	1.0	0.42	ug/l	
98-86-2	Acetophenone	ND	2.0	0.52	ug/l	
120-12-7	Anthracene	ND	1.0	0.56	ug/l	
1912-24-9	Atrazine	ND	2.0	0.72	ug/l	
100-52-7	Benzaldehyde	ND	4.0	0.44	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.64	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.55	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.86	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.59	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.43	ug/l	
106-47-8	4-Chloroaniline	ND	4.0	0.53	ug/l	
86-74-8	Carbazole	ND	1.0	0.58	ug/l	
105-60-2	Caprolactam	ND	2.0	0.35	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.46	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.43	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.50	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.60	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.56	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	1.1	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.18	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.0	0.73	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.53	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	1.6	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.58	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.55	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate [a]	ND	2.0	1.3	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.58	ug/l	
86-73-7	Fluorene	ND	1.0	0.59	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.35	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	8.0	0.98	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.55	ug/l	
78-59-1	Isophorone	ND	2.0	0.39	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.64	ug/l	
88-74-4	2-Nitroaniline	ND	4.0	0.62	ug/l	
99-09-2	3-Nitroaniline	ND	4.0	0.64	ug/l	
100-01-6	4-Nitroaniline	ND	4.0	0.75	ug/l	
91-20-3	Naphthalene	ND	1.0	0.44	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.42	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.65	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.0	0.42	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.48	ug/l	
129-00-0	Pyrene	ND	1.0	0.50	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	46%		10-69%
4165-62-2	Phenol-d5	33%		10-47%
118-79-6	2,4,6-Tribromophenol	99%		17-144%
4165-60-0	Nitrobenzene-d5	86%		17-126%
321-60-8	2-Fluorobiphenyl	70%		23-124%
1718-51-0	Terphenyl-d14	59%		13-135%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13418.D	1	08/07/25 19:07	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	0.201	0.30	0.20	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	75%		29-124%
321-60-8	2-Fluorobiphenyl	63%		23-122%
1718-51-0	Terphenyl-d14	54%		22-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8081B SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G212075.D	1	08/06/25 14:31	CP	08/05/25 20:30	OP65953	G1G7667
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0080	0.0041	ug/l	
319-84-6	alpha-BHC	ND	0.0080	0.0042	ug/l	
319-85-7	beta-BHC	ND	0.0080	0.0064	ug/l	
319-86-8	delta-BHC	ND	0.0080	0.0053	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.0080	0.0048	ug/l	
5103-71-9	alpha-Chlordane	ND	0.0080	0.0039	ug/l	
5103-74-2	gamma-Chlordane	ND	0.0080	0.0034	ug/l	
60-57-1	Dieldrin	ND	0.0080	0.0061	ug/l	
72-54-8	4,4'-DDD	ND	0.0080	0.0046	ug/l	
72-55-9	4,4'-DDE	ND	0.0080	0.0040	ug/l	
50-29-3	4,4'-DDT	ND	0.0080	0.0055	ug/l	
72-20-8	Endrin	ND	0.0080	0.0048	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.0080	0.0044	ug/l	
7421-93-4	Endrin aldehyde	ND	0.0080	0.0054	ug/l	
53494-70-5	Endrin ketone	ND	0.0080	0.0050	ug/l	
959-98-8	Endosulfan-I	ND	0.0080	0.0042	ug/l	
33213-65-9	Endosulfan-II	ND	0.0080	0.0039	ug/l	
76-44-8	Heptachlor	ND	0.0080	0.0036	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.0080	0.0048	ug/l	
72-43-5	Methoxychlor	ND	0.016	0.0054	ug/l	
8001-35-2	Toxaphene	ND	0.20	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	35%		10-175%
877-09-8	Tetrachloro-m-xylene	33%		10-175%
2051-24-3	Decachlorobiphenyl	59%		10-128%
2051-24-3	Decachlorobiphenyl	56%		10-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8082A SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2523875.D	1	08/06/25 13:35	CP	08/05/25 20:30	OP65954	GXX8921
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.40	0.16	ug/l	
11104-28-2	Aroclor 1221	ND	0.40	0.34	ug/l	
11141-16-5	Aroclor 1232	ND	0.40	0.21	ug/l	
53469-21-9	Aroclor 1242	ND	0.40	0.37	ug/l	
12672-29-6	Aroclor 1248	ND	0.40	0.35	ug/l	
11097-69-1	Aroclor 1254	ND	0.40	0.33	ug/l	
11096-82-5	Aroclor 1260	ND	0.40	0.33	ug/l	
11100-14-4	Aroclor 1268	ND	0.40	0.14	ug/l	
37324-23-5	Aroclor 1262	ND	0.40	0.36	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	26%		10-169%
877-09-8	Tetrachloro-m-xylene	24%		10-169%
2051-24-3	Decachlorobiphenyl	43%		10-130%
2051-24-3	Decachlorobiphenyl	39%		10-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW005
Lab Sample ID: JE16259-5
Matrix: AQ - Ground Water
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Antimony	6.2	6.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Arsenic	< 3.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Barium	< 200	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Beryllium	< 1.0	1.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Cadmium	< 3.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Calcium	134000	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Cobalt	< 50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Copper	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Iron	17900	100	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Lead	9.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Magnesium	20400	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Manganese	745	15	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	08/05/25	08/05/25	CM	SW846 7470A [2]	SW846 7470A [4]
Nickel	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Potassium	12200	10000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Selenium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Silver	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Sodium	77400	10000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Thallium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Vanadium	< 50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Zinc	< 20	20	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA59082
(2) Instrument QC Batch: MA59085
(3) Prep QC Batch: MP56327
(4) Prep QC Batch: MP56362

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW005
Lab Sample ID: JE16259-5A
Matrix: AQ - Ground Water
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1901.D	1	08/06/25 00:20	AA	08/04/25 17:00	OP65982	T6Q149
Run #2							

	Initial Volume	Final Volume
Run #1	513 ml	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	0.0181	0.0078	0.00091	ug/l	
2706-90-3	Perfluoropentanoic acid	0.0142	0.0039	0.00071	ug/l	
307-24-4	Perfluorohexanoic acid	0.0095	0.0019	0.00028	ug/l	
375-85-9	Perfluoroheptanoic acid	0.0046	0.0019	0.00049	ug/l	
335-67-1	Perfluorooctanoic acid	0.0297	0.0019	0.00073	ug/l	
375-95-1	Perfluorononanoic acid	0.0030	0.0019	0.00039	ug/l	
335-76-2	Perfluorodecanoic acid	0.00060	0.0019	0.00060	ug/l	J
2058-94-8	Perfluoroundecanoic acid	ND	0.0019	0.00054	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.0019	0.00075	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.0019	0.00077	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.0019	0.00074	ug/l	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	0.0048	0.0019	0.00064	ug/l	
2706-91-4	Perfluoropentanesulfonic acid	0.0011	0.0019	0.00098	ug/l	J
355-46-4	Perfluorohexanesulfonic acid	0.0051	0.0019	0.0011	ug/l	
375-92-8	Perfluoroheptanesulfonic acid	0.0015	0.0019	0.00096	ug/l	J
1763-23-1	Perfluorooctanesulfonic acid	0.222	0.0019	0.00042	ug/l	
68259-12-1	Perfluorononanesulfonic acid	ND	0.0019	0.0014	ug/l	
335-77-3	Perfluorodecanesulfonic acid	ND	0.0019	0.0011	ug/l	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.0019	0.00039	ug/l	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.0078	0.0022	ug/l	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.0078	0.00089	ug/l	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.0078	0.0014	ug/l	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	0.0015	0.0019	0.00067	ug/l	J
31506-32-8	MeFOSA	ND	0.0019	0.00062	ug/l	
4151-50-2	EtFOSA	ND	0.0019	0.00052	ug/l	

ND = Not detected MDL = Method Detection Limit
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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.0019	0.00050	ug/l	
2991-50-6	EtFOSAA	0.0034	0.0019	0.00089	ug/l	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	0.019	0.0027	ug/l	
1691-99-2	EtFOSE	ND	0.019	0.0037	ug/l	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.0078	0.0018	ug/l	
919005-14-4	ADONA	ND	0.0078	0.0012	ug/l	
377-73-1	PFMPA	ND	0.0039	0.00029	ug/l	
863090-89-5	PFMBA	ND	0.0039	0.00055	ug/l	
151772-58-6	NFDHA	ND	0.0039	0.0012	ug/l	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.0078	0.0024	ug/l	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.0078	0.0018	ug/l	
113507-82-7	PFEESA	ND	0.0039	0.00026	ug/l	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	0.0097	0.0024	ug/l	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	0.049	0.0069	ug/l	
812-70-4	7:3 Fluorotelomer carboxylate	ND	0.049	0.0060	ug/l	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	33%		5-130%
	13C5-PFPeA	72%		40-130%
	13C5-PFHxA	70%		40-130%
	13C4-PFHpA	72%		40-130%
	13C8-PFOA	70%		40-130%
	13C9-PFNA	77%		40-130%
	13C6-PFDA	68%		40-130%
	13C7-PFUnDA	68%		30-130%
	13C2-PFDoDA	66%		10-130%
	13C2-PFTeDA	54%		10-130%
	13C3-PFBS	70%		40-135%
	13C3-PFHxS	66%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	71%		40-130%
	13C8-FOSA	71%		40-130%
	d3-MeFOSA	59%		10-130%
	d5-EtFOSA	58%		10-130%
	d3-MeFOSAA	72%		40-170%
	d5-EtFOSAA	72%		25-135%
	d7-MeFOSE	56%		10-130%
	d9-EtFOSE	59%		10-130%
	13C2-4:2FTS	155%		40-200%
	13C2-6:2FTS	133%		40-200%
	13C2-8:2FTS	95%		40-300%
	13C3-HFPO-DA	69%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW006		
Lab Sample ID:	JE16259-6	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2U78778.D	1	08/04/25 18:49	NW	n/a	n/a	V2U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW006		
Lab Sample ID:	JE16259-6	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	1.7	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-120%
17060-07-0	1,2-Dichloroethane-D4	99%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	98%		82-114%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW006		
Lab Sample ID:	JE16259-6	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M204392.D	1	08/08/25 00:10	AC	08/05/25 09:15	OP65950	EM8847
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	4.0	0.37	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.0	0.53	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	0.52	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.0	0.67	ug/l	
51-28-5	2,4-Dinitrophenol	ND	4.0	1.9	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	4.0	1.5	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.47	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	4.0	0.40	ug/l	
100-02-7	4-Nitrophenol	ND	8.0	0.45	ug/l	
108-95-2	Phenol	ND	2.0	0.26	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	4.0	0.64	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.0	0.49	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.0	0.59	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.61	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.42	ug/l	
98-86-2	Acetophenone	ND	2.0	0.52	ug/l	
120-12-7	Anthracene	ND	1.0	0.56	ug/l	
1912-24-9	Atrazine	ND	2.0	0.72	ug/l	
100-52-7	Benzaldehyde	ND	4.0	0.44	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.64	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.55	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.86	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.59	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.43	ug/l	
106-47-8	4-Chloroaniline	ND	4.0	0.53	ug/l	
86-74-8	Carbazole	ND	1.0	0.58	ug/l	
105-60-2	Caprolactam [a]	ND	2.0	0.35	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.46	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.43	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.50	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.60	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW006		
Lab Sample ID:	JE16259-6	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.56	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	1.1	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.18	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.0	0.73	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.53	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	1.6	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.58	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.55	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.3	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.58	ug/l	
86-73-7	Fluorene	ND	1.0	0.59	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.35	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	8.0	0.98	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.55	ug/l	
78-59-1	Isophorone	ND	2.0	0.39	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.64	ug/l	
88-74-4	2-Nitroaniline	ND	4.0	0.62	ug/l	
99-09-2	3-Nitroaniline	ND	4.0	0.64	ug/l	
100-01-6	4-Nitroaniline	ND	4.0	0.75	ug/l	
91-20-3	Naphthalene	ND	1.0	0.44	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.42	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.65	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.0	0.42	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.48	ug/l	
129-00-0	Pyrene	ND	1.0	0.50	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	33%		10-69%
4165-62-2	Phenol-d5	22%		10-47%
118-79-6	2,4,6-Tribromophenol	64%		17-144%
4165-60-0	Nitrobenzene-d5	62%		17-126%
321-60-8	2-Fluorobiphenyl	60%		23-124%
1718-51-0	Terphenyl-d14	54%		13-135%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW006		
Lab Sample ID:	JE16259-6	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13419.D	1	08/07/25 19:29	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	0.509	0.30	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	81%		29-124%
321-60-8	2-Fluorobiphenyl	66%		23-122%
1718-51-0	Terphenyl-d14	59%		22-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW006
Lab Sample ID: JE16259-6
Matrix: AQ - Ground Water
Method: SW846 8081B SW846 3510C
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G212076.D	1	08/06/25 14:48	CP	08/05/25 20:30	OP65953	G1G7667
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0080	0.0041	ug/l	
319-84-6	alpha-BHC	ND	0.0080	0.0042	ug/l	
319-85-7	beta-BHC	ND	0.0080	0.0064	ug/l	
319-86-8	delta-BHC	ND	0.0080	0.0053	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.0080	0.0048	ug/l	
5103-71-9	alpha-Chlordane	ND	0.0080	0.0039	ug/l	
5103-74-2	gamma-Chlordane	ND	0.0080	0.0034	ug/l	
60-57-1	Dieldrin	ND	0.0080	0.0061	ug/l	
72-54-8	4,4'-DDD	ND	0.0080	0.0046	ug/l	
72-55-9	4,4'-DDE	ND	0.0080	0.0040	ug/l	
50-29-3	4,4'-DDT	ND	0.0080	0.0055	ug/l	
72-20-8	Endrin	ND	0.0080	0.0048	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.0080	0.0044	ug/l	
7421-93-4	Endrin aldehyde	ND	0.0080	0.0054	ug/l	
53494-70-5	Endrin ketone	ND	0.0080	0.0050	ug/l	
959-98-8	Endosulfan-I	ND	0.0080	0.0042	ug/l	
33213-65-9	Endosulfan-II	ND	0.0080	0.0039	ug/l	
76-44-8	Heptachlor	ND	0.0080	0.0036	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.0080	0.0048	ug/l	
72-43-5	Methoxychlor	ND	0.016	0.0054	ug/l	
8001-35-2	Toxaphene	ND	0.20	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	72%		10-175%
877-09-8	Tetrachloro-m-xylene	69%		10-175%
2051-24-3	Decachlorobiphenyl	48%		10-128%
2051-24-3	Decachlorobiphenyl	45%		10-128%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW006		
Lab Sample ID:	JE16259-6	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8082A SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2523880.D	1	08/06/25 15:09	CP	08/05/25 20:30	OP65954	GXX8921
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.40	0.16	ug/l	
11104-28-2	Aroclor 1221	ND	0.40	0.34	ug/l	
11141-16-5	Aroclor 1232	ND	0.40	0.21	ug/l	
53469-21-9	Aroclor 1242	ND	0.40	0.37	ug/l	
12672-29-6	Aroclor 1248	ND	0.40	0.35	ug/l	
11097-69-1	Aroclor 1254	ND	0.40	0.33	ug/l	
11096-82-5	Aroclor 1260	ND	0.40	0.33	ug/l	
11100-14-4	Aroclor 1268	ND	0.40	0.14	ug/l	
37324-23-5	Aroclor 1262	ND	0.40	0.36	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	64%		10-169%
877-09-8	Tetrachloro-m-xylene	62%		10-169%
2051-24-3	Decachlorobiphenyl	39%		10-130%
2051-24-3	Decachlorobiphenyl	36%		10-130%

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RL = Reporting Limit
E = Indicates value exceeds calibration range

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW006
Lab Sample ID: JE16259-6
Matrix: AQ - Ground Water
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	218	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Antimony	< 6.0	6.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Arsenic	4.9	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Barium	< 200	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Beryllium	< 1.0	1.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Cadmium	< 3.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Calcium	67200	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Cobalt	< 50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Copper	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Iron	15700	100	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Lead	10.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Magnesium	9500	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Manganese	362	15	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Mercury	0.26	0.20	ug/l	1	08/05/25	08/05/25	CM	SW846 7470A [2]	SW846 7470A [4]
Nickel	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Potassium	< 10000	10000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Selenium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Silver	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Sodium	33200	10000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Thallium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Vanadium	< 50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Zinc	< 20	20	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA59082
(2) Instrument QC Batch: MA59085
(3) Prep QC Batch: MP56327
(4) Prep QC Batch: MP56362

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW006		
Lab Sample ID:	JE16259-6A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1902.D	1	08/06/25 00:33	AA	08/04/25 17:00	OP65982	T6Q149
Run #2							

	Initial Volume	Final Volume
Run #1	507 ml	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	0.0049	0.0079	0.00092	ug/l	J
2706-90-3	Perfluoropentanoic acid	0.0031	0.0039	0.00072	ug/l	J
307-24-4	Perfluorohexanoic acid	0.0021	0.0020	0.00029	ug/l	
375-85-9	Perfluoroheptanoic acid	0.0017	0.0020	0.00049	ug/l	J
335-67-1	Perfluorooctanoic acid	0.0085	0.0020	0.00074	ug/l	
375-95-1	Perfluorononanoic acid	ND	0.0020	0.00039	ug/l	
335-76-2	Perfluorodecanoic acid	ND	0.0020	0.00061	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.0020	0.00054	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.0020	0.00076	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.0020	0.00078	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.0020	0.00075	ug/l	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	0.0054	0.0020	0.00065	ug/l	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.0020	0.0010	ug/l	
355-46-4	Perfluorohexanesulfonic acid	0.0020	0.0020	0.0011	ug/l	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.0020	0.00097	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	0.0061	0.0020	0.00042	ug/l	
68259-12-1	Perfluorononanesulfonic acid	ND	0.0020	0.0014	ug/l	
335-77-3	Perfluorodecanesulfonic acid	ND	0.0020	0.0011	ug/l	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.0020	0.00039	ug/l	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.0079	0.0022	ug/l	
27619-97-2	6:2 Fluorotelomer sulfonate	0.0023	0.0079	0.00090	ug/l	J
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.0079	0.0014	ug/l	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.0020	0.00068	ug/l	
31506-32-8	MeFOSA	ND	0.0020	0.00063	ug/l	
4151-50-2	EtFOSA	ND	0.0020	0.00052	ug/l	

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW006		
Lab Sample ID:	JE16259-6A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.0020	0.00050	ug/l	
2991-50-6	EtFOSAA	ND	0.0020	0.00090	ug/l	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	0.020	0.0027	ug/l	
1691-99-2	EtFOSE	ND	0.020	0.0037	ug/l	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.0079	0.0018	ug/l	
919005-14-4	ADONA	ND	0.0079	0.0012	ug/l	
377-73-1	PFMPA	ND	0.0039	0.00030	ug/l	
863090-89-5	PFMBA	ND	0.0039	0.00055	ug/l	
151772-58-6	NFDHA	ND	0.0039	0.0013	ug/l	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.0079	0.0024	ug/l	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.0079	0.0018	ug/l	
113507-82-7	PFEESA	ND	0.0039	0.00027	ug/l	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	0.0099	0.0024	ug/l	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	0.049	0.0070	ug/l	
812-70-4	7:3 Fluorotelomer carboxylate	ND	0.049	0.0061	ug/l	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	63%		5-130%
	13C5-PFPeA	74%		40-130%
	13C5-PFHxA	71%		40-130%
	13C4-PFHpA	70%		40-130%
	13C8-PFOA	70%		40-130%
	13C9-PFNA	75%		40-130%
	13C6-PFDA	71%		40-130%
	13C7-PFUnDA	70%		30-130%
	13C2-PFDoDA	63%		10-130%
	13C2-PFTeDA	53%		10-130%
	13C3-PFBS	69%		40-135%
	13C3-PFHxS	71%		40-130%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW006		
Lab Sample ID:	JE16259-6A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	75%		40-130%
	13C8-FOSA	70%		40-130%
	d3-MeFOSA	58%		10-130%
	d5-EtFOSA	54%		10-130%
	d3-MeFOSAA	75%		40-170%
	d5-EtFOSAA	63%		25-135%
	d7-MeFOSE	57%		10-130%
	d9-EtFOSE	53%		10-130%
	13C2-4:2FTS	159%		40-200%
	13C2-6:2FTS	120%		40-200%
	13C2-8:2FTS	92%		40-300%
	13C3-HFPO-DA	70%		40-130%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW007		
Lab Sample ID:	JE16259-7	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1U78779.D	1	08/04/25 19:04	NW	n/a	n/a	V1U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane [a]	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW007		
Lab Sample ID:	JE16259-7	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-120%
17060-07-0	1,2-Dichloroethane-D4	100%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW007		
Lab Sample ID:	JE16259-7	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M204393.D	1	08/08/25 00:32	AC	08/05/25 09:15	OP65950	EM8847
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	4.0	0.37	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.0	0.53	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	0.52	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.0	0.67	ug/l	
51-28-5	2,4-Dinitrophenol	ND	4.0	1.9	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	4.0	1.5	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.47	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	4.0	0.40	ug/l	
100-02-7	4-Nitrophenol	ND	8.0	0.45	ug/l	
108-95-2	Phenol	ND	2.0	0.26	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	4.0	0.64	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.0	0.49	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.0	0.59	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.61	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.42	ug/l	
98-86-2	Acetophenone	ND	2.0	0.52	ug/l	
120-12-7	Anthracene	ND	1.0	0.56	ug/l	
1912-24-9	Atrazine	ND	2.0	0.72	ug/l	
100-52-7	Benzaldehyde	ND	4.0	0.44	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.64	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.55	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.86	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.59	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.43	ug/l	
106-47-8	4-Chloroaniline	ND	4.0	0.53	ug/l	
86-74-8	Carbazole	ND	1.0	0.58	ug/l	
105-60-2	Caprolactam [a]	ND	2.0	0.35	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.46	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.43	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.50	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.60	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW007		
Lab Sample ID:	JE16259-7	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.56	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	1.1	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.18	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.0	0.73	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.53	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	1.6	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.58	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.55	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.3	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.58	ug/l	
86-73-7	Fluorene	ND	1.0	0.59	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.35	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	8.0	0.98	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.55	ug/l	
78-59-1	Isophorone	ND	2.0	0.39	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.64	ug/l	
88-74-4	2-Nitroaniline	ND	4.0	0.62	ug/l	
99-09-2	3-Nitroaniline	ND	4.0	0.64	ug/l	
100-01-6	4-Nitroaniline	ND	4.0	0.75	ug/l	
91-20-3	Naphthalene	ND	1.0	0.44	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.42	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.65	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.0	0.42	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.48	ug/l	
129-00-0	Pyrene	ND	1.0	0.50	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	28%		10-69%
4165-62-2	Phenol-d5	19%		10-47%
118-79-6	2,4,6-Tribromophenol	51%		17-144%
4165-60-0	Nitrobenzene-d5	50%		17-126%
321-60-8	2-Fluorobiphenyl	50%		23-124%
1718-51-0	Terphenyl-d14	46%		13-135%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
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E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW007		
Lab Sample ID:	JE16259-7	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13420.D	1	08/07/25 19:51	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	0.635	0.30	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	63%		29-124%
321-60-8	2-Fluorobiphenyl	53%		23-122%
1718-51-0	Terphenyl-d14	50%		22-130%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW007
Lab Sample ID: JE16259-7
Matrix: AQ - Ground Water
Method: SW846 8081B SW846 3510C
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G212077.D	1	08/06/25 15:06	CP	08/05/25 20:30	OP65953	G1G7667
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0080	0.0041	ug/l	
319-84-6	alpha-BHC	ND	0.0080	0.0042	ug/l	
319-85-7	beta-BHC	ND	0.0080	0.0064	ug/l	
319-86-8	delta-BHC	ND	0.0080	0.0053	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.0080	0.0048	ug/l	
5103-71-9	alpha-Chlordane	ND	0.0080	0.0039	ug/l	
5103-74-2	gamma-Chlordane	ND	0.0080	0.0034	ug/l	
60-57-1	Dieldrin	ND	0.0080	0.0061	ug/l	
72-54-8	4,4'-DDD	ND	0.0080	0.0046	ug/l	
72-55-9	4,4'-DDE	ND	0.0080	0.0040	ug/l	
50-29-3	4,4'-DDT	ND	0.0080	0.0055	ug/l	
72-20-8	Endrin	ND	0.0080	0.0048	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.0080	0.0044	ug/l	
7421-93-4	Endrin aldehyde	ND	0.0080	0.0054	ug/l	
53494-70-5	Endrin ketone	ND	0.0080	0.0050	ug/l	
959-98-8	Endosulfan-I	ND	0.0080	0.0042	ug/l	
33213-65-9	Endosulfan-II	ND	0.0080	0.0039	ug/l	
76-44-8	Heptachlor	ND	0.0080	0.0036	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.0080	0.0048	ug/l	
72-43-5	Methoxychlor	ND	0.016	0.0054	ug/l	
8001-35-2	Toxaphene	ND	0.20	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	64%		10-175%
877-09-8	Tetrachloro-m-xylene	63%		10-175%
2051-24-3	Decachlorobiphenyl	44%		10-128%
2051-24-3	Decachlorobiphenyl	42%		10-128%

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW007		
Lab Sample ID:	JE16259-7	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8082A SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2523881.D	1	08/06/25 15:27	CP	08/05/25 20:30	OP65954	GXX8921
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.40	0.16	ug/l	
11104-28-2	Aroclor 1221	ND	0.40	0.34	ug/l	
11141-16-5	Aroclor 1232	ND	0.40	0.21	ug/l	
53469-21-9	Aroclor 1242	ND	0.40	0.37	ug/l	
12672-29-6	Aroclor 1248	ND	0.40	0.35	ug/l	
11097-69-1	Aroclor 1254	ND	0.40	0.33	ug/l	
11096-82-5	Aroclor 1260	ND	0.40	0.33	ug/l	
11100-14-4	Aroclor 1268	ND	0.40	0.14	ug/l	
37324-23-5	Aroclor 1262	ND	0.40	0.36	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	53%		10-169%
877-09-8	Tetrachloro-m-xylene	48%		10-169%
2051-24-3	Decachlorobiphenyl	32%		10-130%
2051-24-3	Decachlorobiphenyl	30%		10-130%

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RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW007
Lab Sample ID: JE16259-7
Matrix: AQ - Ground Water
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Antimony	< 6.0	6.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Arsenic	< 3.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Barium	< 200	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Beryllium	< 1.0	1.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Cadmium	< 3.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Calcium	111000	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Cobalt	< 50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Copper	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Iron	11500	100	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Lead	5.8	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Magnesium	19300	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Manganese	814	15	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	08/05/25	08/05/25	CM	SW846 7470A [2]	SW846 7470A [4]
Nickel	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Potassium	10300	10000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Selenium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Silver	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Sodium	32500	10000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Thallium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Vanadium	< 50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Zinc	< 20	20	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA59082
(2) Instrument QC Batch: MA59085
(3) Prep QC Batch: MP56327
(4) Prep QC Batch: MP56362

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW007		
Lab Sample ID:	JE16259-7A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1903.D	1	08/06/25 00:46	AA	08/04/25 17:00	OP65982	T6Q149
Run #2							

	Initial Volume	Final Volume
Run #1	525 ml	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	0.0066	0.0076	0.00089	ug/l	J
2706-90-3	Perfluoropentanoic acid	0.0041	0.0038	0.00070	ug/l	
307-24-4	Perfluorohexanoic acid	0.0037	0.0019	0.00028	ug/l	
375-85-9	Perfluoroheptanoic acid	0.0031	0.0019	0.00048	ug/l	
335-67-1	Perfluorooctanoic acid	0.0193	0.0019	0.00071	ug/l	
375-95-1	Perfluorononanoic acid	0.00068	0.0019	0.00038	ug/l	J
335-76-2	Perfluorodecanoic acid	ND	0.0019	0.00059	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.0019	0.00052	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.0019	0.00073	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.0019	0.00075	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.0019	0.00072	ug/l	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	0.0030	0.0019	0.00063	ug/l	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.0019	0.00096	ug/l	
355-46-4	Perfluorohexanesulfonic acid	0.0015	0.0019	0.0011	ug/l	J
375-92-8	Perfluoroheptanesulfonic acid	ND	0.0019	0.00093	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	0.0090	0.0019	0.00041	ug/l	
68259-12-1	Perfluorononanesulfonic acid	ND	0.0019	0.0014	ug/l	
335-77-3	Perfluorodecanesulfonic acid	ND	0.0019	0.0010	ug/l	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.0019	0.00038	ug/l	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.0076	0.0021	ug/l	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.0076	0.00087	ug/l	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.0076	0.0014	ug/l	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.0019	0.00066	ug/l	
31506-32-8	MeFOSA	ND	0.0019	0.00061	ug/l	
4151-50-2	EtFOSA	ND	0.0019	0.00050	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW007		
Lab Sample ID:	JE16259-7A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.0019	0.00049	ug/l	
2991-50-6	EtFOSAA	ND	0.0019	0.00087	ug/l	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	0.019	0.0026	ug/l	
1691-99-2	EtFOSE	ND	0.019	0.0036	ug/l	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.0076	0.0017	ug/l	
919005-14-4	ADONA	ND	0.0076	0.0012	ug/l	
377-73-1	PFMPA	ND	0.0038	0.00029	ug/l	
863090-89-5	PFMBA	ND	0.0038	0.00053	ug/l	
151772-58-6	NFDHA	ND	0.0038	0.0012	ug/l	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.0076	0.0023	ug/l	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.0076	0.0017	ug/l	
113507-82-7	PFEESA	ND	0.0038	0.00026	ug/l	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	0.0095	0.0023	ug/l	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	0.048	0.0068	ug/l	
812-70-4	7:3 Fluorotelomer carboxylate	ND	0.048	0.0059	ug/l	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	56%		5-130%
	13C5-PFPeA	81%		40-130%
	13C5-PFHxA	78%		40-130%
	13C4-PFHpA	81%		40-130%
	13C8-PFOA	76%		40-130%
	13C9-PFNA	79%		40-130%
	13C6-PFDA	76%		40-130%
	13C7-PFUnDA	74%		30-130%
	13C2-PFDoDA	63%		10-130%
	13C2-PFTeDA	56%		10-130%
	13C3-PFBS	83%		40-135%
	13C3-PFHxS	85%		40-130%

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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW007		
Lab Sample ID:	JE16259-7A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	84%		40-130%
	13C8-FOSA	75%		40-130%
	d3-MeFOSA	61%		10-130%
	d5-EtFOSA	56%		10-130%
	d3-MeFOSAA	74%		40-170%
	d5-EtFOSAA	71%		25-135%
	d7-MeFOSE	54%		10-130%
	d9-EtFOSE	58%		10-130%
	13C2-4:2FTS	147%		40-200%
	13C2-6:2FTS	114%		40-200%
	13C2-8:2FTS	96%		40-300%
	13C3-HFPO-DA	78%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW008
Lab Sample ID: JE16259-8
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2U78780.D	1	08/04/25 19:19	NW	n/a	n/a	V2U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	0.72	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	2.6	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	7.3	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW008		
Lab Sample ID:	JE16259-8	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	9.4	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	14.5	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	1.5	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-120%
17060-07-0	1,2-Dichloroethane-D4	98%		80-120%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	100%		82-114%

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Report of Analysis

Client Sample ID: MW008
Lab Sample ID: JE16259-8
Matrix: AQ - Ground Water
Method: SW846 8270E SW846 3510C
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M204394.D	1	08/08/25 00:55	AC	08/05/25 09:15	OP65950	EM8847
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	4.0	0.37	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.0	0.53	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	0.52	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.0	0.67	ug/l	
51-28-5	2,4-Dinitrophenol	ND	4.0	1.9	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	4.0	1.5	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.47	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	4.0	0.40	ug/l	
100-02-7	4-Nitrophenol	ND	8.0	0.45	ug/l	
108-95-2	Phenol	ND	2.0	0.26	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	4.0	0.64	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.0	0.49	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.0	0.59	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.61	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.42	ug/l	
98-86-2	Acetophenone	ND	2.0	0.52	ug/l	
120-12-7	Anthracene	ND	1.0	0.56	ug/l	
1912-24-9	Atrazine	ND	2.0	0.72	ug/l	
100-52-7	Benzaldehyde	ND	4.0	0.44	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.64	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.55	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.86	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.59	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.43	ug/l	
106-47-8	4-Chloroaniline	ND	4.0	0.53	ug/l	
86-74-8	Carbazole	ND	1.0	0.58	ug/l	
105-60-2	Caprolactam [a]	ND	2.0	0.35	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.46	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.43	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.50	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.60	ug/l	

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW008		
Lab Sample ID:	JE16259-8	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.56	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	1.1	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.18	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.0	0.73	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.53	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	1.6	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.58	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.55	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.3	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.58	ug/l	
86-73-7	Fluorene	ND	1.0	0.59	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.35	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	8.0	0.98	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.55	ug/l	
78-59-1	Isophorone	ND	2.0	0.39	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.64	ug/l	
88-74-4	2-Nitroaniline	ND	4.0	0.62	ug/l	
99-09-2	3-Nitroaniline	ND	4.0	0.64	ug/l	
100-01-6	4-Nitroaniline	ND	4.0	0.75	ug/l	
91-20-3	Naphthalene	ND	1.0	0.44	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.42	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.65	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.0	0.42	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.48	ug/l	
129-00-0	Pyrene	ND	1.0	0.50	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	77% [b]		10-69%
4165-62-2	Phenol-d5	57% [b]		10-47%
118-79-6	2,4,6-Tribromophenol	134%		17-144%
4165-60-0	Nitrobenzene-d5	112%		17-126%
321-60-8	2-Fluorobiphenyl	113%		23-124%
1718-51-0	Terphenyl-d14	101%		13-135%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Outside of control limits, but within reasonable method recovery limits.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW008		
Lab Sample ID:	JE16259-8	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13421.D	1	08/07/25 20:13	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	1.08	0.30	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	143% [a]		29-124%
321-60-8	2-Fluorobiphenyl	112%		23-122%
1718-51-0	Terphenyl-d14	106%		22-130%

(a) Outside control limits.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW008
Lab Sample ID: JE16259-8
Matrix: AQ - Ground Water
Method: SW846 8081B SW846 3510C
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G212078.D	1	08/06/25 15:23	CP	08/05/25 20:30	OP65953	G1G7667
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0080	0.0041	ug/l	
319-84-6	alpha-BHC	ND	0.0080	0.0042	ug/l	
319-85-7	beta-BHC	ND	0.0080	0.0064	ug/l	
319-86-8	delta-BHC	ND	0.0080	0.0053	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.0080	0.0048	ug/l	
5103-71-9	alpha-Chlordane	ND	0.0080	0.0039	ug/l	
5103-74-2	gamma-Chlordane	ND	0.0080	0.0034	ug/l	
60-57-1	Dieldrin	ND	0.0080	0.0061	ug/l	
72-54-8	4,4'-DDD	ND	0.0080	0.0046	ug/l	
72-55-9	4,4'-DDE	ND	0.0080	0.0040	ug/l	
50-29-3	4,4'-DDT	ND	0.0080	0.0055	ug/l	
72-20-8	Endrin	ND	0.0080	0.0048	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.0080	0.0044	ug/l	
7421-93-4	Endrin aldehyde	ND	0.0080	0.0054	ug/l	
53494-70-5	Endrin ketone	ND	0.0080	0.0050	ug/l	
959-98-8	Endosulfan-I	ND	0.0080	0.0042	ug/l	
33213-65-9	Endosulfan-II	ND	0.0080	0.0039	ug/l	
76-44-8	Heptachlor	ND	0.0080	0.0036	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.0080	0.0048	ug/l	
72-43-5	Methoxychlor	ND	0.016	0.0054	ug/l	
8001-35-2	Toxaphene	ND	0.20	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	68%		10-175%
877-09-8	Tetrachloro-m-xylene	64%		10-175%
2051-24-3	Decachlorobiphenyl	54%		10-128%
2051-24-3	Decachlorobiphenyl	53%		10-128%

ND = Not detected MDL = Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW008		
Lab Sample ID:	JE16259-8	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8082A SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2523882.D	1	08/06/25 15:46	CP	08/05/25 20:30	OP65954	GXX8921
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.40	0.16	ug/l	
11104-28-2	Aroclor 1221	ND	0.40	0.34	ug/l	
11141-16-5	Aroclor 1232	ND	0.40	0.21	ug/l	
53469-21-9	Aroclor 1242	ND	0.40	0.37	ug/l	
12672-29-6	Aroclor 1248	ND	0.40	0.35	ug/l	
11097-69-1	Aroclor 1254	ND	0.40	0.33	ug/l	
11096-82-5	Aroclor 1260	ND	0.40	0.33	ug/l	
11100-14-4	Aroclor 1268	ND	0.40	0.14	ug/l	
37324-23-5	Aroclor 1262	ND	0.40	0.36	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	49%		10-169%
877-09-8	Tetrachloro-m-xylene	40%		10-169%
2051-24-3	Decachlorobiphenyl	37%		10-130%
2051-24-3	Decachlorobiphenyl	33%		10-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW008
Lab Sample ID: JE16259-8
Matrix: AQ - Ground Water
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Antimony	< 6.0	6.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Arsenic	< 3.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Barium	< 200	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Beryllium	< 1.0	1.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Cadmium	< 3.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Calcium	108000	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Cobalt	< 50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Copper	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Iron	18200	100	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Lead	5.4	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Magnesium	17400	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Manganese	807	15	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	08/05/25	08/05/25	CM	SW846 7470A [2]	SW846 7470A [4]
Nickel	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Potassium	11900	10000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Selenium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Silver	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Sodium	37500	10000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Thallium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Vanadium	< 50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Zinc	< 20	20	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA59082
(2) Instrument QC Batch: MA59085
(3) Prep QC Batch: MP56327
(4) Prep QC Batch: MP56362

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW008
Lab Sample ID: JE16259-8A
Matrix: AQ - Ground Water
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1904.D	1	08/06/25 00:59	AA	08/04/25 17:00	OP65982	T6Q149
Run #2							

	Initial Volume	Final Volume
Run #1	516 ml	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.0078	0.00090	ug/l	
2706-90-3	Perfluoropentanoic acid	0.0067	0.0039	0.00071	ug/l	
307-24-4	Perfluorohexanoic acid	0.0041	0.0019	0.00028	ug/l	
375-85-9	Perfluoroheptanoic acid	0.0024	0.0019	0.00048	ug/l	
335-67-1	Perfluorooctanoic acid	0.0166	0.0019	0.00073	ug/l	
375-95-1	Perfluorononanoic acid	0.0011	0.0019	0.00039	ug/l	J
335-76-2	Perfluorodecanoic acid	ND	0.0019	0.00060	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.0019	0.00053	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.0019	0.00075	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.0019	0.00077	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.0019	0.00074	ug/l	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	0.0047	0.0019	0.00064	ug/l	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.0019	0.00098	ug/l	
355-46-4	Perfluorohexanesulfonic acid	0.0025	0.0019	0.0011	ug/l	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.0019	0.00095	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	0.0090	0.0019	0.00042	ug/l	
68259-12-1	Perfluorononanesulfonic acid	ND	0.0019	0.0014	ug/l	
335-77-3	Perfluorodecanesulfonic acid	ND	0.0019	0.0011	ug/l	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.0019	0.00039	ug/l	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.0078	0.0022	ug/l	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.0078	0.00088	ug/l	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.0078	0.0014	ug/l	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	0.0014	0.0019	0.00067	ug/l	J
31506-32-8	MeFOSA	ND	0.0019	0.00062	ug/l	
4151-50-2	EtFOSA	ND	0.0019	0.00051	ug/l	

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW008		
Lab Sample ID:	JE16259-8A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.0019	0.00049	ug/l	
2991-50-6	EtFOSAA	ND	0.0019	0.00088	ug/l	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	0.019	0.0027	ug/l	
1691-99-2	EtFOSE	ND	0.019	0.0036	ug/l	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.0078	0.0017	ug/l	
919005-14-4	ADONA	ND	0.0078	0.0012	ug/l	
377-73-1	PFMPA	ND	0.0039	0.00029	ug/l	
863090-89-5	PFMBA	ND	0.0039	0.00054	ug/l	
151772-58-6	NFDHA	ND	0.0039	0.0012	ug/l	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.0078	0.0024	ug/l	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.0078	0.0017	ug/l	
113507-82-7	PFEESA	ND	0.0039	0.00026	ug/l	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	0.0097	0.0023	ug/l	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	0.048	0.0069	ug/l	
812-70-4	7:3 Fluorotelomer carboxylate	ND	0.048	0.0060	ug/l	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	28%		5-130%
	13C5-PFPeA	70%		40-130%
	13C5-PFHxA	70%		40-130%
	13C4-PFHpA	71%		40-130%
	13C8-PFOA	71%		40-130%
	13C9-PFNA	73%		40-130%
	13C6-PFDA	67%		40-130%
	13C7-PFUnDA	73%		30-130%
	13C2-PFDoDA	63%		10-130%
	13C2-PFTeDA	58%		10-130%
	13C3-PFBS	72%		40-135%
	13C3-PFHxS	69%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW008		
Lab Sample ID:	JE16259-8A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	70%		40-130%
	13C8-FOSA	72%		40-130%
	d3-MeFOSA	58%		10-130%
	d5-EtFOSA	57%		10-130%
	d3-MeFOSAA	70%		40-170%
	d5-EtFOSAA	71%		25-135%
	d7-MeFOSE	62%		10-130%
	d9-EtFOSE	59%		10-130%
	13C2-4:2FTS	136%		40-200%
	13C2-6:2FTS	108%		40-200%
	13C2-8:2FTS	88%		40-300%
	13C3-HFPO-DA	69%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW009		
Lab Sample ID:	JE16259-9	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1U78781.D	1	08/04/25 19:34	NW	n/a	n/a	V1U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane [a]	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	0.93	5.0	0.78	ug/l	J
96-12-8	1,2-Dibromo-3-chloropropan [b]	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW009		
Lab Sample ID:	JE16259-9	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-120%
17060-07-0	1,2-Dichloroethane-D4	100%		80-120%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	98%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW009
Lab Sample ID: JE16259-9
Matrix: AQ - Ground Water
Method: SW846 8270E SW846 3510C
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M204395.D	1	08/08/25 01:17	AC	08/05/25 09:15	OP65950	EM8847
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	4.0	0.37	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.0	0.53	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	0.52	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.0	0.67	ug/l	
51-28-5	2,4-Dinitrophenol	ND	4.0	1.9	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	4.0	1.5	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.47	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	4.0	0.40	ug/l	
100-02-7	4-Nitrophenol	ND	8.0	0.45	ug/l	
108-95-2	Phenol	ND	2.0	0.26	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	4.0	0.64	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.0	0.49	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.0	0.59	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.61	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.42	ug/l	
98-86-2	Acetophenone	ND	2.0	0.52	ug/l	
120-12-7	Anthracene	ND	1.0	0.56	ug/l	
1912-24-9	Atrazine	ND	2.0	0.72	ug/l	
100-52-7	Benzaldehyde	ND	4.0	0.44	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.64	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.55	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.86	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.59	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.43	ug/l	
106-47-8	4-Chloroaniline	ND	4.0	0.53	ug/l	
86-74-8	Carbazole	ND	1.0	0.58	ug/l	
105-60-2	Caprolactam [a]	ND	2.0	0.35	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.46	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.43	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.50	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.60	ug/l	

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW009		
Lab Sample ID:	JE16259-9	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.56	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	1.1	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.18	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.0	0.73	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.53	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	1.6	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.58	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.55	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.3	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.58	ug/l	
86-73-7	Fluorene	ND	1.0	0.59	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.35	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	8.0	0.98	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.55	ug/l	
78-59-1	Isophorone	ND	2.0	0.39	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.64	ug/l	
88-74-4	2-Nitroaniline	ND	4.0	0.62	ug/l	
99-09-2	3-Nitroaniline	ND	4.0	0.64	ug/l	
100-01-6	4-Nitroaniline	ND	4.0	0.75	ug/l	
91-20-3	Naphthalene	ND	1.0	0.44	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.42	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.65	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.0	0.42	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.48	ug/l	
129-00-0	Pyrene	ND	1.0	0.50	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	30%		10-69%
4165-62-2	Phenol-d5	20%		10-47%
118-79-6	2,4,6-Tribromophenol	50%		17-144%
4165-60-0	Nitrobenzene-d5	44%		17-126%
321-60-8	2-Fluorobiphenyl	44%		23-124%
1718-51-0	Terphenyl-d14	50%		13-135%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW009		
Lab Sample ID:	JE16259-9	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13422.D	1	08/07/25 20:35	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	0.601	0.30	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	60%		29-124%
321-60-8	2-Fluorobiphenyl	48%		23-122%
1718-51-0	Terphenyl-d14	56%		22-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW009
Lab Sample ID: JE16259-9
Matrix: AQ - Ground Water
Method: SW846 8081B SW846 3510C
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G212079.D	1	08/06/25 15:40	CP	08/05/25 20:30	OP65953	G1G7667
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0080	0.0041	ug/l	
319-84-6	alpha-BHC	ND	0.0080	0.0042	ug/l	
319-85-7	beta-BHC	ND	0.0080	0.0064	ug/l	
319-86-8	delta-BHC	ND	0.0080	0.0053	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.0080	0.0048	ug/l	
5103-71-9	alpha-Chlordane	ND	0.0080	0.0039	ug/l	
5103-74-2	gamma-Chlordane	ND	0.0080	0.0034	ug/l	
60-57-1	Dieldrin	ND	0.0080	0.0061	ug/l	
72-54-8	4,4'-DDD	ND	0.0080	0.0046	ug/l	
72-55-9	4,4'-DDE	ND	0.0080	0.0040	ug/l	
50-29-3	4,4'-DDT	ND	0.0080	0.0055	ug/l	
72-20-8	Endrin	ND	0.0080	0.0048	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.0080	0.0044	ug/l	
7421-93-4	Endrin aldehyde	ND	0.0080	0.0054	ug/l	
53494-70-5	Endrin ketone	ND	0.0080	0.0050	ug/l	
959-98-8	Endosulfan-I	ND	0.0080	0.0042	ug/l	
33213-65-9	Endosulfan-II	ND	0.0080	0.0039	ug/l	
76-44-8	Heptachlor	ND	0.0080	0.0036	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.0080	0.0048	ug/l	
72-43-5	Methoxychlor	ND	0.016	0.0054	ug/l	
8001-35-2	Toxaphene	ND	0.20	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	68%		10-175%
877-09-8	Tetrachloro-m-xylene	64%		10-175%
2051-24-3	Decachlorobiphenyl	55%		10-128%
2051-24-3	Decachlorobiphenyl	51%		10-128%

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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW009		
Lab Sample ID:	JE16259-9	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8082A SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2523883.D	1	08/06/25 16:05	CP	08/05/25 20:30	OP65954	GXX8921
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.40	0.16	ug/l	
11104-28-2	Aroclor 1221	ND	0.40	0.34	ug/l	
11141-16-5	Aroclor 1232	ND	0.40	0.21	ug/l	
53469-21-9	Aroclor 1242	ND	0.40	0.37	ug/l	
12672-29-6	Aroclor 1248	ND	0.40	0.35	ug/l	
11097-69-1	Aroclor 1254	ND	0.40	0.33	ug/l	
11096-82-5	Aroclor 1260	ND	0.40	0.33	ug/l	
11100-14-4	Aroclor 1268	ND	0.40	0.14	ug/l	
37324-23-5	Aroclor 1262	ND	0.40	0.36	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	57%		10-169%
877-09-8	Tetrachloro-m-xylene	49%		10-169%
2051-24-3	Decachlorobiphenyl	40%		10-130%
2051-24-3	Decachlorobiphenyl	37%		10-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW009
Lab Sample ID: JE16259-9
Matrix: AQ - Ground Water
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	522	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Antimony	< 6.0	6.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Arsenic	< 3.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Barium	< 200	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Beryllium	< 1.0	1.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Cadmium	< 3.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Calcium	85700	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Cobalt	< 50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Copper	29.2	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Iron	13300	100	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Lead	22.3	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Magnesium	13300	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Manganese	464	15	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	08/05/25	08/05/25	CM	SW846 7470A [2]	SW846 7470A [4]
Nickel	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Potassium	< 10000	10000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Selenium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Silver	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Sodium	39200	10000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Thallium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Vanadium	< 50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Zinc	< 20	20	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA59082
(2) Instrument QC Batch: MA59085
(3) Prep QC Batch: MP56327
(4) Prep QC Batch: MP56362

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW009		
Lab Sample ID:	JE16259-9A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1905.D	1	08/06/25 01:12	AA	08/04/25 17:00	OP65982	T6Q149
Run #2							

	Initial Volume	Final Volume
Run #1	491 ml	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	0.0088	0.0081	0.00095	ug/l	
2706-90-3	Perfluoropentanoic acid	0.0053	0.0041	0.00074	ug/l	
307-24-4	Perfluorohexanoic acid	0.0048	0.0020	0.00030	ug/l	
375-85-9	Perfluoroheptanoic acid	0.0024	0.0020	0.00051	ug/l	
335-67-1	Perfluorooctanoic acid	0.0154	0.0020	0.00076	ug/l	
375-95-1	Perfluorononanoic acid	0.00067	0.0020	0.00041	ug/l	J
335-76-2	Perfluorodecanoic acid	ND	0.0020	0.00063	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.0020	0.00056	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.0020	0.00078	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.0020	0.00080	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.0020	0.00077	ug/l	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	0.0039	0.0020	0.00067	ug/l	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.0020	0.0010	ug/l	
355-46-4	Perfluorohexanesulfonic acid	0.0016	0.0020	0.0011	ug/l	J
375-92-8	Perfluoroheptanesulfonic acid	ND	0.0020	0.0010	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	0.0092	0.0020	0.00044	ug/l	
68259-12-1	Perfluorononanesulfonic acid	ND	0.0020	0.0015	ug/l	
335-77-3	Perfluorodecanesulfonic acid	ND	0.0020	0.0011	ug/l	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.0020	0.00041	ug/l	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.0081	0.0023	ug/l	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.0081	0.00093	ug/l	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.0081	0.0015	ug/l	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.0020	0.00070	ug/l	
31506-32-8	MeFOSA	ND	0.0020	0.00065	ug/l	
4151-50-2	EtFOSA	ND	0.0020	0.00054	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW009
Lab Sample ID: JE16259-9A
Matrix: AQ - Ground Water
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.0020	0.00052	ug/l	
2991-50-6	EtFOSAA	ND	0.0020	0.00093	ug/l	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	0.020	0.0028	ug/l	
1691-99-2	EtFOSE	ND	0.020	0.0038	ug/l	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.0081	0.0018	ug/l	
919005-14-4	ADONA	ND	0.0081	0.0013	ug/l	
377-73-1	PFMPA	ND	0.0041	0.00031	ug/l	
863090-89-5	PFMBA	ND	0.0041	0.00057	ug/l	
151772-58-6	NFDHA	ND	0.0041	0.0013	ug/l	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.0081	0.0025	ug/l	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.0081	0.0018	ug/l	
113507-82-7	PFEESA	ND	0.0041	0.00027	ug/l	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	0.010	0.0025	ug/l	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	0.051	0.0073	ug/l	
812-70-4	7:3 Fluorotelomer carboxylate	ND	0.051	0.0063	ug/l	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	50%		5-130%
	13C5-PFPeA	74%		40-130%
	13C5-PFHxA	72%		40-130%
	13C4-PFHpA	72%		40-130%
	13C8-PFOA	71%		40-130%
	13C9-PFNA	70%		40-130%
	13C6-PFDA	76%		40-130%
	13C7-PFUnDA	79%		30-130%
	13C2-PFDoDA	70%		10-130%
	13C2-PFTeDA	62%		10-130%
	13C3-PFBS	71%		40-135%
	13C3-PFHxS	70%		40-130%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW009		
Lab Sample ID:	JE16259-9A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	73%		40-130%
	13C8-FOSA	71%		40-130%
	d3-MeFOSA	60%		10-130%
	d5-EtFOSA	58%		10-130%
	d3-MeFOSAA	73%		40-170%
	d5-EtFOSAA	70%		25-135%
	d7-MeFOSE	55%		10-130%
	d9-EtFOSE	60%		10-130%
	13C2-4:2FTS	115%		40-200%
	13C2-6:2FTS	100%		40-200%
	13C2-8:2FTS	84%		40-300%
	13C3-HFPO-DA	73%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE16259-10	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2U78782.D	1	08/04/25 19:49	NW	n/a	n/a	V2U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
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E = Indicates value exceeds calibration range

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE16259-10	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-120%
17060-07-0	1,2-Dichloroethane-D4	99%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	100%		82-114%

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Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE16259-10	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M204396.D	1	08/08/25 01:40	AC	08/05/25 09:15	OP65950	EM8847
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	4.0	0.37	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.0	0.53	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	0.52	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.0	0.67	ug/l	
51-28-5	2,4-Dinitrophenol	ND	4.0	1.9	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	4.0	1.5	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.47	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	4.0	0.40	ug/l	
100-02-7	4-Nitrophenol	ND	8.0	0.45	ug/l	
108-95-2	Phenol	ND	2.0	0.26	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	4.0	0.64	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.0	0.49	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.0	0.59	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.61	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.42	ug/l	
98-86-2	Acetophenone	ND	2.0	0.52	ug/l	
120-12-7	Anthracene	ND	1.0	0.56	ug/l	
1912-24-9	Atrazine	ND	2.0	0.72	ug/l	
100-52-7	Benzaldehyde	ND	4.0	0.44	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.64	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.55	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.86	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.59	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.43	ug/l	
106-47-8	4-Chloroaniline	ND	4.0	0.53	ug/l	
86-74-8	Carbazole	ND	1.0	0.58	ug/l	
105-60-2	Caprolactam [a]	ND	2.0	0.35	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.46	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.43	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.50	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.60	ug/l	

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Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE16259-10	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.56	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	1.1	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.18	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.0	0.73	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.53	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	1.6	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.58	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.55	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.3	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.58	ug/l	
86-73-7	Fluorene	ND	1.0	0.59	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.35	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	8.0	0.98	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.55	ug/l	
78-59-1	Isophorone	ND	2.0	0.39	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.64	ug/l	
88-74-4	2-Nitroaniline	ND	4.0	0.62	ug/l	
99-09-2	3-Nitroaniline	ND	4.0	0.64	ug/l	
100-01-6	4-Nitroaniline	ND	4.0	0.75	ug/l	
91-20-3	Naphthalene	ND	1.0	0.44	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.42	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.65	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.0	0.42	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.48	ug/l	
129-00-0	Pyrene	ND	1.0	0.50	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	31%		10-69%
4165-62-2	Phenol-d5	22%		10-47%
118-79-6	2,4,6-Tribromophenol	70%		17-144%
4165-60-0	Nitrobenzene-d5	67%		17-126%
321-60-8	2-Fluorobiphenyl	71%		23-124%
1718-51-0	Terphenyl-d14	62%		13-135%

(a) Associated CCV outside of control limits high, sample was ND.

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Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE16259-10	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13423.D	1	08/07/25 20:57	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	1.89	0.30	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	85%		29-124%
321-60-8	2-Fluorobiphenyl	70%		23-122%
1718-51-0	Terphenyl-d14	63%		22-130%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE16259-10	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8081B SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G212080.D	1	08/06/25 15:57	CP	08/05/25 20:30	OP65953	G1G7667
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0080	0.0041	ug/l	
319-84-6	alpha-BHC	ND	0.0080	0.0042	ug/l	
319-85-7	beta-BHC	ND	0.0080	0.0064	ug/l	
319-86-8	delta-BHC	ND	0.0080	0.0053	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.0080	0.0048	ug/l	
5103-71-9	alpha-Chlordane	ND	0.0080	0.0039	ug/l	
5103-74-2	gamma-Chlordane	ND	0.0080	0.0034	ug/l	
60-57-1	Dieldrin	ND	0.0080	0.0061	ug/l	
72-54-8	4,4'-DDD	ND	0.0080	0.0046	ug/l	
72-55-9	4,4'-DDE	ND	0.0080	0.0040	ug/l	
50-29-3	4,4'-DDT	ND	0.0080	0.0055	ug/l	
72-20-8	Endrin	ND	0.0080	0.0048	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.0080	0.0044	ug/l	
7421-93-4	Endrin aldehyde	ND	0.0080	0.0054	ug/l	
53494-70-5	Endrin ketone	ND	0.0080	0.0050	ug/l	
959-98-8	Endosulfan-I	ND	0.0080	0.0042	ug/l	
33213-65-9	Endosulfan-II	ND	0.0080	0.0039	ug/l	
76-44-8	Heptachlor	ND	0.0080	0.0036	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.0080	0.0048	ug/l	
72-43-5	Methoxychlor	ND	0.016	0.0054	ug/l	
8001-35-2	Toxaphene	ND	0.20	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	57%		10-175%
877-09-8	Tetrachloro-m-xylene	58%		10-175%
2051-24-3	Decachlorobiphenyl	45%		10-128%
2051-24-3	Decachlorobiphenyl	44%		10-128%

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Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE16259-10	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8082A SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2523884.D	1	08/06/25 16:24	CP	08/05/25 20:30	OP65954	GXX8921
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.40	0.16	ug/l	
11104-28-2	Aroclor 1221	ND	0.40	0.34	ug/l	
11141-16-5	Aroclor 1232	ND	0.40	0.21	ug/l	
53469-21-9	Aroclor 1242	ND	0.40	0.37	ug/l	
12672-29-6	Aroclor 1248	ND	0.40	0.35	ug/l	
11097-69-1	Aroclor 1254	ND	0.40	0.33	ug/l	
11096-82-5	Aroclor 1260	ND	0.40	0.33	ug/l	
11100-14-4	Aroclor 1268	ND	0.40	0.14	ug/l	
37324-23-5	Aroclor 1262	ND	0.40	0.36	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	49%		10-169%
877-09-8	Tetrachloro-m-xylene	45%		10-169%
2051-24-3	Decachlorobiphenyl	33%		10-130%
2051-24-3	Decachlorobiphenyl	31%		10-130%

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Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE16259-10	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
		Percent Solids:	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Antimony	< 6.0	6.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Arsenic	< 3.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Barium	221	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Beryllium	< 1.0	1.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Cadmium	< 3.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Calcium	116000	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Chromium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Cobalt	< 50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Copper	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Iron	22400	100	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Lead	7.3	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Magnesium	21500	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Manganese	1210	15	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Mercury	< 0.20	0.20	ug/l	1	08/05/25	08/05/25	CM	SW846 7470A [2]	SW846 7470A [4]
Nickel	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Potassium	12100	10000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Selenium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Silver	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Sodium	84200	10000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Thallium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Vanadium	< 50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Zinc	< 20	20	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA59082
(2) Instrument QC Batch: MA59085
(3) Prep QC Batch: MP56327
(4) Prep QC Batch: MP56362

RL = Reporting Limit

Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE16259-10A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1906.D	1	08/06/25 01:26	AA	08/04/25 17:00	OP65982	T6Q149
Run #2							

	Initial Volume	Final Volume
Run #1	523 ml	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	0.0077	0.0076	0.00089	ug/l	
2706-90-3	Perfluoropentanoic acid	0.0077	0.0038	0.00070	ug/l	
307-24-4	Perfluorohexanoic acid	0.0055	0.0019	0.00028	ug/l	
375-85-9	Perfluoroheptanoic acid	0.0036	0.0019	0.00048	ug/l	
335-67-1	Perfluorooctanoic acid	0.0251	0.0019	0.00072	ug/l	
375-95-1	Perfluorononanoic acid	0.0014	0.0019	0.00038	ug/l	J
335-76-2	Perfluorodecanoic acid	ND	0.0019	0.00059	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.0019	0.00053	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.0019	0.00074	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.0019	0.00076	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.0019	0.00073	ug/l	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	0.0020	0.0019	0.00063	ug/l	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.0019	0.00097	ug/l	
355-46-4	Perfluorohexanesulfonic acid	0.0016	0.0019	0.0011	ug/l	J
375-92-8	Perfluoroheptanesulfonic acid	ND	0.0019	0.00094	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	0.0061	0.0019	0.00041	ug/l	
68259-12-1	Perfluorononanesulfonic acid	ND	0.0019	0.0014	ug/l	
335-77-3	Perfluorodecanesulfonic acid	ND	0.0019	0.0010	ug/l	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.0019	0.00038	ug/l	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.0076	0.0022	ug/l	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.0076	0.00087	ug/l	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.0076	0.0014	ug/l	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.0019	0.00066	ug/l	
31506-32-8	MeFOSA	ND	0.0019	0.00061	ug/l	
4151-50-2	EtFOSA	ND	0.0019	0.00051	ug/l	

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE16259-10A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.0019	0.00049	ug/l	
2991-50-6	EtFOSAA	ND	0.0019	0.00087	ug/l	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	0.019	0.0027	ug/l	
1691-99-2	EtFOSE	ND	0.019	0.0036	ug/l	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.0076	0.0017	ug/l	
919005-14-4	ADONA	ND	0.0076	0.0012	ug/l	
377-73-1	PFMPA	ND	0.0038	0.00029	ug/l	
863090-89-5	PFMBA	ND	0.0038	0.00054	ug/l	
151772-58-6	NFDHA	ND	0.0038	0.0012	ug/l	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.0076	0.0023	ug/l	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.0076	0.0017	ug/l	
113507-82-7	PFEESA	ND	0.0038	0.00026	ug/l	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	0.0096	0.0023	ug/l	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	0.048	0.0068	ug/l	
812-70-4	7:3 Fluorotelomer carboxylate	ND	0.048	0.0059	ug/l	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	49%		5-130%
	13C5-PFPeA	74%		40-130%
	13C5-PFHxA	74%		40-130%
	13C4-PFHpA	73%		40-130%
	13C8-PFOA	71%		40-130%
	13C9-PFNA	74%		40-130%
	13C6-PFDA	70%		40-130%
	13C7-PFUnDA	70%		30-130%
	13C2-PFDoDA	66%		10-130%
	13C2-PFTeDA	59%		10-130%
	13C3-PFBS	73%		40-135%
	13C3-PFHxS	68%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE16259-10A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	70%		40-130%
	13C8-FOSA	66%		40-130%
	d3-MeFOSA	54%		10-130%
	d5-EtFOSA	53%		10-130%
	d3-MeFOSAA	66%		40-170%
	d5-EtFOSAA	65%		25-135%
	d7-MeFOSE	52%		10-130%
	d9-EtFOSE	56%		10-130%
	13C2-4:2FTS	159%		40-200%
	13C2-6:2FTS	108%		40-200%
	13C2-8:2FTS	90%		40-300%
	13C3-HFPO-DA	72%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EQUIPMENT BLANK		
Lab Sample ID:	JE16259-11	**Date Sampled:**	07/30/25
Matrix:	AQ - Equipment Blank	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1U78751.D	1	08/04/25 12:00	NW	n/a	n/a	V1U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane [a]	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropan [b]	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EQUIPMENT BLANK		
Lab Sample ID:	JE16259-11	**Date Sampled:**	07/30/25
Matrix:	AQ - Equipment Blank	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		80-120%
17060-07-0	1,2-Dichloroethane-D4	104%		80-120%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	97%		82-114%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EQUIPMENT BLANK		
Lab Sample ID:	JE16259-11	**Date Sampled:**	07/30/25
Matrix:	AQ - Equipment Blank	**Date Received:**	07/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M204387.D	1	08/07/25 22:18	AC	08/05/25 09:15	OP65950	EM8847
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	4.0	0.37	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.0	0.53	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	0.52	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.0	0.67	ug/l	
51-28-5	2,4-Dinitrophenol	ND	4.0	1.9	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	4.0	1.5	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.47	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol	ND	4.0	0.40	ug/l	
100-02-7	4-Nitrophenol	ND	8.0	0.45	ug/l	
108-95-2	Phenol	ND	2.0	0.26	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	4.0	0.64	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.0	0.49	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.0	0.59	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.61	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.42	ug/l	
98-86-2	Acetophenone	ND	2.0	0.52	ug/l	
120-12-7	Anthracene	ND	1.0	0.56	ug/l	
1912-24-9	Atrazine	ND	2.0	0.72	ug/l	
100-52-7	Benzaldehyde	ND	4.0	0.44	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.64	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.55	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.86	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.59	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.43	ug/l	
106-47-8	4-Chloroaniline	ND	4.0	0.53	ug/l	
86-74-8	Carbazole	ND	1.0	0.58	ug/l	
105-60-2	Caprolactam [a]	ND	2.0	0.35	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.46	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.43	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.50	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.60	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EQUIPMENT BLANK		
Lab Sample ID:	JE16259-11	**Date Sampled:**	07/30/25
Matrix:	AQ - Equipment Blank	**Date Received:**	07/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.56	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	1.1	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.18	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.0	0.73	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.53	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	1.6	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.58	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.55	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.3	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.58	ug/l	
86-73-7	Fluorene	ND	1.0	0.59	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.35	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	8.0	0.98	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.55	ug/l	
78-59-1	Isophorone	ND	2.0	0.39	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.64	ug/l	
88-74-4	2-Nitroaniline	ND	4.0	0.62	ug/l	
99-09-2	3-Nitroaniline	ND	4.0	0.64	ug/l	
100-01-6	4-Nitroaniline	ND	4.0	0.75	ug/l	
91-20-3	Naphthalene	ND	1.0	0.44	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.42	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.65	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.0	0.42	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.48	ug/l	
129-00-0	Pyrene	ND	1.0	0.50	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		10-69%
4165-62-2	Phenol-d5	26%		10-47%
118-79-6	2,4,6-Tribromophenol	61%		17-144%
4165-60-0	Nitrobenzene-d5	58%		17-126%
321-60-8	2-Fluorobiphenyl	61%		23-124%
1718-51-0	Terphenyl-d14	68%		13-135%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EQUIPMENT BLANK		
Lab Sample ID:	JE16259-11	**Date Sampled:**	07/30/25
Matrix:	AQ - Equipment Blank	**Date Received:**	07/30/25
Method:	SW846 8270E BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13407.D	1	08/07/25 15:06	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	0.30	0.20	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	76%		29-124%
321-60-8	2-Fluorobiphenyl	62%		23-122%
1718-51-0	Terphenyl-d14	77%		22-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: EQUIPMENT BLANK
Lab Sample ID: JE16259-11
Matrix: AQ - Equipment Blank
Method: SW846 8081B SW846 3510C
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G212081.D	1	08/06/25 16:14	CP	08/05/25 20:30	OP65953	G1G7667
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0080	0.0041	ug/l	
319-84-6	alpha-BHC	ND	0.0080	0.0042	ug/l	
319-85-7	beta-BHC	ND	0.0080	0.0064	ug/l	
319-86-8	delta-BHC	ND	0.0080	0.0053	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.0080	0.0048	ug/l	
5103-71-9	alpha-Chlordane	ND	0.0080	0.0039	ug/l	
5103-74-2	gamma-Chlordane	ND	0.0080	0.0034	ug/l	
60-57-1	Dieldrin	ND	0.0080	0.0061	ug/l	
72-54-8	4,4'-DDD	ND	0.0080	0.0046	ug/l	
72-55-9	4,4'-DDE	ND	0.0080	0.0040	ug/l	
50-29-3	4,4'-DDT	ND	0.0080	0.0055	ug/l	
72-20-8	Endrin	ND	0.0080	0.0048	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.0080	0.0044	ug/l	
7421-93-4	Endrin aldehyde	ND	0.0080	0.0054	ug/l	
53494-70-5	Endrin ketone	ND	0.0080	0.0050	ug/l	
959-98-8	Endosulfan-I	ND	0.0080	0.0042	ug/l	
33213-65-9	Endosulfan-II	ND	0.0080	0.0039	ug/l	
76-44-8	Heptachlor	ND	0.0080	0.0036	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.0080	0.0048	ug/l	
72-43-5	Methoxychlor	ND	0.016	0.0054	ug/l	
8001-35-2	Toxaphene	ND	0.20	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	68%		10-175%
877-09-8	Tetrachloro-m-xylene	65%		10-175%
2051-24-3	Decachlorobiphenyl	63%		10-128%
2051-24-3	Decachlorobiphenyl	59%		10-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EQUIPMENT BLANK		
Lab Sample ID:	JE16259-11	**Date Sampled:**	07/30/25
Matrix:	AQ - Equipment Blank	**Date Received:**	07/30/25
Method:	SW846 8082A SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2523885.D	1	08/06/25 16:42	CP	08/05/25 20:30	OP65954	GXX8921
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.40	0.16	ug/l	
11104-28-2	Aroclor 1221	ND	0.40	0.34	ug/l	
11141-16-5	Aroclor 1232	ND	0.40	0.21	ug/l	
53469-21-9	Aroclor 1242	ND	0.40	0.37	ug/l	
12672-29-6	Aroclor 1248	ND	0.40	0.35	ug/l	
11097-69-1	Aroclor 1254	ND	0.40	0.33	ug/l	
11096-82-5	Aroclor 1260	ND	0.40	0.33	ug/l	
11100-14-4	Aroclor 1268	ND	0.40	0.14	ug/l	
37324-23-5	Aroclor 1262	ND	0.40	0.36	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	57%		10-169%
877-09-8	Tetrachloro-m-xylene	52%		10-169%
2051-24-3	Decachlorobiphenyl	44%		10-130%
2051-24-3	Decachlorobiphenyl	40%		10-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EQUIPMENT BLANK		
Lab Sample ID:	JE16259-11	**Date Sampled:**	07/30/25
Matrix:	AQ - Equipment Blank	**Date Received:**	07/30/25
		Percent Solids:	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	< 200	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [4]
Antimony	< 6.0	6.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [4]
Arsenic	< 3.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [4]
Barium	< 200	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [4]
Beryllium	< 1.0	1.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [4]
Cadmium	< 3.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [4]
Calcium	< 5000	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [4]
Chromium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [4]
Cobalt	< 50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [4]
Copper	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [4]
Iron	< 100	100	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [4]
Lead	< 3.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [4]
Magnesium	< 5000	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [4]
Manganese	< 15	15	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [4]
Mercury	< 0.20	0.20	ug/l	1	08/05/25	08/05/25	CM	SW846 7470A [2]	SW846 7470A [5]
Nickel	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [4]
Potassium	< 10000	10000	ug/l	1	08/04/25	08/05/25	LM	SW846 6010D [3]	SW846 3010A [4]
Selenium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [4]
Silver	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [4]
Sodium	< 10000	10000	ug/l	1	08/04/25	08/05/25	LM	SW846 6010D [3]	SW846 3010A [4]
Thallium	< 10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [4]
Vanadium	< 50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [4]
Zinc	< 20	20	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [4]

(1) Instrument QC Batch: MA59082
(2) Instrument QC Batch: MA59085
(3) Instrument QC Batch: MA59090
(4) Prep QC Batch: MP56327
(5) Prep QC Batch: MP56362

RL = Reporting Limit

Report of Analysis

Client Sample ID: EQUIPMENT BLANK
Lab Sample ID: JE16259-11A
Matrix: AQ - Equipment Blank
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1907.D	1	08/06/25 01:39	AA	08/04/25 17:00	OP65982	T6Q149
Run #2							

	Initial Volume	Final Volume
Run #1	515 ml	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.0078	0.00090	ug/l	
2706-90-3	Perfluoropentanoic acid	ND	0.0039	0.00071	ug/l	
307-24-4	Perfluorohexanoic acid	ND	0.0019	0.00028	ug/l	
375-85-9	Perfluoroheptanoic acid	ND	0.0019	0.00049	ug/l	
335-67-1	Perfluorooctanoic acid	ND	0.0019	0.00073	ug/l	
375-95-1	Perfluorononanoic acid	ND	0.0019	0.00039	ug/l	
335-76-2	Perfluorodecanoic acid	ND	0.0019	0.00060	ug/l	
2058-94-8	Perfluoroundecanoic acid	ND	0.0019	0.00053	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.0019	0.00075	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.0019	0.00077	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.0019	0.00074	ug/l	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.0019	0.00064	ug/l	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.0019	0.00098	ug/l	
355-46-4	Perfluorohexanesulfonic acid	ND	0.0019	0.0011	ug/l	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.0019	0.00095	ug/l	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.0019	0.00042	ug/l	
68259-12-1	Perfluorononanesulfonic acid	ND	0.0019	0.0014	ug/l	
335-77-3	Perfluorodecanesulfonic acid	ND	0.0019	0.0011	ug/l	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.0019	0.00039	ug/l	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.0078	0.0022	ug/l	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.0078	0.00088	ug/l	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.0078	0.0014	ug/l	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.0019	0.00067	ug/l	
31506-32-8	MeFOSA	ND	0.0019	0.00062	ug/l	
4151-50-2	EtFOSA	ND	0.0019	0.00051	ug/l	

ND = Not detected MDL = Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EQUIPMENT BLANK		
Lab Sample ID:	JE16259-11A	**Date Sampled:**	07/30/25
Matrix:	AQ - Equipment Blank	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.0019	0.00050	ug/l	
2991-50-6	EtFOSAA	ND	0.0019	0.00088	ug/l	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	0.019	0.0027	ug/l	
1691-99-2	EtFOSE	ND	0.019	0.0036	ug/l	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.0078	0.0017	ug/l	
919005-14-4	ADONA	ND	0.0078	0.0012	ug/l	
377-73-1	PFMPA	ND	0.0039	0.00029	ug/l	
863090-89-5	PFMBA	ND	0.0039	0.00054	ug/l	
151772-58-6	NFDHA	ND	0.0039	0.0012	ug/l	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.0078	0.0024	ug/l	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.0078	0.0017	ug/l	
113507-82-7	PFEESA	ND	0.0039	0.00026	ug/l	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	0.0097	0.0023	ug/l	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	0.049	0.0069	ug/l	
812-70-4	7:3 Fluorotelomer carboxylate	ND	0.049	0.0060	ug/l	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	77%		5-130%
	13C5-PFPeA	74%		40-130%
	13C5-PFHxA	73%		40-130%
	13C4-PFHpA	72%		40-130%
	13C8-PFOA	76%		40-130%
	13C9-PFNA	79%		40-130%
	13C6-PFDA	81%		40-130%
	13C7-PFUnDA	79%		30-130%
	13C2-PFDoDA	73%		10-130%
	13C2-PFTeDA	70%		10-130%
	13C3-PFBS	78%		40-135%
	13C3-PFHxS	75%		40-130%

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EQUIPMENT BLANK		
Lab Sample ID:	JE16259-11A	**Date Sampled:**	07/30/25
Matrix:	AQ - Equipment Blank	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	76%		40-130%
	13C8-FOSA	73%		40-130%
	d3-MeFOSA	55%		10-130%
	d5-EtFOSA	58%		10-130%
	d3-MeFOSAA	76%		40-170%
	d5-EtFOSAA	73%		25-135%
	d7-MeFOSE	66%		10-130%
	d9-EtFOSE	68%		10-130%
	13C2-4:2FTS	86%		40-200%
	13C2-6:2FTS	87%		40-200%
	13C2-8:2FTS	82%		40-300%
	13C3-HFPO-DA	74%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TRIP BLANK
Lab Sample ID: JE16259-12
Matrix: AQ - Trip Blank Water
Method: SW846 8260D
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2U78750.D	1	08/04/25 11:45	NW	n/a	n/a	V2U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JE16259-12	**Date Sampled:**	07/30/25
Matrix:	AQ - Trip Blank Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		80-120%
17060-07-0	1,2-Dichloroethane-D4	100%		80-120%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	100%		82-114%

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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Technical Report for

PW Grosser Consulting

ALE2501 - 60 Alexander Street, Yonkers, NY

ALE2501

SGS Job Number: JE16259R

Sampling Date: 07/30/25

Report to:

PW Grosser Consulting
630 Johnson Avenue #7
Bohemia, NY 11716
zyoungman@pwgrosser.com; jenniferl@pwgrosser.com

ATTN: Zeb Youngman

Total number of pages in report: 26

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Victoria Pushkova 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Test results relate only to samples analyzed.

Sample Summary

PW Grosser Consulting

Job No: JE16259R

ALE2501 - 60 Alexander Street, Yonkers, NY
Project No: ALE2501

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
JE16259-1R	07/30/25	10:28	RD	07/30/25	AQ	Ground Water	MW001
JE16259-2R	07/30/25	09:28	RD	07/30/25	AQ	Ground Water	MW002
JE16259-3R	07/30/25	13:09	RD	07/30/25	AQ	Ground Water	MW003
JE16259-4R	07/30/25	11:20	RD	07/30/25	AQ	Ground Water	MW004
JE16259-5DR	07/30/25	12:04	RD	07/30/25	AQ	Water Dup/MSD	MW005 MSD
JE16259-5R	07/30/25	12:04	RD	07/30/25	AQ	Ground Water	MW005
JE16259-5SR	07/30/25	12:04	RD	07/30/25	AQ	Water Matrix Spike	MW005 MS
JE16259-6R	07/30/25	16:04	RD	07/30/25	AQ	Ground Water	MW006
JE16259-7R	07/30/25	16:45	RD	07/30/25	AQ	Ground Water	MW007
JE16259-8R	07/30/25	13:53	RD	07/30/25	AQ	Ground Water	MW008
JE16259-9R	07/30/25	15:03	RD	07/30/25	AQ	Ground Water	MW009
JE16259-10R	07/30/25	00:00	RD	07/30/25	AQ	Ground Water	DUP001

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

Sample Summary
(continued)

PW Grosser Consulting

Job No: JE16259R

ALE2501 - 60 Alexander Street, Yonkers, NY
Project No: ALE2501

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
JE16259-11R	07/30/25	15:30	RD	07/30/25	AQ	Equipment Blank	EQUIPMENT BLANK

Report of Analysis

Client Sample ID: MW001
Lab Sample ID: JE16259-1R
Matrix: AQ - Ground Water
Method: SW846 8270E BY SIM SW846 3510C
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13414.D	1	08/07/25 17:39	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
87-86-5	Pentachlorophenol	0.0686	0.20	0.060	ug/l	J
56-55-3	Benzo(a)anthracene	0.125	0.040	0.024	ug/l	
50-32-8	Benzo(a)pyrene	ND	0.040	0.024	ug/l	
205-99-2	Benzo(b)fluoranthene	0.0257	0.040	0.024	ug/l	J
207-08-9	Benzo(k)fluoranthene	ND	0.080	0.040	ug/l	
218-01-9	Chrysene	0.0771	0.080	0.040	ug/l	J
118-74-1	Hexachlorobenzene	ND	0.020	0.014	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene [a]	ND	0.080	0.040	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	41%		15-110%
4165-62-2	Phenol-d5	33%		12-110%
118-79-6	2,4,6-Tribromophenol	74%		32-143%
4165-60-0	Nitrobenzene-d5	73%		29-124%
321-60-8	2-Fluorobiphenyl	64%		23-122%
1718-51-0	Terphenyl-d14	69%		22-130%

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW001		
Lab Sample ID:	JE16259-1R	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
		Percent Solids:	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 4.0	4.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]
Thallium	< 1.0	1.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA59277
(2) Prep QC Batch: MP56977

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW002
Lab Sample ID: JE16259-2R
Matrix: AQ - Ground Water
Method: SW846 8270E BY SIM SW846 3510C
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13415.D	1	08/07/25 18:01	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
87-86-5	Pentachlorophenol	0.0611	0.20	0.060	ug/l	J
56-55-3	Benzo(a)anthracene	0.0355	0.040	0.024	ug/l	J
50-32-8	Benzo(a)pyrene	ND	0.040	0.024	ug/l	
205-99-2	Benzo(b)fluoranthene	0.0295	0.040	0.024	ug/l	J
207-08-9	Benzo(k)fluoranthene	ND	0.080	0.040	ug/l	
218-01-9	Chrysene	ND	0.080	0.040	ug/l	
118-74-1	Hexachlorobenzene	ND	0.020	0.014	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene [a]	ND	0.080	0.040	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	40%		15-110%
4165-62-2	Phenol-d5	30%		12-110%
118-79-6	2,4,6-Tribromophenol	82%		32-143%
4165-60-0	Nitrobenzene-d5	71%		29-124%
321-60-8	2-Fluorobiphenyl	58%		23-122%
1718-51-0	Terphenyl-d14	70%		22-130%

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW002		
Lab Sample ID:	JE16259-2R	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
		Percent Solids:	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 4.0	4.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]
Thallium	< 1.0	1.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA59277
(2) Prep QC Batch: MP56977

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW003		
Lab Sample ID:	JE16259-3R	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13416.D	1	08/07/25 18:23	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
87-86-5	Pentachlorophenol	ND	0.20	0.060	ug/l	
56-55-3	Benzo(a)anthracene	ND	0.040	0.024	ug/l	
50-32-8	Benzo(a)pyrene	ND	0.040	0.024	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	0.040	0.024	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	0.080	0.040	ug/l	
218-01-9	Chrysene	ND	0.080	0.040	ug/l	
118-74-1	Hexachlorobenzene	ND	0.020	0.014	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene [a]	ND	0.080	0.040	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	48%		15-110%
4165-62-2	Phenol-d5	36%		12-110%
118-79-6	2,4,6-Tribromophenol	76%		32-143%
4165-60-0	Nitrobenzene-d5	86%		29-124%
321-60-8	2-Fluorobiphenyl	67%		23-122%
1718-51-0	Terphenyl-d14	70%		22-130%

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW003		
Lab Sample ID:	JE16259-3R	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
		Percent Solids:	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 4.0	4.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]
Thallium	< 1.0	1.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA59277
(2) Prep QC Batch: MP56977

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW004		
Lab Sample ID:	JE16259-4R	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13417.D	1	08/07/25 18:45	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
87-86-5	Pentachlorophenol	ND	0.20	0.060	ug/l	
56-55-3	Benzo(a)anthracene	0.0292	0.040	0.024	ug/l	J
50-32-8	Benzo(a)pyrene	ND	0.040	0.024	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	0.040	0.024	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	0.080	0.040	ug/l	
218-01-9	Chrysene	ND	0.080	0.040	ug/l	
118-74-1	Hexachlorobenzene	ND	0.020	0.014	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene [a]	ND	0.080	0.040	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	38%		15-110%
4165-62-2	Phenol-d5	28%		12-110%
118-79-6	2,4,6-Tribromophenol	70%		32-143%
4165-60-0	Nitrobenzene-d5	75%		29-124%
321-60-8	2-Fluorobiphenyl	58%		23-122%
1718-51-0	Terphenyl-d14	58%		22-130%

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW004		
Lab Sample ID:	JE16259-4R	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
		Percent Solids:	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 4.0	4.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]
Thallium	< 1.0	1.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA59277
(2) Prep QC Batch: MP56977

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW005
Lab Sample ID: JE16259-5R
Matrix: AQ - Ground Water
Method: SW846 8270E BY SIM SW846 3510C
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13418.D	1	08/07/25 19:07	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
87-86-5	Pentachlorophenol	ND	0.20	0.060	ug/l	
56-55-3	Benzo(a)anthracene	0.0615	0.040	0.024	ug/l	
50-32-8	Benzo(a)pyrene	ND	0.040	0.024	ug/l	
205-99-2	Benzo(b)fluoranthene	0.0297	0.040	0.024	ug/l	J
207-08-9	Benzo(k)fluoranthene	ND	0.080	0.040	ug/l	
218-01-9	Chrysene	ND	0.080	0.040	ug/l	
118-74-1	Hexachlorobenzene	ND	0.020	0.014	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene [a]	ND	0.080	0.040	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	37%		15-110%
4165-62-2	Phenol-d5	30%		12-110%
118-79-6	2,4,6-Tribromophenol	70%		32-143%
4165-60-0	Nitrobenzene-d5	75%		29-124%
321-60-8	2-Fluorobiphenyl	63%		23-122%
1718-51-0	Terphenyl-d14	54%		22-130%

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5R	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
		Percent Solids:	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 4.0	4.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]
Thallium	< 1.0	1.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA59277
(2) Prep QC Batch: MP56977

RL = Reporting Limit

Report of Analysis

Client Sample ID: MW006
Lab Sample ID: JE16259-6R
Matrix: AQ - Ground Water
Method: SW846 8270E BY SIM SW846 3510C
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13419.D	1	08/07/25 19:29	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
87-86-5	Pentachlorophenol	ND	0.20	0.060	ug/l	
56-55-3	Benzo(a)anthracene	ND	0.040	0.024	ug/l	
50-32-8	Benzo(a)pyrene	ND	0.040	0.024	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	0.040	0.024	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	0.080	0.040	ug/l	
218-01-9	Chrysene	ND	0.080	0.040	ug/l	
118-74-1	Hexachlorobenzene	ND	0.020	0.014	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene [a]	ND	0.080	0.040	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	41%		15-110%
4165-62-2	Phenol-d5	28%		12-110%
118-79-6	2,4,6-Tribromophenol	76%		32-143%
4165-60-0	Nitrobenzene-d5	81%		29-124%
321-60-8	2-Fluorobiphenyl	66%		23-122%
1718-51-0	Terphenyl-d14	59%		22-130%

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW006		
Lab Sample ID:	JE16259-6R	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
		Percent Solids:	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 4.0	4.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]
Thallium	< 1.0	1.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA59277
(2) Prep QC Batch: MP56977

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW007		
Lab Sample ID:	JE16259-7R	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13420.D	1	08/07/25 19:51	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
87-86-5	Pentachlorophenol	ND	0.20	0.060	ug/l	
56-55-3	Benzo(a)anthracene	ND	0.040	0.024	ug/l	
50-32-8	Benzo(a)pyrene	ND	0.040	0.024	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	0.040	0.024	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	0.080	0.040	ug/l	
218-01-9	Chrysene	ND	0.080	0.040	ug/l	
118-74-1	Hexachlorobenzene	ND	0.020	0.014	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene [a]	ND	0.080	0.040	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	29%		15-110%
4165-62-2	Phenol-d5	25%		12-110%
118-79-6	2,4,6-Tribromophenol	62%		32-143%
4165-60-0	Nitrobenzene-d5	63%		29-124%
321-60-8	2-Fluorobiphenyl	53%		23-122%
1718-51-0	Terphenyl-d14	50%		22-130%

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW007		
Lab Sample ID:	JE16259-7R	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
		Percent Solids:	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 4.0	4.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]
Thallium	< 1.0	1.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA59277
(2) Prep QC Batch: MP56977

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW008		
Lab Sample ID:	JE16259-8R	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13421.D	1	08/07/25 20:13	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
87-86-5	Pentachlorophenol	ND	0.20	0.060	ug/l	
56-55-3	Benzo(a)anthracene	0.0360	0.040	0.024	ug/l	J
50-32-8	Benzo(a)pyrene	ND	0.040	0.024	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	0.040	0.024	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	0.080	0.040	ug/l	
218-01-9	Chrysene	ND	0.080	0.040	ug/l	
118-74-1	Hexachlorobenzene	ND	0.020	0.014	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene [a]	ND	0.080	0.040	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	91%		15-110%
4165-62-2	Phenol-d5	70%		12-110%
118-79-6	2,4,6-Tribromophenol	152% [b]		32-143%
4165-60-0	Nitrobenzene-d5	143% [b]		29-124%
321-60-8	2-Fluorobiphenyl	112%		23-122%
1718-51-0	Terphenyl-d14	106%		22-130%

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.
(b) Outside control limits biased high. Sample ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW008		
Lab Sample ID:	JE16259-8R	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
		Percent Solids:	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 4.0	4.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]
Thallium	< 1.0	1.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA59277
(2) Prep QC Batch: MP56977

RL = Reporting Limit

Report of Analysis

Client Sample ID:	MW009		
Lab Sample ID:	JE16259-9R	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13422.D	1	08/07/25 20:35	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
87-86-5	Pentachlorophenol	ND	0.20	0.060	ug/l	
56-55-3	Benzo(a)anthracene	0.0378	0.040	0.024	ug/l	J
50-32-8	Benzo(a)pyrene	ND	0.040	0.024	ug/l	
205-99-2	Benzo(b)fluoranthene	0.0291	0.040	0.024	ug/l	J
207-08-9	Benzo(k)fluoranthene	ND	0.080	0.040	ug/l	
218-01-9	Chrysene	ND	0.080	0.040	ug/l	
118-74-1	Hexachlorobenzene	0.0205	0.020	0.014	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene [a]	ND	0.080	0.040	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	33%		15-110%
4165-62-2	Phenol-d5	25%		12-110%
118-79-6	2,4,6-Tribromophenol	59%		32-143%
4165-60-0	Nitrobenzene-d5	60%		29-124%
321-60-8	2-Fluorobiphenyl	48%		23-122%
1718-51-0	Terphenyl-d14	56%		22-130%

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW009		
Lab Sample ID:	JE16259-9R	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
		Percent Solids:	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 4.0	4.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]
Thallium	< 1.0	1.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA59277
(2) Prep QC Batch: MP56977

RL = Reporting Limit

Report of Analysis

Client Sample ID: DUP001
Lab Sample ID: JE16259-10R
Matrix: AQ - Ground Water
Method: SW846 8270E BY SIM SW846 3510C
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/30/25
Date Received: 07/30/25
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13423.D	1	08/07/25 20:57	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
87-86-5	Pentachlorophenol	0.0636	0.20	0.060	ug/l	J
56-55-3	Benzo(a)anthracene	ND	0.040	0.024	ug/l	
50-32-8	Benzo(a)pyrene	ND	0.040	0.024	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	0.040	0.024	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	0.080	0.040	ug/l	
218-01-9	Chrysene	ND	0.080	0.040	ug/l	
118-74-1	Hexachlorobenzene	ND	0.020	0.014	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene [a]	ND	0.080	0.040	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		15-110%
4165-62-2	Phenol-d5	26%		12-110%
118-79-6	2,4,6-Tribromophenol	80%		32-143%
4165-60-0	Nitrobenzene-d5	85%		29-124%
321-60-8	2-Fluorobiphenyl	70%		23-122%
1718-51-0	Terphenyl-d14	63%		22-130%

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE16259-10R	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
		Percent Solids:	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 4.0	4.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]
Thallium	< 1.0	1.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA59277
(2) Prep QC Batch: MP56977

RL = Reporting Limit

Report of Analysis

Client Sample ID:	EQUIPMENT BLANK		
Lab Sample ID:	JE16259-11R	**Date Sampled:**	07/30/25
Matrix:	AQ - Equipment Blank	**Date Received:**	07/30/25
Method:	SW846 8270E BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13407.D	1	08/07/25 15:06	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
87-86-5	Pentachlorophenol	ND	0.20	0.060	ug/l	
56-55-3	Benzo(a)anthracene	ND	0.040	0.024	ug/l	
50-32-8	Benzo(a)pyrene	ND	0.040	0.024	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	0.040	0.024	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	0.080	0.040	ug/l	
218-01-9	Chrysene	ND	0.080	0.040	ug/l	
118-74-1	Hexachlorobenzene	ND	0.020	0.014	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene [a]	ND	0.080	0.040	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	41%		15-110%
4165-62-2	Phenol-d5	33%		12-110%
118-79-6	2,4,6-Tribromophenol	65%		32-143%
4165-60-0	Nitrobenzene-d5	76%		29-124%
321-60-8	2-Fluorobiphenyl	62%		23-122%
1718-51-0	Terphenyl-d14	77%		22-130%

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
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E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EQUIPMENT BLANK		
Lab Sample ID:	JE16259-11R	**Date Sampled:**	07/30/25
Matrix:	AQ - Equipment Blank	**Date Received:**	07/30/25
		Percent Solids:	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	< 4.0	4.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]
Thallium	< 1.0	1.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA59277
(2) Prep QC Batch: MP56977

RL = Reporting Limit

Technical Report for

PW Grosser Consulting

ALE2501 - 60 Alexander Street, Yonkers, NY

ALE2501

SGS Job Number: JE16259T

Sampling Date: 07/30/25

Report to:

PW Grosser Consulting
630 Johnson Avenue #7
Bohemia, NY 11716
zyoungman@pwgrosser.com; jenniferl@pwgrosser.com

ATTN: Zeb Youngman

Total number of pages in report: 16

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Victoria Pushkova 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Test results relate only to samples analyzed.

Sample Summary

PW Grosser Consulting

Job No: JE16259T

ALE2501 - 60 Alexander Street, Yonkers, NY
Project No: ALE2501

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND = Not detected above the MDL							
JE16259-1T	07/30/25	10:28	RD	07/30/25	AQ	Ground Water	MW001
JE16259-2T	07/30/25	09:28	RD	07/30/25	AQ	Ground Water	MW002
JE16259-3T	07/30/25	13:09	RD	07/30/25	AQ	Ground Water	MW003
JE16259-4T	07/30/25	11:20	RD	07/30/25	AQ	Ground Water	MW004
JE16259-5DT	07/30/25	12:04	RD	07/30/25	AQ	Water Dup/MSD	MW005 MSD
JE16259-5ST	07/30/25	12:04	RD	07/30/25	AQ	Water Matrix Spike	MW005 MS
JE16259-5T	07/30/25	12:04	RD	07/30/25	AQ	Ground Water	MW005
JE16259-6T	07/30/25	16:04	RD	07/30/25	AQ	Ground Water	MW006
JE16259-7T	07/30/25	16:45	RD	07/30/25	AQ	Ground Water	MW007
JE16259-8T	07/30/25	13:53	RD	07/30/25	AQ	Ground Water	MW008
JE16259-9T	07/30/25	15:03	RD	07/30/25	AQ	Ground Water	MW009
JE16259-10T	07/30/25	00:00	RD	07/30/25	AQ	Ground Water	DUP001

Sample Summary
(continued)

PW Grosser Consulting

Job No: JE16259T

ALE2501 - 60 Alexander Street, Yonkers, NY
Project No: ALE2501

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
JE16259-11T	07/30/25	15:30	RD	07/30/25	AQ	Equipment Blank	EQUIPMENT BLANK
JE16259-12T	07/30/25	16:45	RD	07/30/25	AQ	Trip Blank Water	TRIP BLANK

Report of Analysis

Client Sample ID:	MW001		
Lab Sample ID:	JE16259-1T	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2U78766T.D	1	08/04/25 15:51	NW	n/a	n/a	V2U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-13-1	Acrylonitrile	ND	10	2.6	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
104-51-8	n-Butylbenzene	0.52	2.0	0.52	ug/l	J
135-98-8	sec-Butylbenzene	1.9	2.0	0.62	ug/l	J
98-06-6	tert-Butylbenzene	1.0	2.0	0.69	ug/l	J
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	4.2	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.89	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.42	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
103-65-1	n-Propylbenzene	2.7	2.0	0.60	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-120%
17060-07-0	1,2-Dichloroethane-D4	99%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	101%		82-114%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW002		
Lab Sample ID:	JE16259-2T	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1U78767T.D	1	08/04/25 16:05	NW	n/a	n/a	V1U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-13-1	Acrylonitrile	ND	10	2.6	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	4.2	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.89	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.42	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-120%
17060-07-0	1,2-Dichloroethane-D4	103%		80-120%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	100%		82-114%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW003		
Lab Sample ID:	JE16259-3T	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2U78768T.D	1	08/04/25 16:20	NW	n/a	n/a	V2U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-13-1	Acrylonitrile	ND	10	2.6	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	4.2	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.89	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.42	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-120%
17060-07-0	1,2-Dichloroethane-D4	99%		80-120%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	98%		82-114%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW004		
Lab Sample ID:	JE16259-4T	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1U78777T.D	1	08/04/25 18:34	NW	n/a	n/a	V1U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-13-1	Acrylonitrile	ND	10	2.6	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	4.2	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.89	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.42	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-120%
17060-07-0	1,2-Dichloroethane-D4	101%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	98%		82-114%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5T	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2U78752T.D	1	08/04/25 12:14	NW	n/a	n/a	V2U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-13-1	Acrylonitrile	ND	10	2.6	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
104-51-8	n-Butylbenzene	2.5	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	4.0	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	0.97	2.0	0.69	ug/l	J
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	4.2	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.89	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.42	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
103-65-1	n-Propylbenzene	24.8	2.0	0.60	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		80-120%
17060-07-0	1,2-Dichloroethane-D4	99%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-114%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW006		
Lab Sample ID:	JE16259-6T	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2U78778T.D	1	08/04/25 18:49	NW	n/a	n/a	V2U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-13-1	Acrylonitrile	ND	10	2.6	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	4.2	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.89	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.42	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-120%
17060-07-0	1,2-Dichloroethane-D4	99%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	98%		82-114%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW007		
Lab Sample ID:	JE16259-7T	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1U78779T.D	1	08/04/25 19:04	NW	n/a	n/a	V1U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-13-1	Acrylonitrile	ND	10	2.6	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	4.2	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.89	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.42	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-120%
17060-07-0	1,2-Dichloroethane-D4	100%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-114%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW008		
Lab Sample ID:	JE16259-8T	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2U78780T.D	1	08/04/25 19:19	NW	n/a	n/a	V2U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-13-1	Acrylonitrile	ND	10	2.6	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
104-51-8	n-Butylbenzene	2.7	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	3.9	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	4.2	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.89	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.42	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
103-65-1	n-Propylbenzene	9.9	2.0	0.60	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-120%
17060-07-0	1,2-Dichloroethane-D4	98%		80-120%
2037-26-5	Toluene-D8	100%		80-120%
460-00-4	4-Bromofluorobenzene	100%		82-114%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW009		
Lab Sample ID:	JE16259-9T	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1U78781T.D	1	08/04/25 19:34	NW	n/a	n/a	V1U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-13-1	Acrylonitrile	ND	10	2.6	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	4.2	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.89	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.42	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-120%
17060-07-0	1,2-Dichloroethane-D4	100%		80-120%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	98%		82-114%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE16259-10T	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2U78782T.D	1	08/04/25 19:49	NW	n/a	n/a	V2U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-13-1	Acrylonitrile	ND	10	2.6	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	4.2	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.89	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.42	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-120%
17060-07-0	1,2-Dichloroethane-D4	99%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	100%		82-114%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EQUIPMENT BLANK		
Lab Sample ID:	JE16259-11T	**Date Sampled:**	07/30/25
Matrix:	AQ - Equipment Blank	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1U78751T.D	1	08/04/25 12:00	NW	n/a	n/a	V1U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-13-1	Acrylonitrile	ND	10	2.6	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	4.2	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.89	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.42	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		80-120%
17060-07-0	1,2-Dichloroethane-D4	104%		80-120%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	97%		82-114%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	JE16259-12T	**Date Sampled:**	07/30/25
Matrix:	AQ - Trip Blank Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2U78750T.D	1	08/04/25 11:45	NW	n/a	n/a	V2U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-13-1	Acrylonitrile	ND	10	2.6	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
104-51-8	n-Butylbenzene	ND	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	ND	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	ND	2.0	0.69	ug/l	
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	4.2	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.89	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.42	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
103-65-1	n-Propylbenzene	ND	2.0	0.60	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		80-120%
17060-07-0	1,2-Dichloroethane-D4	100%		80-120%
2037-26-5	Toluene-D8	102%		80-120%
460-00-4	4-Bromofluorobenzene	100%		82-114%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Technical Report for

PW Grosser Consulting

ALE2501 - 60 Alexander Street, Yonkers, NY

SGS Job Number: JE14670

Sampling Date: 07/07/25

Report to:

PW Grosser Consulting
630 Johnson Avenue #7
Bohemia, NY 11716
zyoungman@pwgrosser.com; jenniferl@pwgrosser.com

ATTN: Zeb Youngman

Total number of pages in report: 224

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Victoria Pushkova 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Test results relate only to samples analyzed.

Sample Summary

PW Grosser Consulting

Job No: JE14670

ALE2501 - 60 Alexander Street, Yonkers, NY

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND = Not detected above the MDL							
JE14670-1	07/07/25	11:25	RD	07/07/25	SO	Soil	SB020 0-2
JE14670-1A	07/07/25	11:25	RD	07/07/25	SO	Soil	SB020 0-2
JE14670-2	07/07/25	11:35	RD	07/07/25	SO	Soil	SB020 13-15
JE14670-2A	07/07/25	11:35	RD	07/07/25	SO	Soil	SB020 13-15
JE14670-3	07/07/25	11:40	RD	07/07/25	SO	Soil	SB020 18-20
JE14670-4	07/07/25	12:10	RD	07/07/25	SO	Soil	SB019 2-4
JE14670-4A	07/07/25	12:10	RD	07/07/25	SO	Soil	SB019 2-4
JE14670-5	07/07/25	12:15	RD	07/07/25	SO	Soil	SB019 13-15
JE14670-5A	07/07/25	12:15	RD	07/07/25	SO	Soil	SB019 13-15
JE14670-6	07/07/25	12:20	RD	07/07/25	SO	Soil	SB019 18-20
JE14670-7	07/07/25	12:45	RD	07/07/25	SO	Soil	SB021 6-8
JE14670-7A	07/07/25	12:45	RD	07/07/25	SO	Soil	SB021 6-8

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

PW Grosser Consulting

Job No: JE14670

ALE2501 - 60 Alexander Street, Yonkers, NY

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
JE14670-8	07/07/25	12:50	RD	07/07/25	SO	Soil	SB021 13-15
JE14670-8A	07/07/25	12:50	RD	07/07/25	SO	Soil	SB021 13-15
JE14670-9	07/07/25	12:55	RD	07/07/25	SO	Soil	SB021 18-20
JE14670-9A	07/07/25	12:55	RD	07/07/25	SO	Soil	SB021 18-20
JE14670-10	07/07/25	13:35	RD	07/07/25	SO	Soil	SB016 4-6
JE14670-10A	07/07/25	13:35	RD	07/07/25	SO	Soil	SB016 4-6
JE14670-11	07/07/25	13:40	RD	07/07/25	SO	Soil	SB016 13-15
JE14670-11A	07/07/25	13:40	RD	07/07/25	SO	Soil	SB016 13-15
JE14670-12	07/07/25	13:45	RD	07/07/25	SO	Soil	SB016 18-20
JE14670-12A	07/07/25	13:45	RD	07/07/25	SO	Soil	SB016 18-20
JE14670-13	07/07/25	14:20	RD	07/07/25	SO	Soil	SB017 8-10
JE14670-13A	07/07/25	14:20	RD	07/07/25	SO	Soil	SB017 8-10
JE14670-14	07/07/25	14:30	RD	07/07/25	SO	Soil	SB017 13-15

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

PW Grosser Consulting

Job No: JE14670

ALE2501 - 60 Alexander Street, Yonkers, NY

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
JE14670-14A	07/07/25	14:30	RD	07/07/25	SO	Soil	SB017 13-15
JE14670-15	07/07/25	14:40	RD	07/07/25	SO	Soil	SB017 18-20
JE14670-16	07/07/25	14:50	RD	07/07/25	SO	Soil	DUP001
JE14670-16A	07/07/25	14:50	RD	07/07/25	SO	Soil	DUP001
JE14670-17	07/07/25	15:00	RD	07/07/25	SO	Soil	SB018 (4'-10')
JE14670-17A	07/07/25	15:00	RD	07/07/25	SO	Soil	SB018 (4'-10')
JE14670-17AD	07/07/25	15:00	RD	07/07/25	SO	Soil Dup/MSD	SB018 (4'-10')
JE14670-17AS	07/07/25	15:00	RD	07/07/25	SO	Soil Matrix Spike	SB018 (4'-10')
JE14670-17D	07/07/25	15:00	RD	07/07/25	SO	Soil Dup/MSD	SB018 (4'-10')
JE14670-17S	07/07/25	15:00	RD	07/07/25	SO	Soil Matrix Spike	SB018 (4'-10')
JE14670-18	07/07/25	15:03	RD	07/07/25	SO	Soil	SB018 13-15
JE14670-18A	07/07/25	15:03	RD	07/07/25	SO	Soil	SB018 13-15
JE14670-19	07/07/25	15:08	RD	07/07/25	SO	Soil	SB018 18-20

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

PW Grosser Consulting

Job No: JE14670

ALE2501 - 60 Alexander Street, Yonkers, NY

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
JE14670-20	07/07/25	15:10	RD	07/07/25	SO	Soil	SB018 2-4
JE14670-20A	07/07/25	15:10	RD	07/07/25	SO	Soil	SB018 2-4
JE14670-21	07/07/25	15:25	RD	07/07/25	SO	Soil	SB014 2-4
JE14670-21A	07/07/25	15:25	RD	07/07/25	SO	Soil	SB014 2-4
JE14670-22	07/07/25	15:34	RD	07/07/25	SO	Soil	SB014 13-15
JE14670-22A	07/07/25	15:34	RD	07/07/25	SO	Soil	SB014 13-15
JE14670-23	07/07/25	15:40	RD	07/07/25	SO	Soil	SB014 18-20

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Report of Analysis

Client Sample ID:	SB020 0-2		
Lab Sample ID:	JE14670-1	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	91.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194928.D	1	07/11/25 19:45	JN	n/a	n/a	V3C8458
Run #2							

	Initial Weight
Run #1	4.4 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	12	5.1	ug/kg	
71-43-2	Benzene	ND	0.62	0.56	ug/kg	
74-97-5	Bromochloromethane	ND	6.2	0.69	ug/kg	
75-27-4	Bromodichloromethane	ND	2.5	0.53	ug/kg	
75-25-2	Bromoform	ND	6.2	1.7	ug/kg	
74-83-9	Bromomethane [a]	ND	6.2	0.95	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	3.0	ug/kg	
75-15-0	Carbon disulfide	ND	2.5	0.66	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.5	0.77	ug/kg	
108-90-7	Chlorobenzene	ND	2.5	0.57	ug/kg	
75-00-3	Chloroethane [a]	ND	6.2	0.73	ug/kg	
67-66-3	Chloroform	ND	2.5	1.2	ug/kg	
74-87-3	Chloromethane	ND	6.2	2.4	ug/kg	
110-82-7	Cyclohexane [a]	ND	2.5	0.81	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.86	ug/kg	
124-48-1	Dibromochloromethane	ND	2.5	0.69	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.52	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	0.68	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	0.61	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	0.61	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.2	0.90	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	0.61	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.58	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.2	0.81	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.76	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	0.59	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.59	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.57	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.56	ug/kg	
76-13-1	Freon 113	ND	6.2	3.3	ug/kg	
591-78-6	2-Hexanone	ND	6.2	2.6	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB020 0-2		
Lab Sample ID:	JE14670-1	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	91.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.5	1.8	ug/kg	
79-20-9	Methyl Acetate	ND	6.2	1.7	ug/kg	
108-87-2	Methylcyclohexane	ND	2.5	1.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.58	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.2	2.8	ug/kg	
75-09-2	Methylene chloride	ND	6.2	3.2	ug/kg	
100-42-5	Styrene	ND	2.5	0.50	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.74	ug/kg	
127-18-4	Tetrachloroethene	ND	2.5	0.72	ug/kg	
108-88-3	Toluene	ND	1.2	0.65	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	3.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	3.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.60	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	0.69	ug/kg	
79-01-6	Trichloroethene	ND	1.2	0.94	ug/kg	
75-69-4	Trichlorofluoromethane [a]	ND	6.2	0.85	ug/kg	
75-01-4	Vinyl chloride	ND	2.5	0.60	ug/kg	
	m,p-Xylene	ND	1.2	1.1	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.57	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.57	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-124%
17060-07-0	1,2-Dichloroethane-D4	96%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB020 0-2		
Lab Sample ID:	JE14670-1	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	91.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12750.D	1	07/12/25 21:18	KLS	07/08/25 17:00	OP65176	ECT571
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	73	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	31	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	65	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	180	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	180	39	ug/kg	
95-48-7	2-Methylphenol	ND	73	23	ug/kg	
	3&4-Methylphenol	ND	73	30	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	180	24	ug/kg	
100-02-7	4-Nitrophenol	ND	360	97	ug/kg	
87-86-5	Pentachlorophenol [a]	ND	150	34	ug/kg	
108-95-2	Phenol	ND	73	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	24	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	27	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	22	ug/kg	
83-32-9	Acenaphthene	ND	36	13	ug/kg	
208-96-8	Acenaphthylene	21.3	36	18	ug/kg	J
98-86-2	Acetophenone	ND	180	7.8	ug/kg	
120-12-7	Anthracene	ND	36	22	ug/kg	
1912-24-9	Atrazine	ND	73	16	ug/kg	
56-55-3	Benzo(a)anthracene	51.8	36	10	ug/kg	
50-32-8	Benzo(a)pyrene	59.7	36	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	74.0	36	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	48.6	36	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	23.9	36	17	ug/kg	J
101-55-3	4-Bromophenyl phenyl ether	ND	73	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	73	8.9	ug/kg	
92-52-4	1,1'-Biphenyl	ND	73	5.0	ug/kg	
100-52-7	Benzaldehyde	ND	180	9.0	ug/kg	
91-58-7	2-Chloronaphthalene	ND	73	8.7	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	ND	73	5.3	ug/kg	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB020 0-2		
Lab Sample ID:	JE14670-1	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	91.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	73	14	ug/kg	
218-01-9	Chrysene	58.3	36	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	73	7.8	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	73	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	73	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	73	12	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	36	11	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	36	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	73	30	ug/kg	
123-91-1	1,4-Dioxane	ND	36	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	36	16	ug/kg	
132-64-9	Dibenzofuran	ND	73	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	73	5.9	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	73	9.1	ug/kg	
84-66-2	Diethyl phthalate	ND	73	7.7	ug/kg	
131-11-3	Dimethyl phthalate	ND	73	6.5	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	11.3	73	8.5	ug/kg	J
206-44-0	Fluoranthene	78.7	36	16	ug/kg	
86-73-7	Fluorene	ND	36	17	ug/kg	
118-74-1	Hexachlorobenzene [a]	ND	73	9.2	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	36	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	360	14	ug/kg	
67-72-1	Hexachloroethane [a]	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	36.2	36	17	ug/kg	
78-59-1	Isophorone	ND	73	7.8	ug/kg	
91-57-6	2-Methylnaphthalene	14.6	36	8.2	ug/kg	J
88-74-4	2-Nitroaniline	ND	180	8.6	ug/kg	
99-09-2	3-Nitroaniline	ND	180	9.1	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.4	ug/kg	
91-20-3	Naphthalene	10.5	36	10	ug/kg	J
98-95-3	Nitrobenzene	ND	73	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	73	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	32.8	36	12	ug/kg	J
129-00-0	Pyrene	88.0	36	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	8% [b]		10-99%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB020 0-2		
Lab Sample ID:	JE14670-1	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	91.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	25%		10-96%
118-79-6	2,4,6-Tribromophenol	8% [b]		10-123%
4165-60-0	Nitrobenzene-d5	32%		10-109%
321-60-8	2-Fluorobiphenyl	42%		11-109%
1718-51-0	Terphenyl-d14	44%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Outside control limits due to matrix interference.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB020 0-2		
Lab Sample ID:	JE14670-1	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8081B SW846 3546	**Percent Solids:**	91.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RK30035.D	1	07/22/25 09:59	CP	07/21/25 10:00	OP65540	GRK900
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.71	0.59	ug/kg	
319-84-6	alpha-BHC	ND	0.71	0.58	ug/kg	
319-85-7	beta-BHC	ND	0.71	0.64	ug/kg	
319-86-8	delta-BHC	ND	0.71	0.68	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.71	0.53	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.71	0.58	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.71	0.32	ug/kg	
60-57-1	Dieldrin	ND	0.71	0.49	ug/kg	
72-54-8	4,4'-DDD	ND	0.71	0.65	ug/kg	
72-55-9	4,4'-DDE	ND	0.71	0.63	ug/kg	
50-29-3	4,4'-DDT	2.1	0.71	0.63	ug/kg	
72-20-8	Endrin	ND	0.71	0.55	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.71	0.56	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.71	0.40	ug/kg	
959-98-8	Endosulfan-I	ND	0.71	0.41	ug/kg	
33213-65-9	Endosulfan-II	ND	0.71	0.44	ug/kg	
76-44-8	Heptachlor	ND	0.71	0.61	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.71	0.50	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.57	ug/kg	
53494-70-5	Endrin ketone	ND	0.71	0.52	ug/kg	
8001-35-2	Toxaphene	ND	18	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	53%		13-162%
877-09-8	Tetrachloro-m-xylene	59%		13-162%
2051-24-3	Decachlorobiphenyl	44%		10-180%
2051-24-3	Decachlorobiphenyl	58%		10-180%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB020 0-2		
Lab Sample ID:	JE14670-1	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	91.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G149777.D	1	07/10/25 03:57	AS	07/09/25 11:30	OP65168	G3G5499
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	17	ug/kg	
11104-28-2	Aroclor 1221	ND	36	22	ug/kg	
11141-16-5	Aroclor 1232	ND	36	23	ug/kg	
53469-21-9	Aroclor 1242	ND	36	15	ug/kg	
12672-29-6	Aroclor 1248	ND	36	32	ug/kg	
11097-69-1	Aroclor 1254	ND	36	19	ug/kg	
11096-82-5	Aroclor 1260	39.2	36	15	ug/kg	
11100-14-4	Aroclor 1268	ND	36	31	ug/kg	
37324-23-5	Aroclor 1262	ND	36	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	62%		10-174%
877-09-8	Tetrachloro-m-xylene	66%		10-174%
2051-24-3	Decachlorobiphenyl	55%		10-195%
2051-24-3	Decachlorobiphenyl	58%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB020 0-2
Lab Sample ID: JE14670-1
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 91.7

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	7740	56	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Antimony	< 2.2	2.2	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Arsenic	2.7	2.2	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Barium	50.4	22	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Beryllium	0.29	0.22	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Cadmium	< 0.56	0.56	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Calcium	35100	1100	mg/kg	2	07/10/25	07/15/25	MM	SW846 6010D [3]	SW846 3050B [5]
Chromium	17.3	1.1	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Cobalt	< 5.6	5.6	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Copper	34.1	2.8	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Iron	11700	56	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Lead	42.9	2.2	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Magnesium	9710	560	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Manganese	261	1.7	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Mercury	0.055	0.030	mg/kg	1	07/08/25	07/08/25	CM	SW846 7471B [1]	SW846 7471B [4]
Nickel	13.2	4.5	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Potassium	< 1100	1100	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Selenium	< 2.2	2.2	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Silver	< 0.56	0.56	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Sodium	< 1100	1100	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Thallium	< 1.1	1.1	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Vanadium	22.6	5.6	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Zinc	49.0	5.6	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA58906
(2) Instrument QC Batch: MA58931
(3) Instrument QC Batch: MA58956
(4) Prep QC Batch: MP55680
(5) Prep QC Batch: MP55735

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB020 0-2		
Lab Sample ID:	JE14670-1	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	91.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	0.74	0.43	mg/kg	1	07/11/25 15:19	RI	SW846 3060A/7196A
Cyanide	< 0.30	0.30	mg/kg	1	07/09/25 18:57	SS	SW846 9012B/LACHAT
Solids, Percent	91.7		%	1	07/08/25 10:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB020 0-2		
Lab Sample ID:	JE14670-1A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	91.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1206.D	1	07/15/25 19:04	MH	07/15/25 18:00	OP65400	T6Q134
Run #2							

	Initial Weight	Final Volume
Run #1	5.01 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.87	0.12	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.44	0.076	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.033	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.054	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.22	0.087	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.054	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.076	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.065	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.087	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.098	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.076	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.11	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.22	0.12	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.11	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	0.47	0.22	0.054	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.15	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.12	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.054	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.87	0.30	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.87	0.11	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.87	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.22	0.076	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.065	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.054	ug/kg	

ND = Not detected MDL = Method Detection Limit
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E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB020 0-2		
Lab Sample ID:	JE14670-1A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	91.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.22	0.087	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.14	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.2	0.30	ug/kg	
1691-99-2	EtFOSE	ND	2.2	0.79	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.87	0.20	ug/kg	
919005-14-4	ADONA	ND	0.87	0.13	ug/kg	
377-73-1	PFMPA	ND	0.44	0.033	ug/kg	
863090-89-5	PFMBA	ND	0.44	0.065	ug/kg	
151772-58-6	NFDHA	ND	0.44	0.14	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.87	0.28	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.87	0.20	ug/kg	
113507-82-7	PFEESA	ND	0.44	0.033	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.26	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.4	0.67	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.4	0.69	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	56%		8-130%
	13C5-PFPeA	55%		35-130%
	13C5-PFHxA	52%		40-130%
	13C4-PFHpA	53%		40-130%
	13C8-PFOA	56%		40-130%
	13C9-PFNA	54%		40-130%
	13C6-PFDA	52%		40-130%
	13C7-PFUnDA	55%		40-130%
	13C2-PFDoDA	55%		40-130%
	13C2-PFTeDA	64%		20-130%
	13C3-PFBS	55%		40-135%
	13C3-PFHxS	53%		40-130%

ND = Not detected MDL = Method Detection Limit
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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB020 0-2		
Lab Sample ID:	JE14670-1A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	91.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	58%		40-130%
	13C8-FOSA	53%		40-130%
	d3-MeFOSA	46%		10-130%
	d5-EtFOSA	46%		10-130%
	d3-MeFOSAA	52%		40-135%
	d5-EtFOSAA	55%		40-150%
	d7-MeFOSE	54%		20-130%
	d9-EtFOSE	48%		15-130%
	13C2-4:2FTS	54%		40-165%
	13C2-6:2FTS	61%		40-215%
	13C2-8:2FTS	125%		40-275%
	13C3-HFPO-DA	53%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB020 13-15		
Lab Sample ID:	JE14670-2	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	82.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194929.D	1	07/11/25 20:11	JN	n/a	n/a	V3C8458
Run #2							

	Initial Weight
Run #1	6.5 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	16.4	9.3	3.9	ug/kg	
71-43-2	Benzene	ND	0.47	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	4.7	0.52	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.40	ug/kg	
75-25-2	Bromoform	ND	4.7	1.3	ug/kg	
74-83-9	Bromomethane [a]	ND	4.7	0.71	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.3	2.3	ug/kg	
75-15-0	Carbon disulfide	ND	1.9	0.50	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.58	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.43	ug/kg	
75-00-3	Chloroethane [a]	ND	4.7	0.55	ug/kg	
67-66-3	Chloroform	ND	1.9	0.93	ug/kg	
74-87-3	Chloromethane	ND	4.7	1.8	ug/kg	
110-82-7	Cyclohexane [a]	ND	1.9	0.61	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.65	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.52	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.93	0.39	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.93	0.51	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.93	0.46	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.93	0.46	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.7	0.68	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.93	0.46	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.93	0.44	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.93	0.61	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.93	0.78	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.93	0.57	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.44	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.44	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.43	ug/kg	
100-41-4	Ethylbenzene	ND	0.93	0.42	ug/kg	
76-13-1	Freon 113	ND	4.7	2.5	ug/kg	
591-78-6	2-Hexanone	ND	4.7	2.0	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB020 13-15		
Lab Sample ID:	JE14670-2	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	82.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.9	1.3	ug/kg	
79-20-9	Methyl Acetate	ND	4.7	1.3	ug/kg	
108-87-2	Methylcyclohexane	ND	1.9	0.82	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.93	0.44	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.7	2.1	ug/kg	
75-09-2	Methylene chloride	ND	4.7	2.4	ug/kg	
100-42-5	Styrene	ND	1.9	0.37	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.56	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.54	ug/kg	
108-88-3	Toluene	ND	0.93	0.49	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.7	2.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.7	2.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.45	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.52	ug/kg	
79-01-6	Trichloroethene	ND	0.93	0.71	ug/kg	
75-69-4	Trichlorofluoromethane [a]	ND	4.7	0.64	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.45	ug/kg	
	m,p-Xylene	ND	0.93	0.84	ug/kg	
95-47-6	o-Xylene	ND	0.93	0.43	ug/kg	
1330-20-7	Xylene (total)	ND	0.93	0.43	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-124%
17060-07-0	1,2-Dichloroethane-D4	97%		75-133%
2037-26-5	Toluene-D8	104%		79-125%
460-00-4	4-Bromofluorobenzene	104%		58-148%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB020 13-15		
Lab Sample ID:	JE14670-2	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	82.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12744.D	1	07/12/25 19:30	KLS	07/08/25 17:00	OP65176	ECT571
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	81	20	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	25	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	72	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	200	43	ug/kg	
95-48-7	2-Methylphenol	ND	81	26	ug/kg	
	3&4-Methylphenol	ND	81	33	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	200	27	ug/kg	
100-02-7	4-Nitrophenol	ND	400	110	ug/kg	
87-86-5	Pentachlorophenol [a]	ND	160	38	ug/kg	
108-95-2	Phenol	ND	81	21	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	27	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	30	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	24	ug/kg	
83-32-9	Acenaphthene	34.6	40	14	ug/kg	J
208-96-8	Acenaphthylene	ND	40	20	ug/kg	
98-86-2	Acetophenone	ND	200	8.7	ug/kg	
120-12-7	Anthracene	26.1	40	25	ug/kg	J
1912-24-9	Atrazine	ND	81	17	ug/kg	
56-55-3	Benzo(a)anthracene	58.1	40	11	ug/kg	
50-32-8	Benzo(a)pyrene	42.6	40	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	53.0	40	18	ug/kg	
191-24-2	Benzo(g,h,i)perylene	22.7	40	20	ug/kg	J
207-08-9	Benzo(k)fluoranthene	ND	40	19	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	81	16	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	81	9.8	ug/kg	
92-52-4	1,1'-Biphenyl	6.3	81	5.5	ug/kg	J
100-52-7	Benzaldehyde	14.6	200	10	ug/kg	J
91-58-7	2-Chloronaphthalene	ND	81	9.6	ug/kg	
106-47-8	4-Chloroaniline	ND	200	14	ug/kg	
86-74-8	Carbazole	6.2	81	5.8	ug/kg	J

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB020 13-15		
Lab Sample ID:	JE14670-2	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	82.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	81	16	ug/kg	
218-01-9	Chrysene	54.3	40	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	81	8.6	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	81	17	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	81	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	81	13	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	40	12	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	40	20	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	81	34	ug/kg	
123-91-1	1,4-Dioxane	ND	40	27	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	40	18	ug/kg	
132-64-9	Dibenzofuran	ND	81	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	81	6.6	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	81	10	ug/kg	
84-66-2	Diethyl phthalate	ND	81	8.6	ug/kg	
131-11-3	Dimethyl phthalate	ND	81	7.2	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	81	9.4	ug/kg	
206-44-0	Fluoranthene	151	40	18	ug/kg	
86-73-7	Fluorene	ND	40	18	ug/kg	
118-74-1	Hexachlorobenzene [a]	ND	81	10	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	40	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	400	16	ug/kg	
67-72-1	Hexachloroethane [a]	ND	200	20	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	40	19	ug/kg	
78-59-1	Isophorone	ND	81	8.6	ug/kg	
91-57-6	2-Methylnaphthalene	11.2	40	9.1	ug/kg	J
88-74-4	2-Nitroaniline	ND	200	9.5	ug/kg	
99-09-2	3-Nitroaniline	ND	200	10	ug/kg	
100-01-6	4-Nitroaniline	ND	200	10	ug/kg	
91-20-3	Naphthalene	70.2	40	11	ug/kg	
98-95-3	Nitrobenzene	ND	81	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	81	12	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	15	ug/kg	
85-01-8	Phenanthrene	96.9	40	14	ug/kg	
129-00-0	Pyrene	143	40	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	34%		10-99%

ND = Not detected MDL = Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB020 13-15		
Lab Sample ID:	JE14670-2	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	82.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	34%		10-96%
118-79-6	2,4,6-Tribromophenol	53%		10-123%
4165-60-0	Nitrobenzene-d5	32%		10-109%
321-60-8	2-Fluorobiphenyl	44%		11-109%
1718-51-0	Terphenyl-d14	44%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB020 13-15
Lab Sample ID: JE14670-2
Matrix: SO - Soil
Method: SW846 8081B SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 82.5

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RK30018.D	1	07/22/25 04:56	CP	07/21/25 10:00	OP65540	GRK900
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.79	0.65	ug/kg	
319-84-6	alpha-BHC	ND	0.79	0.64	ug/kg	
319-85-7	beta-BHC	ND	0.79	0.71	ug/kg	
319-86-8	delta-BHC	ND	0.79	0.76	ug/kg	
58-89-9	gamma-BHC (Lindane) [a]	1.1	0.79	0.58	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.79	0.64	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.79	0.36	ug/kg	
60-57-1	Dieldrin	ND	0.79	0.54	ug/kg	
72-54-8	4,4'-DDD	ND	0.79	0.72	ug/kg	
72-55-9	4,4'-DDE	ND	0.79	0.69	ug/kg	
50-29-3	4,4'-DDT	ND	0.79	0.70	ug/kg	
72-20-8	Endrin	ND	0.79	0.61	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.79	0.61	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.79	0.45	ug/kg	
959-98-8	Endosulfan-I	ND	0.79	0.45	ug/kg	
33213-65-9	Endosulfan-II	ND	0.79	0.49	ug/kg	
76-44-8	Heptachlor	ND	0.79	0.68	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.79	0.55	ug/kg	
72-43-5	Methoxychlor	ND	1.6	0.63	ug/kg	
53494-70-5	Endrin ketone	ND	0.79	0.57	ug/kg	
8001-35-2	Toxaphene	ND	20	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	22%		13-162%
877-09-8	Tetrachloro-m-xylene	45%		13-162%
2051-24-3	Decachlorobiphenyl	28%		10-180%
2051-24-3	Decachlorobiphenyl	33%		10-180%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB020 13-15		
Lab Sample ID:	JE14670-2	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	82.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G149778.D	1	07/10/25 04:13	AS	07/09/25 11:30	OP65168	G3G5499
Run #2							

	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	38	18	ug/kg	
11104-28-2	Aroclor 1221	ND	38	24	ug/kg	
11141-16-5	Aroclor 1232	ND	38	24	ug/kg	
53469-21-9	Aroclor 1242	ND	38	16	ug/kg	
12672-29-6	Aroclor 1248	ND	38	34	ug/kg	
11097-69-1	Aroclor 1254	ND	38	21	ug/kg	
11096-82-5	Aroclor 1260	ND	38	16	ug/kg	
11100-14-4	Aroclor 1268	ND	38	34	ug/kg	
37324-23-5	Aroclor 1262	ND	38	25	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	96%		10-174%
877-09-8	Tetrachloro-m-xylene	106%		10-174%
2051-24-3	Decachlorobiphenyl	101%		10-195%
2051-24-3	Decachlorobiphenyl	104%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB020 13-15
Lab Sample ID: JE14670-2
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 82.5

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2180	61	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [4]
Antimony	< 2.5	2.5	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	4.7	2.5	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [4]
Barium	48.2	25	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	0.26	0.25	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	< 0.61	0.61	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [4]
Calcium	2220	610	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [4]
Chromium	5.7	1.2	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	< 6.1	6.1	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [4]
Copper	24.9	3.1	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [4]
Iron	4960	61	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [4]
Lead	168	2.5	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	< 610	610	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [4]
Manganese	56.0	1.8	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [4]
Mercury	0.057	0.035	mg/kg	1	07/08/25	07/08/25	CM	SW846 7471B [1]	SW846 7471B [3]
Nickel	9.5	4.9	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 1200	1200	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [4]
Selenium	< 2.5	2.5	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [4]
Silver	< 0.61	0.61	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 1200	1200	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [4]
Thallium	< 1.2	1.2	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	10.9	6.1	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [4]
Zinc	69.1	6.1	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA58906
(2) Instrument QC Batch: MA58931
(3) Prep QC Batch: MP55680
(4) Prep QC Batch: MP55735

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB020 13-15		
Lab Sample ID:	JE14670-2	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	82.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.48	0.48	mg/kg	1	07/11/25 15:19	RI	SW846 3060A/7196A
Cyanide	< 0.27	0.27	mg/kg	1	07/09/25 18:58	SS	SW846 9012B/LACHAT
Solids, Percent	82.5		%	1	07/08/25 10:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB020 13-15
Lab Sample ID: JE14670-2A
Matrix: SO - Soil
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 82.5

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1207.D	1	07/15/25 19:17	MH	07/15/25 18:00	OP65400	T6Q134
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.97	0.13	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.48	0.085	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.24	0.036	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.24	0.061	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.24	0.097	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.24	0.061	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.24	0.085	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.24	0.073	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.24	0.097	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.24	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.24	0.12	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.24	0.085	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.24	0.12	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.24	0.13	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.24	0.12	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	0.61	0.24	0.061	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.24	0.17	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.24	0.13	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.24	0.061	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.97	0.34	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.97	0.12	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.97	0.23	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.24	0.085	ug/kg	
31506-32-8	MeFOSA	ND	0.24	0.073	ug/kg	
4151-50-2	EtFOSA	ND	0.24	0.061	ug/kg	

ND = Not detected MDL = Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB020 13-15		
Lab Sample ID:	JE14670-2A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	82.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.24	0.097	ug/kg	
2991-50-6	EtFOSAA	ND	0.24	0.16	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.4	0.34	ug/kg	
1691-99-2	EtFOSE	ND	2.4	0.88	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.97	0.22	ug/kg	
919005-14-4	ADONA	ND	0.97	0.15	ug/kg	
377-73-1	PFMPA	ND	0.48	0.036	ug/kg	
863090-89-5	PFMBA	ND	0.48	0.073	ug/kg	
151772-58-6	NFDHA	ND	0.48	0.16	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.97	0.32	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.97	0.22	ug/kg	
113507-82-7	PFEESA	ND	0.48	0.036	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.29	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.1	0.75	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.1	0.76	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	65%		8-130%
	13C5-PFPeA	66%		35-130%
	13C5-PFHxA	66%		40-130%
	13C4-PFHpA	65%		40-130%
	13C8-PFOA	65%		40-130%
	13C9-PFNA	60%		40-130%
	13C6-PFDA	59%		40-130%
	13C7-PFUnDA	63%		40-130%
	13C2-PFDoDA	63%		40-130%
	13C2-PFTeDA	72%		20-130%
	13C3-PFBS	66%		40-135%
	13C3-PFHxS	61%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB020 13-15		
Lab Sample ID:	JE14670-2A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	82.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	64%		40-130%
	13C8-FOSA	69%		40-130%
	d3-MeFOSA	64%		10-130%
	d5-EtFOSA	63%		10-130%
	d3-MeFOSAA	65%		40-135%
	d5-EtFOSAA	67%		40-150%
	d7-MeFOSE	71%		20-130%
	d9-EtFOSE	67%		15-130%
	13C2-4:2FTS	74%		40-165%
	13C2-6:2FTS	86%		40-215%
	13C2-8:2FTS	148%		40-275%
	13C3-HFPO-DA	66%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB020 18-20		
Lab Sample ID:	JE14670-3	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	66.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Percent	66.5		%	1	07/08/25 10:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB019 2-4		
Lab Sample ID:	JE14670-4	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	88.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194930.D	1	07/11/25 20:37	JN	n/a	n/a	V3C8458
Run #2							

	Initial Weight
Run #1	4.9 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	12	4.8	ug/kg	
71-43-2	Benzene	ND	0.58	0.52	ug/kg	
74-97-5	Bromochloromethane	ND	5.8	0.65	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	0.49	ug/kg	
75-25-2	Bromoform	ND	5.8	1.6	ug/kg	
74-83-9	Bromomethane [a]	ND	5.8	0.88	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.8	ug/kg	
75-15-0	Carbon disulfide	ND	2.3	0.62	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	0.71	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.53	ug/kg	
75-00-3	Chloroethane [a]	ND	5.8	0.68	ug/kg	
67-66-3	Chloroform	ND	2.3	1.2	ug/kg	
74-87-3	Chloromethane	ND	5.8	2.3	ug/kg	
110-82-7	Cyclohexane [a]	ND	2.3	0.76	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	0.80	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	0.65	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.49	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	0.63	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	0.57	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	0.57	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.8	0.84	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	0.57	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.54	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.2	0.76	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.97	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.70	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	0.55	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	0.55	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	0.53	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.52	ug/kg	
76-13-1	Freon 113	ND	5.8	3.1	ug/kg	
591-78-6	2-Hexanone	ND	5.8	2.4	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB019 2-4		
Lab Sample ID:	JE14670-4	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	88.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.3	1.6	ug/kg	
79-20-9	Methyl Acetate	ND	5.8	1.6	ug/kg	
108-87-2	Methylcyclohexane	ND	2.3	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.54	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.8	2.6	ug/kg	
75-09-2	Methylene chloride	ND	5.8	3.0	ug/kg	
100-42-5	Styrene	ND	2.3	0.46	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	0.69	ug/kg	
127-18-4	Tetrachloroethene	ND	2.3	0.67	ug/kg	
108-88-3	Toluene	ND	1.2	0.61	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.8	2.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.8	2.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.56	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.64	ug/kg	
79-01-6	Trichloroethene	ND	1.2	0.88	ug/kg	
75-69-4	Trichlorofluoromethane [a]	ND	5.8	0.79	ug/kg	
75-01-4	Vinyl chloride	ND	2.3	0.55	ug/kg	
	m,p-Xylene	ND	1.2	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.53	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.53	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-124%
17060-07-0	1,2-Dichloroethane-D4	95%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	98%		58-148%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB019 2-4
Lab Sample ID: JE14670-4
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 88.5

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12745.D	1	07/12/25 19:48	KLS	07/08/25 17:00	OP65176	ECT571
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	75	19	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	23	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	32	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	67	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	190	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	190	40	ug/kg	
95-48-7	2-Methylphenol	ND	75	24	ug/kg	
	3&4-Methylphenol	ND	75	31	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	190	25	ug/kg	
100-02-7	4-Nitrophenol	ND	380	100	ug/kg	
87-86-5	Pentachlorophenol [a]	ND	150	35	ug/kg	
108-95-2	Phenol	ND	75	20	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	25	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	28	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	22	ug/kg	
83-32-9	Acenaphthene	23.3	38	13	ug/kg	J
208-96-8	Acenaphthylene	ND	38	19	ug/kg	
98-86-2	Acetophenone	ND	190	8.1	ug/kg	
120-12-7	Anthracene	64.0	38	23	ug/kg	
1912-24-9	Atrazine	ND	75	16	ug/kg	
56-55-3	Benzo(a)anthracene	184	38	11	ug/kg	
50-32-8	Benzo(a)pyrene	191	38	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	233	38	17	ug/kg	
191-24-2	Benzo(g,h,i)perylene	127	38	19	ug/kg	
207-08-9	Benzo(k)fluoranthene	59.9	38	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	75	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	75	9.2	ug/kg	
92-52-4	1,1'-Biphenyl	ND	75	5.2	ug/kg	
100-52-7	Benzaldehyde	ND	190	9.3	ug/kg	
91-58-7	2-Chloronaphthalene	ND	75	9.0	ug/kg	
106-47-8	4-Chloroaniline	ND	190	14	ug/kg	
86-74-8	Carbazole	19.9	75	5.5	ug/kg	J

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB019 2-4
Lab Sample ID: JE14670-4
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 88.5

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	75	15	ug/kg	
218-01-9	Chrysene	178	38	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	75	8.1	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	75	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	75	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	75	12	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	38	12	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	38	19	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	75	31	ug/kg	
123-91-1	1,4-Dioxane	ND	38	25	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	29.4	38	17	ug/kg	J
132-64-9	Dibenzofuran	ND	75	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	75	6.1	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	75	9.4	ug/kg	
84-66-2	Diethyl phthalate	ND	75	8.0	ug/kg	
131-11-3	Dimethyl phthalate	ND	75	6.7	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	75	8.8	ug/kg	
206-44-0	Fluoranthene	408	38	17	ug/kg	
86-73-7	Fluorene	21.0	38	17	ug/kg	J
118-74-1	Hexachlorobenzene [a]	ND	75	9.5	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	38	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	380	15	ug/kg	
67-72-1	Hexachloroethane [a]	ND	190	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	98.2	38	18	ug/kg	
78-59-1	Isophorone	ND	75	8.1	ug/kg	
91-57-6	2-Methylnaphthalene	ND	38	8.5	ug/kg	
88-74-4	2-Nitroaniline	ND	190	8.9	ug/kg	
99-09-2	3-Nitroaniline	ND	190	9.4	ug/kg	
100-01-6	4-Nitroaniline	ND	190	9.8	ug/kg	
91-20-3	Naphthalene	11.3	38	11	ug/kg	J
98-95-3	Nitrobenzene	ND	75	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	75	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	14	ug/kg	
85-01-8	Phenanthrene	282	38	13	ug/kg	
129-00-0	Pyrene	355	38	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	9.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	48%		10-99%

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J = Indicates an estimated value
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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB019 2-4		
Lab Sample ID:	JE14670-4	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	88.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	46%		10-96%
118-79-6	2,4,6-Tribromophenol	72%		10-123%
4165-60-0	Nitrobenzene-d5	46%		10-109%
321-60-8	2-Fluorobiphenyl	58%		11-109%
1718-51-0	Terphenyl-d14	64%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB019 2-4		
Lab Sample ID:	JE14670-4	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8081B SW846 3546	**Percent Solids:**	88.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RK30020.D	1	07/22/25 05:32	CP	07/21/25 10:00	OP65540	GRK900
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.74	0.61	ug/kg	
319-84-6	alpha-BHC	ND	0.74	0.60	ug/kg	
319-85-7	beta-BHC	ND	0.74	0.67	ug/kg	
319-86-8	delta-BHC	ND	0.74	0.71	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.74	0.55	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.74	0.60	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.74	0.34	ug/kg	
60-57-1	Dieldrin	ND	0.74	0.51	ug/kg	
72-54-8	4,4'-DDD	ND	0.74	0.68	ug/kg	
72-55-9	4,4'-DDE	ND	0.74	0.65	ug/kg	
50-29-3	4,4'-DDT	ND	0.74	0.66	ug/kg	
72-20-8	Endrin	ND	0.74	0.58	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.74	0.58	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.74	0.42	ug/kg	
959-98-8	Endosulfan-I	ND	0.74	0.43	ug/kg	
33213-65-9	Endosulfan-II	ND	0.74	0.46	ug/kg	
76-44-8	Heptachlor	ND	0.74	0.64	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.74	0.52	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.59	ug/kg	
53494-70-5	Endrin ketone	ND	0.74	0.54	ug/kg	
8001-35-2	Toxaphene	ND	19	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	58%		13-162%
877-09-8	Tetrachloro-m-xylene	67%		13-162%
2051-24-3	Decachlorobiphenyl	57%		10-180%
2051-24-3	Decachlorobiphenyl	63%		10-180%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB019 2-4		
Lab Sample ID:	JE14670-4	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	88.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G149780.D	1	07/10/25 04:46	AS	07/09/25 11:30	OP65168	G3G5499
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	38	18	ug/kg	
11104-28-2	Aroclor 1221	ND	38	23	ug/kg	
11141-16-5	Aroclor 1232	ND	38	24	ug/kg	
53469-21-9	Aroclor 1242	ND	38	15	ug/kg	
12672-29-6	Aroclor 1248	ND	38	34	ug/kg	
11097-69-1	Aroclor 1254	ND	38	20	ug/kg	
11096-82-5	Aroclor 1260	ND	38	16	ug/kg	
11100-14-4	Aroclor 1268	ND	38	33	ug/kg	
37324-23-5	Aroclor 1262	ND	38	25	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	69%		10-174%
877-09-8	Tetrachloro-m-xylene	77%		10-174%
2051-24-3	Decachlorobiphenyl	68%		10-195%
2051-24-3	Decachlorobiphenyl	65%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB019 2-4
Lab Sample ID: JE14670-4
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 88.5

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	12500	55	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Antimony	< 2.2	2.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	4.1	2.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Barium	70.1	22	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	0.34	0.22	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	< 0.55	0.55	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Calcium	5190	550	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Chromium	20.2	1.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	9.3	5.5	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Copper	47.3	2.7	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Iron	16800	55	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Lead	193	2.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	4830	550	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Manganese	258	1.6	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Mercury	0.36	0.031	mg/kg	1	07/08/25	07/08/25	CM	SW846 7471B [1]	SW846 7471B [3]
Nickel	27.8	4.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 1100	1100	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Selenium	< 2.2	2.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Silver	< 0.55	0.55	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 1100	1100	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Thallium	< 1.1	1.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	31.9	5.5	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Zinc	95.0	5.5	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA58906
(2) Instrument QC Batch: MA58936
(3) Prep QC Batch: MP55680
(4) Prep QC Batch: MP55735

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB019 2-4		
Lab Sample ID:	JE14670-4	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	88.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	0.88	0.45	mg/kg	1	07/11/25 15:19	RI	SW846 3060A/7196A
Cyanide	0.69	0.25	mg/kg	1	07/09/25 19:00	SS	SW846 9012B/LACHAT
Solids, Percent	88.5		%	1	07/08/25 10:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB019 2-4
Lab Sample ID: JE14670-4A
Matrix: SO - Soil
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 88.5

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1208.D	1	07/15/25 19:31	MH	07/15/25 18:00	OP65400	T6Q134
Run #2							

	Initial Weight	Final Volume
Run #1	5.00 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.90	0.12	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.45	0.079	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.23	0.034	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.23	0.056	ug/kg	
335-67-1	Perfluorooctanoic acid	0.76	0.23	0.090	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.23	0.056	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.23	0.079	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.23	0.068	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.23	0.090	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.23	0.10	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.23	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.23	0.079	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.23	0.11	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.23	0.12	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.23	0.11	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.23	0.056	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.23	0.16	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.23	0.12	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.23	0.056	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.90	0.32	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.90	0.11	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.90	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.23	0.079	ug/kg	
31506-32-8	MeFOSA	ND	0.23	0.068	ug/kg	
4151-50-2	EtFOSA	ND	0.23	0.056	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB019 2-4		
Lab Sample ID:	JE14670-4A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	88.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.23	0.090	ug/kg	
2991-50-6	EtFOSAA	ND	0.23	0.15	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.3	0.32	ug/kg	
1691-99-2	EtFOSE	ND	2.3	0.82	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.90	0.20	ug/kg	
919005-14-4	ADONA	ND	0.90	0.14	ug/kg	
377-73-1	PFMPA	ND	0.45	0.034	ug/kg	
863090-89-5	PFMBA	ND	0.45	0.068	ug/kg	
151772-58-6	NFDHA	ND	0.45	0.15	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.90	0.29	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.90	0.20	ug/kg	
113507-82-7	PFEESA	ND	0.45	0.034	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.27	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.6	0.70	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.6	0.71	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	70%		8-130%
	13C5-PFPeA	71%		35-130%
	13C5-PFHxA	70%		40-130%
	13C4-PFHpA	70%		40-130%
	13C8-PFOA	69%		40-130%
	13C9-PFNA	66%		40-130%
	13C6-PFDA	65%		40-130%
	13C7-PFUnDA	67%		40-130%
	13C2-PFDoDA	66%		40-130%
	13C2-PFTeDA	77%		20-130%
	13C3-PFBS	70%		40-135%
	13C3-PFHxS	64%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB019 2-4		
Lab Sample ID:	JE14670-4A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	88.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	73%		40-130%
	13C8-FOSA	76%		40-130%
	d3-MeFOSA	73%		10-130%
	d5-EtFOSA	74%		10-130%
	d3-MeFOSAA	72%		40-135%
	d5-EtFOSAA	72%		40-150%
	d7-MeFOSE	80%		20-130%
	d9-EtFOSE	75%		15-130%
	13C2-4:2FTS	66%		40-165%
	13C2-6:2FTS	80%		40-215%
	13C2-8:2FTS	175%		40-275%
	13C3-HFPO-DA	70%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB019 13-15		
Lab Sample ID:	JE14670-5	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	73.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194931.D	1	07/11/25 21:03	JN	n/a	n/a	V3C8458
Run #2							

	Initial Weight
Run #1	4.4 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	22.6	16	6.4	ug/kg	
71-43-2	Benzene	ND	0.78	0.71	ug/kg	
74-97-5	Bromochloromethane	ND	7.8	0.87	ug/kg	
75-27-4	Bromodichloromethane	ND	3.1	0.67	ug/kg	
75-25-2	Bromoform	ND	7.8	2.1	ug/kg	
74-83-9	Bromomethane [a]	ND	7.8	1.2	ug/kg	
78-93-3	2-Butanone (MEK)	ND	16	3.8	ug/kg	
75-15-0	Carbon disulfide	ND	3.1	0.83	ug/kg	
56-23-5	Carbon tetrachloride	ND	3.1	0.96	ug/kg	
108-90-7	Chlorobenzene	ND	3.1	0.71	ug/kg	
75-00-3	Chloroethane [a]	ND	7.8	0.92	ug/kg	
67-66-3	Chloroform	ND	3.1	1.6	ug/kg	
74-87-3	Chloromethane	ND	7.8	3.0	ug/kg	
110-82-7	Cyclohexane [a]	ND	3.1	1.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.1	1.1	ug/kg	
124-48-1	Dibromochloromethane	ND	3.1	0.87	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.6	0.65	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.6	0.85	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.6	0.77	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.6	0.77	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.8	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.6	0.77	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.6	0.73	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.6	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.6	1.3	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.95	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.1	0.73	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.1	0.74	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.1	0.71	ug/kg	
100-41-4	Ethylbenzene	ND	1.6	0.70	ug/kg	
76-13-1	Freon 113	ND	7.8	4.1	ug/kg	
591-78-6	2-Hexanone	ND	7.8	3.3	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB019 13-15		
Lab Sample ID:	JE14670-5	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	73.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	3.1	2.2	ug/kg	
79-20-9	Methyl Acetate	ND	7.8	2.2	ug/kg	
108-87-2	Methylcyclohexane	ND	3.1	1.4	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	1.1	1.6	0.73	ug/kg	J
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.8	3.5	ug/kg	
75-09-2	Methylene chloride	ND	7.8	4.1	ug/kg	
100-42-5	Styrene	ND	3.1	0.62	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.1	0.93	ug/kg	
127-18-4	Tetrachloroethene	ND	3.1	0.90	ug/kg	
108-88-3	Toluene	ND	1.6	0.82	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.8	3.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.8	3.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.1	0.75	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.1	0.86	ug/kg	
79-01-6	Trichloroethene	ND	1.6	1.2	ug/kg	
75-69-4	Trichlorofluoromethane [a]	ND	7.8	1.1	ug/kg	
75-01-4	Vinyl chloride	ND	3.1	0.75	ug/kg	
	m,p-Xylene	ND	1.6	1.4	ug/kg	
95-47-6	o-Xylene	ND	1.6	0.71	ug/kg	
1330-20-7	Xylene (total)	ND	1.6	0.71	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-124%
17060-07-0	1,2-Dichloroethane-D4	97%		75-133%
2037-26-5	Toluene-D8	101%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB019 13-15		
Lab Sample ID:	JE14670-5	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	73.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12733.D	1	07/12/25 16:10	KLS	07/08/25 17:00	OP65176	ECT571
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	90	22	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	28	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	39	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	81	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	230	170	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	230	48	ug/kg	
95-48-7	2-Methylphenol	ND	90	29	ug/kg	
	3&4-Methylphenol	ND	90	37	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	230	30	ug/kg	
100-02-7	4-Nitrophenol	ND	450	120	ug/kg	
87-86-5	Pentachlorophenol [a]	ND	180	42	ug/kg	
108-95-2	Phenol	ND	90	24	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	230	30	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	27	ug/kg	
83-32-9	Acenaphthene	ND	45	16	ug/kg	
208-96-8	Acenaphthylene	ND	45	23	ug/kg	
98-86-2	Acetophenone	ND	230	9.7	ug/kg	
120-12-7	Anthracene	ND	45	28	ug/kg	
1912-24-9	Atrazine	ND	90	19	ug/kg	
56-55-3	Benzo(a)anthracene	33.9	45	13	ug/kg	J
50-32-8	Benzo(a)pyrene	32.5	45	21	ug/kg	J
205-99-2	Benzo(b)fluoranthene	37.0	45	20	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	ND	45	23	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	45	21	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	90	17	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	90	11	ug/kg	
92-52-4	1,1'-Biphenyl	ND	90	6.2	ug/kg	
100-52-7	Benzaldehyde	ND	230	11	ug/kg	
91-58-7	2-Chloronaphthalene	ND	90	11	ug/kg	
106-47-8	4-Chloroaniline	ND	230	16	ug/kg	
86-74-8	Carbazole	ND	90	6.6	ug/kg	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB019 13-15		
Lab Sample ID:	JE14670-5	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	73.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	90	18	ug/kg	
218-01-9	Chrysene	29.7	45	14	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	90	9.7	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	90	19	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	90	16	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	90	15	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	45	14	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	45	23	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	90	38	ug/kg	
123-91-1	1,4-Dioxane	ND	45	30	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	45	20	ug/kg	
132-64-9	Dibenzofuran	ND	90	18	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	90	7.4	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	90	11	ug/kg	
84-66-2	Diethyl phthalate	ND	90	9.6	ug/kg	
131-11-3	Dimethyl phthalate	ND	90	8.1	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	90	11	ug/kg	
206-44-0	Fluoranthene	50.6	45	20	ug/kg	
86-73-7	Fluorene	ND	45	21	ug/kg	
118-74-1	Hexachlorobenzene [a]	ND	90	11	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	45	18	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	450	18	ug/kg	
67-72-1	Hexachloroethane [a]	ND	230	22	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	45	21	ug/kg	
78-59-1	Isophorone	ND	90	9.7	ug/kg	
91-57-6	2-Methylnaphthalene	ND	45	10	ug/kg	
88-74-4	2-Nitroaniline	ND	230	11	ug/kg	
99-09-2	3-Nitroaniline	ND	230	11	ug/kg	
100-01-6	4-Nitroaniline	ND	230	12	ug/kg	
91-20-3	Naphthalene	ND	45	13	ug/kg	
98-95-3	Nitrobenzene	ND	90	17	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	90	13	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	17	ug/kg	
85-01-8	Phenanthrene	19.2	45	15	ug/kg	J
129-00-0	Pyrene	44.7	45	14	ug/kg	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	230	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	50%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB019 13-15		
Lab Sample ID:	JE14670-5	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	73.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	47%		10-96%
118-79-6	2,4,6-Tribromophenol	71%		10-123%
4165-60-0	Nitrobenzene-d5	47%		10-109%
321-60-8	2-Fluorobiphenyl	61%		11-109%
1718-51-0	Terphenyl-d14	64%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB019 13-15		
Lab Sample ID:	JE14670-5	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8081B SW846 3546	**Percent Solids:**	73.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G211463.D	1	07/23/25 23:26	MLC	07/21/25 10:00	OP65540	G1G7644
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.90	0.75	ug/kg	
319-84-6	alpha-BHC	ND	0.90	0.74	ug/kg	
319-85-7	beta-BHC	ND	0.90	0.82	ug/kg	
319-86-8	delta-BHC	ND	0.90	0.87	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.90	0.67	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.90	0.73	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.90	0.41	ug/kg	
60-57-1	Dieldrin	ND	0.90	0.62	ug/kg	
72-54-8	4,4'-DDD	ND	0.90	0.83	ug/kg	
72-55-9	4,4'-DDE	ND	0.90	0.79	ug/kg	
50-29-3	4,4'-DDT	ND	0.90	0.80	ug/kg	
72-20-8	Endrin	ND	0.90	0.70	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.90	0.71	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.90	0.51	ug/kg	
959-98-8	Endosulfan-I	ND	0.90	0.52	ug/kg	
33213-65-9	Endosulfan-II	ND	0.90	0.56	ug/kg	
76-44-8	Heptachlor	ND	0.90	0.78	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.90	0.63	ug/kg	
72-43-5	Methoxychlor	ND	1.8	0.72	ug/kg	
53494-70-5	Endrin ketone	ND	0.90	0.65	ug/kg	
8001-35-2	Toxaphene	ND	23	21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	77%		13-162%
877-09-8	Tetrachloro-m-xylene	74%		13-162%
2051-24-3	Decachlorobiphenyl	82%		10-180%
2051-24-3	Decachlorobiphenyl	85%		10-180%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB019 13-15		
Lab Sample ID:	JE14670-5	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	73.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G149781.D	1	07/10/25 05:02	AS	07/09/25 11:30	OP65168	G3G5499
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	44	21	ug/kg	
11104-28-2	Aroclor 1221	ND	44	27	ug/kg	
11141-16-5	Aroclor 1232	ND	44	28	ug/kg	
53469-21-9	Aroclor 1242	ND	44	18	ug/kg	
12672-29-6	Aroclor 1248	ND	44	40	ug/kg	
11097-69-1	Aroclor 1254	ND	44	24	ug/kg	
11096-82-5	Aroclor 1260	ND	44	19	ug/kg	
11100-14-4	Aroclor 1268	ND	44	39	ug/kg	
37324-23-5	Aroclor 1262	ND	44	29	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	71%		10-174%
877-09-8	Tetrachloro-m-xylene	79%		10-174%
2051-24-3	Decachlorobiphenyl	65%		10-195%
2051-24-3	Decachlorobiphenyl	64%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB019 13-15
Lab Sample ID: JE14670-5
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 73.2

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	8170	69	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Antimony	< 2.8	2.8	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	16.8	2.8	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Barium	350	28	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	0.77	0.28	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	1.2	0.69	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Calcium	3460	690	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Chromium	13.7	1.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	11.1	6.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Copper	66.1	3.5	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Iron	7830	69	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Lead	1950	14	mg/kg	5	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	< 690	690	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Manganese	107	2.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Mercury	0.37	0.039	mg/kg	1	07/08/25	07/08/25	CM	SW846 7471B [1]	SW846 7471B [3]
Nickel	22.3	5.5	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 1400	1400	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Selenium	3.5	2.8	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Silver	< 0.69	0.69	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 1400	1400	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Thallium	< 1.4	1.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	44.8	6.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Zinc	443	6.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA58906
(2) Instrument QC Batch: MA58936
(3) Prep QC Batch: MP55680
(4) Prep QC Batch: MP55735

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB019 13-15		
Lab Sample ID:	JE14670-5	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	73.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	0.75	0.56	mg/kg	1	07/11/25 15:19	RI	SW846 3060A/7196A
Cyanide	< 0.34	0.34	mg/kg	1	07/09/25 19:01	SS	SW846 9012B/LACHAT
Solids, Percent	73.2		%	1	07/08/25 10:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB019 13-15
Lab Sample ID: JE14670-5A
Matrix: SO - Soil
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 73.2

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1277.D	1	07/17/25 14:02	AA	07/16/25 17:00	OP65442	T6Q136
Run #2							

	Initial Weight	Final Volume
Run #1	5.40 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	1.0	0.14	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.51	0.089	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.25	0.038	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.25	0.063	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.25	0.10	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.25	0.063	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.25	0.089	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.25	0.076	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.25	0.10	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.25	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.25	0.13	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.25	0.089	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.25	0.13	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.25	0.14	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.25	0.13	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	0.54	0.25	0.063	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.25	0.18	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.25	0.14	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.25	0.063	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	1.0	0.35	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	1.0	0.13	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	1.0	0.24	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.25	0.089	ug/kg	
31506-32-8	MeFOSA	ND	0.25	0.076	ug/kg	
4151-50-2	EtFOSA	ND	0.25	0.063	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB019 13-15		
Lab Sample ID:	JE14670-5A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	73.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.25	0.10	ug/kg	
2991-50-6	EtFOSAA	ND	0.25	0.16	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.5	0.35	ug/kg	
1691-99-2	EtFOSE	ND	2.5	0.92	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	1.0	0.23	ug/kg	
919005-14-4	ADONA	ND	1.0	0.15	ug/kg	
377-73-1	PFMPA	ND	0.51	0.038	ug/kg	
863090-89-5	PFMBA	ND	0.51	0.076	ug/kg	
151772-58-6	NFDHA	ND	0.51	0.16	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	1.0	0.33	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	1.0	0.23	ug/kg	
113507-82-7	PFEESA	ND	0.51	0.038	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.3	0.30	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.3	0.78	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.3	0.80	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	69%		8-130%
	13C5-PFPeA	67%		35-130%
	13C5-PFHxA	66%		40-130%
	13C4-PFHpA	65%		40-130%
	13C8-PFOA	66%		40-130%
	13C9-PFNA	66%		40-130%
	13C6-PFDA	67%		40-130%
	13C7-PFUnDA	71%		40-130%
	13C2-PFDoDA	68%		40-130%
	13C2-PFTeDA	72%		20-130%
	13C3-PFBS	66%		40-135%
	13C3-PFHxS	64%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB019 13-15		
Lab Sample ID:	JE14670-5A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	73.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	68%		40-130%
	13C8-FOSA	73%		40-130%
	d3-MeFOSA	66%		10-130%
	d5-EtFOSA	65%		10-130%
	d3-MeFOSAA	65%		40-135%
	d5-EtFOSAA	68%		40-150%
	d7-MeFOSE	74%		20-130%
	d9-EtFOSE	69%		15-130%
	13C2-4:2FTS	71%		40-165%
	13C2-6:2FTS	96%		40-215%
	13C2-8:2FTS	146%		40-275%
	13C3-HFPO-DA	66%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB019 18-20		
Lab Sample ID:	JE14670-6	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	75.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Percent	75.5		%	1	07/08/25 10:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB021 6-8		
Lab Sample ID:	JE14670-7	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	89.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	GA23922.D	1	07/14/25 14:50	JN	n/a	n/a	VGA660
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	2.8 g	10.0 ml	100 ul
Run #2			

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	2000	850	ug/kg	
71-43-2	Benzene	1030	100	93	ug/kg	
74-97-5	Bromochloromethane	ND	1000	110	ug/kg	
75-27-4	Bromodichloromethane	ND	410	88	ug/kg	
75-25-2	Bromoform	ND	1000	280	ug/kg	
74-83-9	Bromomethane [b]	ND	1000	160	ug/kg	
78-93-3	2-Butanone (MEK)	ND	2000	500	ug/kg	
75-15-0	Carbon disulfide	ND	410	110	ug/kg	
56-23-5	Carbon tetrachloride	ND	410	130	ug/kg	
108-90-7	Chlorobenzene	ND	410	94	ug/kg	
75-00-3	Chloroethane	ND	1000	120	ug/kg	
67-66-3	Chloroform	ND	410	200	ug/kg	
74-87-3	Chloromethane	ND	1000	400	ug/kg	
110-82-7	Cyclohexane	ND	410	130	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	410	140	ug/kg	
124-48-1	Dibromochloromethane	ND	410	110	ug/kg	
106-93-4	1,2-Dibromoethane	ND	200	86	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	110	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	100	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	100	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	1000	150	ug/kg	
75-34-3	1,1-Dichloroethane	ND	200	100	ug/kg	
107-06-2	1,2-Dichloroethane	ND	200	96	ug/kg	
75-35-4	1,1-Dichloroethene	ND	200	130	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	200	170	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	200	130	ug/kg	
78-87-5	1,2-Dichloropropane	ND	410	97	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	410	97	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	410	94	ug/kg	
100-41-4	Ethylbenzene	1230	200	93	ug/kg	
76-13-1	Freon 113	ND	1000	550	ug/kg	
591-78-6	2-Hexanone	ND	1000	430	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 6-8		
Lab Sample ID:	JE14670-7	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	89.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	629	410	290	ug/kg	
79-20-9	Methyl Acetate	ND	1000	280	ug/kg	
108-87-2	Methylcyclohexane	1680	410	180	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	200	96	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	1000	460	ug/kg	
75-09-2	Methylene chloride	ND	1000	530	ug/kg	
100-42-5	Styrene	ND	410	82	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	410	120	ug/kg	
127-18-4	Tetrachloroethene	ND	410	120	ug/kg	
108-88-3	Toluene	2400	200	110	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	1000	510	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	1000	510	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	410	99	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	410	110	ug/kg	
79-01-6	Trichloroethene	ND	200	160	ug/kg	
75-69-4	Trichlorofluoromethane [b]	ND	1000	140	ug/kg	
75-01-4	Vinyl chloride	ND	410	99	ug/kg	
	m,p-Xylene	3510	200	180	ug/kg	
95-47-6	o-Xylene	514	200	94	ug/kg	
1330-20-7	Xylene (total)	4020	200	94	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-124%
17060-07-0	1,2-Dichloroethane-D4	91%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	98%		58-148%

(a) Dilution required due to high concentration of non-target compound.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 6-8		
Lab Sample ID:	JE14670-7	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	89.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12735.D	1	07/12/25 16:46	KLS	07/08/25 17:00	OP65176	ECT571
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	74	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	23	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	32	ug/kg	
105-67-9	2,4-Dimethylphenol	274	190	66	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	190	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	190	40	ug/kg	
95-48-7	2-Methylphenol	ND	74	24	ug/kg	
	3&4-Methylphenol	ND	74	30	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	190	24	ug/kg	
100-02-7	4-Nitrophenol	ND	370	99	ug/kg	
87-86-5	Pentachlorophenol [a]	ND	150	35	ug/kg	
108-95-2	Phenol	ND	74	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	25	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	28	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	22	ug/kg	
83-32-9	Acenaphthene	41.1	37	13	ug/kg	
208-96-8	Acenaphthylene	ND	37	19	ug/kg	
98-86-2	Acetophenone	ND	190	8.0	ug/kg	
120-12-7	Anthracene	25.6	37	23	ug/kg	J
1912-24-9	Atrazine	ND	74	16	ug/kg	
56-55-3	Benzo(a)anthracene	29.3	37	10	ug/kg	J
50-32-8	Benzo(a)pyrene	21.4	37	17	ug/kg	J
205-99-2	Benzo(b)fluoranthene	26.9	37	16	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	ND	37	19	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	37	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	74	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	74	9.0	ug/kg	
92-52-4	1,1'-Biphenyl	30.6	74	5.1	ug/kg	J
100-52-7	Benzaldehyde	ND	190	9.2	ug/kg	
91-58-7	2-Chloronaphthalene	ND	74	8.8	ug/kg	
106-47-8	4-Chloroaniline	ND	190	13	ug/kg	
86-74-8	Carbazole	ND	74	5.4	ug/kg	

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 6-8		
Lab Sample ID:	JE14670-7	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	89.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	74	15	ug/kg	
218-01-9	Chrysene	37.1	37	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	74	7.9	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	74	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	74	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	74	12	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	37	11	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	37	19	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	74	31	ug/kg	
123-91-1	1,4-Dioxane	ND	37	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	37	16	ug/kg	
132-64-9	Dibenzofuran	17.1	74	15	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	74	6.0	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	74	9.2	ug/kg	
84-66-2	Diethyl phthalate	ND	74	7.9	ug/kg	
131-11-3	Dimethyl phthalate	ND	74	6.6	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	74	8.7	ug/kg	
206-44-0	Fluoranthene	114	37	17	ug/kg	
86-73-7	Fluorene	34.1	37	17	ug/kg	J
118-74-1	Hexachlorobenzene [a]	ND	74	9.4	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	37	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	370	15	ug/kg	
67-72-1	Hexachloroethane [a]	ND	190	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	37	17	ug/kg	
78-59-1	Isophorone	ND	74	7.9	ug/kg	
91-57-6	2-Methylnaphthalene	130	37	8.4	ug/kg	
88-74-4	2-Nitroaniline	ND	190	8.7	ug/kg	
99-09-2	3-Nitroaniline	ND	190	9.3	ug/kg	
100-01-6	4-Nitroaniline	ND	190	9.6	ug/kg	
91-20-3	Naphthalene	348	37	10	ug/kg	
98-95-3	Nitrobenzene	ND	74	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	74	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	14	ug/kg	
85-01-8	Phenanthrene	128	37	12	ug/kg	
129-00-0	Pyrene	104	37	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	9.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		10-99%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 6-8		
Lab Sample ID:	JE14670-7	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	89.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	33%		10-96%
118-79-6	2,4,6-Tribromophenol	45%		10-123%
4165-60-0	Nitrobenzene-d5	33%		10-109%
321-60-8	2-Fluorobiphenyl	38%		11-109%
1718-51-0	Terphenyl-d14	37%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.

Report of Analysis

Client Sample ID: SB021 6-8
Lab Sample ID: JE14670-7
Matrix: SO - Soil
Method: SW846 8081B SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 89.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RK30023.D	1	07/22/25 06:25	CP	07/21/25 10:00	OP65540	GRK900
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	2.9	0.74	0.61	ug/kg	
319-84-6	alpha-BHC	ND	0.74	0.60	ug/kg	
319-85-7	beta-BHC	ND	0.74	0.67	ug/kg	
319-86-8	delta-BHC	1.6	0.74	0.71	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.74	0.55	ug/kg	
5103-71-9	alpha-Chlordane	1.1	0.74	0.60	ug/kg	
5103-74-2	gamma-Chlordane [a]	1.4	0.74	0.34	ug/kg	
60-57-1	Dieldrin	ND	0.74	0.51	ug/kg	
72-54-8	4,4'-DDD	1.2	0.74	0.68	ug/kg	
72-55-9	4,4'-DDE	0.96	0.74	0.65	ug/kg	
50-29-3	4,4'-DDT [a]	0.74	0.74	0.66	ug/kg	
72-20-8	Endrin	ND	0.74	0.58	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.74	0.58	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.74	0.42	ug/kg	
959-98-8	Endosulfan-I	1.1	0.74	0.43	ug/kg	
33213-65-9	Endosulfan-II	ND	0.74	0.46	ug/kg	
76-44-8	Heptachlor	ND	0.74	0.64	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.74	0.52	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.59	ug/kg	
53494-70-5	Endrin ketone	ND	0.74	0.54	ug/kg	
8001-35-2	Toxaphene	ND	19	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	53%		13-162%
877-09-8	Tetrachloro-m-xylene	67%		13-162%
2051-24-3	Decachlorobiphenyl	44%		10-180%
2051-24-3	Decachlorobiphenyl	54%		10-180%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 6-8		
Lab Sample ID:	JE14670-7	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	89.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G149783.D	1	07/10/25 05:36	AS	07/09/25 11:30	OP65168	G3G5499
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	17	ug/kg	
11104-28-2	Aroclor 1221	ND	36	23	ug/kg	
11141-16-5	Aroclor 1232	ND	36	23	ug/kg	
53469-21-9	Aroclor 1242	ND	36	15	ug/kg	
12672-29-6	Aroclor 1248	ND	36	32	ug/kg	
11097-69-1	Aroclor 1254	ND	36	20	ug/kg	
11096-82-5	Aroclor 1260	ND	36	16	ug/kg	
11100-14-4	Aroclor 1268	ND	36	32	ug/kg	
37324-23-5	Aroclor 1262	ND	36	24	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	59%		10-174%
877-09-8	Tetrachloro-m-xylene	74%		10-174%
2051-24-3	Decachlorobiphenyl	70%		10-195%
2051-24-3	Decachlorobiphenyl	75%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 6-8		
Lab Sample ID:	JE14670-7	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	89.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	5690	58	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Antimony [a]	35.3	12	mg/kg	5	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	8.6	2.3	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Barium	36.8	23	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	< 0.23	0.23	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	0.60	0.58	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Calcium	11000	580	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Chromium	16.5	1.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	9.6	5.8	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Copper	15000	58	mg/kg	20	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Iron	35400	290	mg/kg	5	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Lead	422	2.3	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	6870	580	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Manganese	340	1.8	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Mercury	0.087	0.032	mg/kg	1	07/08/25	07/08/25	CM	SW846 7471B [1]	SW846 7471B [3]
Nickel	60.6	4.7	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 1200	1200	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Selenium [a]	< 12	12	mg/kg	5	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Silver [a]	< 12	12	mg/kg	20	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 1200	1200	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Thallium [a]	< 5.8	5.8	mg/kg	5	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	24.1	5.8	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Zinc	452	5.8	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA58906
(2) Instrument QC Batch: MA58936
(3) Prep QC Batch: MP55680
(4) Prep QC Batch: MP55735

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB021 6-8		
Lab Sample ID:	JE14670-7	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	89.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.45	0.45	mg/kg	1	07/11/25 15:19	RI	SW846 3060A/7196A
Cyanide	< 0.25	0.25	mg/kg	1	07/09/25 19:03	SS	SW846 9012B/LACHAT
Solids, Percent	89.7		%	1	07/08/25 10:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB021 6-8
Lab Sample ID: JE14670-7A
Matrix: SO - Soil
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 89.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1313.D	1	07/17/25 22:16	AA	07/17/25 17:00	OP65480	T6Q136
Run #2							

	Initial Weight	Final Volume
Run #1	5.07 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.88	0.12	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.44	0.077	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.033	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.055	ug/kg	
335-67-1	Perfluorooctanoic acid	0.089	0.22	0.088	ug/kg	J
375-95-1	Perfluorononanoic acid	ND	0.22	0.055	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.077	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.066	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.088	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.099	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.077	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.11	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.22	0.12	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.11	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	0.52	0.22	0.055	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.15	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.12	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.055	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.88	0.31	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.88	0.11	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.88	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.22	0.077	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.066	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.055	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 6-8		
Lab Sample ID:	JE14670-7A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	89.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.22	0.088	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.14	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.2	0.31	ug/kg	
1691-99-2	EtFOSE	ND	2.2	0.80	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.88	0.20	ug/kg	
919005-14-4	ADONA	ND	0.88	0.13	ug/kg	
377-73-1	PFMPA	ND	0.44	0.033	ug/kg	
863090-89-5	PFMBA	ND	0.44	0.066	ug/kg	
151772-58-6	NFDHA	ND	0.44	0.14	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.88	0.29	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.88	0.20	ug/kg	
113507-82-7	PFEESA	ND	0.44	0.033	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.26	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.5	0.68	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.5	0.69	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	83%		8-130%
	13C5-PFPeA	79%		35-130%
	13C5-PFHxA	81%		40-130%
	13C4-PFHpA	78%		40-130%
	13C8-PFOA	79%		40-130%
	13C9-PFNA	80%		40-130%
	13C6-PFDA	82%		40-130%
	13C7-PFUnDA	84%		40-130%
	13C2-PFDoDA	79%		40-130%
	13C2-PFTeDA	88%		20-130%
	13C3-PFBS	86%		40-135%
	13C3-PFHxS	85%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 6-8		
Lab Sample ID:	JE14670-7A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	89.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	89%		40-130%
	13C8-FOSA	91%		40-130%
	d3-MeFOSA	52%		10-130%
	d5-EtFOSA	51%		10-130%
	d3-MeFOSAA	80%		40-135%
	d5-EtFOSAA	84%		40-150%
	d7-MeFOSE	90%		20-130%
	d9-EtFOSE	77%		15-130%
	13C2-4:2FTS	78%		40-165%
	13C2-6:2FTS	86%		40-215%
	13C2-8:2FTS	155%		40-275%
	13C3-HFPO-DA	82%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB021 13-15
Lab Sample ID: JE14670-8
Matrix: SO - Soil
Method: SW846 8260D
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 78.3

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216195.D	1	07/14/25 14:22	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	3.7 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	28.9	17	7.1	ug/kg	
71-43-2	Benzene	ND	0.86	0.79	ug/kg	
74-97-5	Bromochloromethane	ND	8.6	0.97	ug/kg	
75-27-4	Bromodichloromethane	ND	3.5	0.74	ug/kg	
75-25-2	Bromoform	ND	8.6	2.3	ug/kg	
74-83-9	Bromomethane	ND	8.6	1.3	ug/kg	
78-93-3	2-Butanone (MEK)	ND	17	4.2	ug/kg	
75-15-0	Carbon disulfide	ND	3.5	0.92	ug/kg	
56-23-5	Carbon tetrachloride	ND	3.5	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	3.5	0.79	ug/kg	
75-00-3	Chloroethane	ND	8.6	1.0	ug/kg	
67-66-3	Chloroform	ND	3.5	1.7	ug/kg	
74-87-3	Chloromethane [a]	ND	8.6	3.4	ug/kg	
110-82-7	Cyclohexane	ND	3.5	1.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.5	1.2	ug/kg	
124-48-1	Dibromochloromethane	ND	3.5	0.97	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.7	0.73	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.7	0.94	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.7	0.86	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.7	0.85	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	8.6	1.3	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	0.85	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	0.81	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	1.1	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	1.4	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.5	0.82	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.5	0.82	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.5	0.79	ug/kg	
100-41-4	Ethylbenzene	ND	1.7	0.78	ug/kg	
76-13-1	Freon 113	ND	8.6	4.6	ug/kg	
591-78-6	2-Hexanone	ND	8.6	3.7	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 13-15		
Lab Sample ID:	JE14670-8	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	78.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	3.5	2.5	ug/kg	
79-20-9	Methyl Acetate [b]	ND	8.6	2.4	ug/kg	
108-87-2	Methylcyclohexane	45.6	3.5	1.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.7	0.81	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	8.6	3.9	ug/kg	
75-09-2	Methylene chloride	ND	8.6	4.5	ug/kg	
100-42-5	Styrene	ND	3.5	0.69	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.5	1.0	ug/kg	
127-18-4	Tetrachloroethene	ND	3.5	1.0	ug/kg	
108-88-3	Toluene	ND	1.7	0.91	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	8.6	4.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	8.6	4.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.5	0.83	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.5	0.96	ug/kg	
79-01-6	Trichloroethene	ND	1.7	1.3	ug/kg	
75-69-4	Trichlorofluoromethane [b]	ND	8.6	1.2	ug/kg	
75-01-4	Vinyl chloride	ND	3.5	0.83	ug/kg	
	m,p-Xylene	ND	1.7	1.5	ug/kg	
95-47-6	o-Xylene	ND	1.7	0.79	ug/kg	
1330-20-7	Xylene (total)	ND	1.7	0.79	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		80-124%
17060-07-0	1,2-Dichloroethane-D4	91%		75-133%
2037-26-5	Toluene-D8	96%		79-125%
460-00-4	4-Bromofluorobenzene	99%		58-148%

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 13-15		
Lab Sample ID:	JE14670-8	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	78.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12749.D	1	07/12/25 21:00	KLS	07/08/25 17:00	OP65176	ECT571
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	85	21	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	26	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	36	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	75	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	210	160	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	210	45	ug/kg	
95-48-7	2-Methylphenol	ND	85	27	ug/kg	
	3&4-Methylphenol	4370	85	35	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	210	28	ug/kg	
100-02-7	4-Nitrophenol	ND	420	110	ug/kg	
87-86-5	Pentachlorophenol [a]	ND	170	40	ug/kg	
108-95-2	Phenol	206	85	22	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	28	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	32	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	25	ug/kg	
83-32-9	Acenaphthene	223	42	15	ug/kg	
208-96-8	Acenaphthylene	50.3	42	21	ug/kg	
98-86-2	Acetophenone	ND	210	9.1	ug/kg	
120-12-7	Anthracene	193	42	26	ug/kg	
1912-24-9	Atrazine	ND	85	18	ug/kg	
56-55-3	Benzo(a)anthracene	185	42	12	ug/kg	
50-32-8	Benzo(a)pyrene	145	42	19	ug/kg	
205-99-2	Benzo(b)fluoranthene	204	42	19	ug/kg	
191-24-2	Benzo(g,h,i)perylene	88.3	42	21	ug/kg	
207-08-9	Benzo(k)fluoranthene	50.7	42	20	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	85	16	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	85	10	ug/kg	
92-52-4	1,1'-Biphenyl	54.3	85	5.8	ug/kg	J
100-52-7	Benzaldehyde	ND	210	10	ug/kg	
91-58-7	2-Chloronaphthalene	ND	85	10	ug/kg	
106-47-8	4-Chloroaniline	ND	210	15	ug/kg	
86-74-8	Carbazole	84.2	85	6.1	ug/kg	J

ND = Not detected MDL = Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 13-15		
Lab Sample ID:	JE14670-8	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	78.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	85	17	ug/kg	
218-01-9	Chrysene	210	42	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	85	9.0	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	85	18	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	85	15	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	85	14	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	42	13	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	42	21	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	85	35	ug/kg	
123-91-1	1,4-Dioxane	ND	42	28	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	22.3	42	19	ug/kg	J
132-64-9	Dibenzofuran	151	85	17	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	85	6.9	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	85	11	ug/kg	
84-66-2	Diethyl phthalate	ND	85	9.0	ug/kg	
131-11-3	Dimethyl phthalate	ND	85	7.5	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	85	9.9	ug/kg	
206-44-0	Fluoranthene	597	42	19	ug/kg	
86-73-7	Fluorene	268	42	19	ug/kg	
118-74-1	Hexachlorobenzene [a]	ND	85	11	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	42	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	420	17	ug/kg	
67-72-1	Hexachloroethane [a]	ND	210	21	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	61.1	42	20	ug/kg	
78-59-1	Isophorone	ND	85	9.0	ug/kg	
91-57-6	2-Methylnaphthalene	194	42	9.6	ug/kg	
88-74-4	2-Nitroaniline	ND	210	10	ug/kg	
99-09-2	3-Nitroaniline	ND	210	11	ug/kg	
100-01-6	4-Nitroaniline	ND	210	11	ug/kg	
91-20-3	Naphthalene	419	42	12	ug/kg	
98-95-3	Nitrobenzene	ND	85	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	85	12	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	15	ug/kg	
85-01-8	Phenanthrene	1040	42	14	ug/kg	
129-00-0	Pyrene	543	42	14	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	27%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 13-15		
Lab Sample ID:	JE14670-8	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	78.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	27%		10-96%
118-79-6	2,4,6-Tribromophenol	36%		10-123%
4165-60-0	Nitrobenzene-d5	26%		10-109%
321-60-8	2-Fluorobiphenyl	34%		11-109%
1718-51-0	Terphenyl-d14	33%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 13-15		
Lab Sample ID:	JE14670-8	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8081B SW846 3546	**Percent Solids:**	78.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G211464.D	1	07/23/25 23:42	MLC	07/21/25 10:00	OP65540	G1G7644
Run #2							

	Initial Weight	Final Volume
Run #1	15.6 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.82	0.67	ug/kg	
319-84-6	alpha-BHC	ND	0.82	0.67	ug/kg	
319-85-7	beta-BHC	ND	0.82	0.74	ug/kg	
319-86-8	delta-BHC	ND	0.82	0.79	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.82	0.60	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.82	0.66	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.82	0.37	ug/kg	
60-57-1	Dieldrin	ND	0.82	0.56	ug/kg	
72-54-8	4,4'-DDD	ND	0.82	0.75	ug/kg	
72-55-9	4,4'-DDE	ND	0.82	0.72	ug/kg	
50-29-3	4,4'-DDT	ND	0.82	0.73	ug/kg	
72-20-8	Endrin	ND	0.82	0.64	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.82	0.64	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.82	0.46	ug/kg	
959-98-8	Endosulfan-I	ND	0.82	0.47	ug/kg	
33213-65-9	Endosulfan-II	ND	0.82	0.51	ug/kg	
76-44-8	Heptachlor	ND	0.82	0.71	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.82	0.57	ug/kg	
72-43-5	Methoxychlor	ND	1.6	0.65	ug/kg	
53494-70-5	Endrin ketone	ND	0.82	0.59	ug/kg	
8001-35-2	Toxaphene	ND	20	19	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	76%		13-162%
877-09-8	Tetrachloro-m-xylene	113%		13-162%
2051-24-3	Decachlorobiphenyl	82%		10-180%
2051-24-3	Decachlorobiphenyl	99%		10-180%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 13-15		
Lab Sample ID:	JE14670-8	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	78.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G149784.D	1	07/10/25 05:52	AS	07/09/25 11:30	OP65168	G3G5499
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	42	19	ug/kg	
11104-28-2	Aroclor 1221	ND	42	26	ug/kg	
11141-16-5	Aroclor 1232	ND	42	27	ug/kg	
53469-21-9	Aroclor 1242	ND	42	17	ug/kg	
12672-29-6	Aroclor 1248	ND	42	37	ug/kg	
11097-69-1	Aroclor 1254	ND	42	22	ug/kg	
11096-82-5	Aroclor 1260	ND	42	18	ug/kg	
11100-14-4	Aroclor 1268	ND	42	37	ug/kg	
37324-23-5	Aroclor 1262	ND	42	27	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	46%		10-174%
877-09-8	Tetrachloro-m-xylene	45%		10-174%
2051-24-3	Decachlorobiphenyl	46%		10-195%
2051-24-3	Decachlorobiphenyl	48%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB021 13-15
Lab Sample ID: JE14670-8
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 78.3

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	6600	65	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Antimony	< 2.6	2.6	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	4.7	2.6	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Barium	66.3	26	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	< 0.26	0.26	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	< 0.65	0.65	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Calcium	14000	650	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Chromium	13.5	1.3	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	< 6.5	6.5	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Copper	134	3.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Iron	24700	65	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Lead	495	2.6	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	5540	650	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Manganese	288	1.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Mercury	0.67	0.035	mg/kg	1	07/08/25	07/08/25	CM	SW846 7471B [1]	SW846 7471B [3]
Nickel	15.0	5.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 1300	1300	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Selenium	< 2.6	2.6	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Silver	< 0.65	0.65	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 1300	1300	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Thallium	< 1.3	1.3	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	21.0	6.5	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Zinc	155	6.5	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA58906
(2) Instrument QC Batch: MA58936
(3) Prep QC Batch: MP55680
(4) Prep QC Batch: MP55735

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB021 13-15		
Lab Sample ID:	JE14670-8	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	78.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.53	0.53	mg/kg	1	07/11/25 15:19	RI	SW846 3060A/7196A
Cyanide	< 0.26	0.26	mg/kg	1	07/09/25 19:14	SS	SW846 9012B/LACHAT
Solids, Percent	78.3		%	1	07/08/25 10:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB021 13-15
Lab Sample ID: JE14670-8A
Matrix: SO - Soil
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 78.3

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1317.D	1	07/17/25 23:09	AA	07/17/25 17:00	OP65480	T6Q136
Run #2							

	Initial Weight	Final Volume
Run #1	5.20 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.98	0.14	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.49	0.086	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.25	0.037	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.25	0.061	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.25	0.098	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.25	0.061	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.25	0.086	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.25	0.074	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.25	0.098	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.25	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.25	0.12	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.25	0.086	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.25	0.12	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.25	0.14	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.25	0.12	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	0.25	0.25	0.061	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.25	0.17	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.25	0.14	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.25	0.061	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.98	0.34	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.98	0.12	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.98	0.23	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.25	0.086	ug/kg	
31506-32-8	MeFOSA	ND	0.25	0.074	ug/kg	
4151-50-2	EtFOSA	ND	0.25	0.061	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB021 13-15
Lab Sample ID: JE14670-8A
Matrix: SO - Soil
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 78.3

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.25	0.098	ug/kg	
2991-50-6	EtFOSAA	ND	0.25	0.16	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.5	0.34	ug/kg	
1691-99-2	EtFOSE	ND	2.5	0.90	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.98	0.22	ug/kg	
919005-14-4	ADONA	ND	0.98	0.15	ug/kg	
377-73-1	PFMPA	ND	0.49	0.037	ug/kg	
863090-89-5	PFMBA	ND	0.49	0.074	ug/kg	
151772-58-6	NFDHA	ND	0.49	0.16	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.98	0.32	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.98	0.22	ug/kg	
113507-82-7	PFEESA	ND	0.49	0.037	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.29	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.1	0.76	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.1	0.77	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	82%		8-130%
	13C5-PFPeA	79%		35-130%
	13C5-PFHxA	80%		40-130%
	13C4-PFHpA	77%		40-130%
	13C8-PFOA	79%		40-130%
	13C9-PFNA	83%		40-130%
	13C6-PFDA	85%		40-130%
	13C7-PFUnDA	85%		40-130%
	13C2-PFDoDA	79%		40-130%
	13C2-PFTeDA	82%		20-130%
	13C3-PFBS	79%		40-135%
	13C3-PFHxS	79%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 13-15		
Lab Sample ID:	JE14670-8A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	78.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	87%		40-130%
	13C8-FOSA	93%		40-130%
	d3-MeFOSA	38%		10-130%
	d5-EtFOSA	35%		10-130%
	d3-MeFOSAA	82%		40-135%
	d5-EtFOSAA	87%		40-150%
	d7-MeFOSE	71%		20-130%
	d9-EtFOSE	56%		15-130%
	13C2-4:2FTS	100%		40-165%
	13C2-6:2FTS	118%		40-215%
	13C2-8:2FTS	188%		40-275%
	13C3-HFPO-DA	78%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 18-20		
Lab Sample ID:	JE14670-9	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	88.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194932.D	1	07/11/25 21:29	JN	n/a	n/a	V3C8458
Run #2							

	Initial Weight
Run #1	5.2 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	25.8	11	4.5	ug/kg	
71-43-2	Benzene	ND	0.55	0.50	ug/kg	
74-97-5	Bromochloromethane	ND	5.5	0.61	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.47	ug/kg	
75-25-2	Bromoform	ND	5.5	1.5	ug/kg	
74-83-9	Bromomethane [a]	ND	5.5	0.83	ug/kg	
78-93-3	2-Butanone (MEK)	3.4	11	2.6	ug/kg	J
75-15-0	Carbon disulfide	5.8	2.2	0.58	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.67	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.50	ug/kg	
75-00-3	Chloroethane [a]	ND	5.5	0.64	ug/kg	
67-66-3	Chloroform	ND	2.2	1.1	ug/kg	
74-87-3	Chloromethane	ND	5.5	2.1	ug/kg	
110-82-7	Cyclohexane [a]	ND	2.2	0.72	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.76	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.61	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.46	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.60	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.54	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.54	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.5	0.79	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.54	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.51	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.71	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.92	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.67	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.52	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.52	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.49	ug/kg	
76-13-1	Freon 113	ND	5.5	2.9	ug/kg	
591-78-6	2-Hexanone	ND	5.5	2.3	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 18-20		
Lab Sample ID:	JE14670-9	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	88.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.2	1.5	ug/kg	
79-20-9	Methyl Acetate	ND	5.5	1.5	ug/kg	
108-87-2	Methylcyclohexane	1.5	2.2	0.95	ug/kg	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.51	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.5	2.5	ug/kg	
75-09-2	Methylene chloride	ND	5.5	2.8	ug/kg	
100-42-5	Styrene	ND	2.2	0.44	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.65	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.63	ug/kg	
108-88-3	Toluene	ND	1.1	0.57	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.5	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.5	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.53	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.60	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.83	ug/kg	
75-69-4	Trichlorofluoromethane [a]	ND	5.5	0.75	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.52	ug/kg	
	m,p-Xylene	ND	1.1	0.98	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.50	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-124%
17060-07-0	1,2-Dichloroethane-D4	101%		75-133%
2037-26-5	Toluene-D8	100%		79-125%
460-00-4	4-Bromofluorobenzene	98%		58-148%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 18-20		
Lab Sample ID:	JE14670-9	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	88.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12736.D	1	07/12/25 17:04	KLS	07/08/25 17:00	OP65176	ECT571
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	75	19	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	23	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	32	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	67	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	190	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	190	40	ug/kg	
95-48-7	2-Methylphenol	ND	75	24	ug/kg	
	3&4-Methylphenol	ND	75	31	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	190	25	ug/kg	
100-02-7	4-Nitrophenol	ND	380	100	ug/kg	
87-86-5	Pentachlorophenol [a]	ND	150	35	ug/kg	
108-95-2	Phenol	ND	75	20	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	25	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	28	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	22	ug/kg	
83-32-9	Acenaphthene	ND	38	13	ug/kg	
208-96-8	Acenaphthylene	ND	38	19	ug/kg	
98-86-2	Acetophenone	ND	190	8.1	ug/kg	
120-12-7	Anthracene	ND	38	23	ug/kg	
1912-24-9	Atrazine	ND	75	16	ug/kg	
56-55-3	Benzo(a)anthracene	ND	38	11	ug/kg	
50-32-8	Benzo(a)pyrene	ND	38	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	38	17	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	38	19	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	38	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	75	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	75	9.2	ug/kg	
92-52-4	1,1'-Biphenyl	ND	75	5.2	ug/kg	
100-52-7	Benzaldehyde	ND	190	9.3	ug/kg	
91-58-7	2-Chloronaphthalene	ND	75	9.0	ug/kg	
106-47-8	4-Chloroaniline	ND	190	14	ug/kg	
86-74-8	Carbazole	ND	75	5.5	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 18-20		
Lab Sample ID:	JE14670-9	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	88.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	75	15	ug/kg	
218-01-9	Chrysene	ND	38	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	75	8.1	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	75	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	75	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	75	12	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	38	12	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	38	19	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	75	31	ug/kg	
123-91-1	1,4-Dioxane	ND	38	25	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	38	17	ug/kg	
132-64-9	Dibenzofuran	ND	75	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	75	6.1	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	75	9.4	ug/kg	
84-66-2	Diethyl phthalate	ND	75	8.0	ug/kg	
131-11-3	Dimethyl phthalate	ND	75	6.7	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	75	8.8	ug/kg	
206-44-0	Fluoranthene	ND	38	17	ug/kg	
86-73-7	Fluorene	ND	38	17	ug/kg	
118-74-1	Hexachlorobenzene [a]	ND	75	9.5	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	38	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	380	15	ug/kg	
67-72-1	Hexachloroethane [a]	ND	190	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	38	18	ug/kg	
78-59-1	Isophorone	ND	75	8.1	ug/kg	
91-57-6	2-Methylnaphthalene	ND	38	8.5	ug/kg	
88-74-4	2-Nitroaniline	ND	190	8.9	ug/kg	
99-09-2	3-Nitroaniline	ND	190	9.4	ug/kg	
100-01-6	4-Nitroaniline	ND	190	9.8	ug/kg	
91-20-3	Naphthalene	ND	38	11	ug/kg	
98-95-3	Nitrobenzene	ND	75	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	75	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	14	ug/kg	
85-01-8	Phenanthrene	ND	38	13	ug/kg	
129-00-0	Pyrene	ND	38	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	9.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	39%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 18-20		
Lab Sample ID:	JE14670-9	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	88.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	37%		10-96%
118-79-6	2,4,6-Tribromophenol	56%		10-123%
4165-60-0	Nitrobenzene-d5	35%		10-109%
321-60-8	2-Fluorobiphenyl	47%		11-109%
1718-51-0	Terphenyl-d14	48%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 18-20		
Lab Sample ID:	JE14670-9	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8081B SW846 3546	**Percent Solids:**	88.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RK30025.D	1	07/22/25 07:01	CP	07/21/25 10:00	OP65540	GRK900
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.75	0.61	ug/kg	
319-84-6	alpha-BHC	ND	0.75	0.61	ug/kg	
319-85-7	beta-BHC	ND	0.75	0.67	ug/kg	
319-86-8	delta-BHC	ND	0.75	0.72	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.75	0.55	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.75	0.60	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.75	0.34	ug/kg	
60-57-1	Dieldrin	ND	0.75	0.51	ug/kg	
72-54-8	4,4'-DDD	ND	0.75	0.68	ug/kg	
72-55-9	4,4'-DDE	ND	0.75	0.65	ug/kg	
50-29-3	4,4'-DDT	ND	0.75	0.66	ug/kg	
72-20-8	Endrin	ND	0.75	0.58	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.75	0.58	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.75	0.42	ug/kg	
959-98-8	Endosulfan-I	ND	0.75	0.43	ug/kg	
33213-65-9	Endosulfan-II	ND	0.75	0.47	ug/kg	
76-44-8	Heptachlor	ND	0.75	0.64	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.75	0.52	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.59	ug/kg	
53494-70-5	Endrin ketone	ND	0.75	0.54	ug/kg	
8001-35-2	Toxaphene	ND	19	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	59%		13-162%
877-09-8	Tetrachloro-m-xylene	83%		13-162%
2051-24-3	Decachlorobiphenyl	57%		10-180%
2051-24-3	Decachlorobiphenyl	84%		10-180%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 18-20		
Lab Sample ID:	JE14670-9	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	88.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G149785.D	1	07/10/25 06:08	AS	07/09/25 11:30	OP65168	G3G5499
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	17	ug/kg	
11104-28-2	Aroclor 1221	ND	36	22	ug/kg	
11141-16-5	Aroclor 1232	ND	36	23	ug/kg	
53469-21-9	Aroclor 1242	ND	36	15	ug/kg	
12672-29-6	Aroclor 1248	ND	36	32	ug/kg	
11097-69-1	Aroclor 1254	ND	36	19	ug/kg	
11096-82-5	Aroclor 1260	ND	36	15	ug/kg	
11100-14-4	Aroclor 1268	ND	36	32	ug/kg	
37324-23-5	Aroclor 1262	ND	36	24	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	82%		10-174%
877-09-8	Tetrachloro-m-xylene	90%		10-174%
2051-24-3	Decachlorobiphenyl	90%		10-195%
2051-24-3	Decachlorobiphenyl	90%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB021 18-20
Lab Sample ID: JE14670-9
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 88.2

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	7700	57	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Antimony	< 2.3	2.3	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	6.1	2.3	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Barium	< 23	23	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	0.45	0.23	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	< 0.57	0.57	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Calcium	1970	570	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Chromium	14.4	1.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	6.9	5.7	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Copper	8.7	2.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Iron	18500	57	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Lead	7.2	2.3	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	4120	570	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Manganese	460	1.7	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Mercury	< 0.031	0.031	mg/kg	1	07/08/25	07/08/25	CM	SW846 7471B [1]	SW846 7471B [3]
Nickel	15.6	4.6	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Potassium	1330	1100	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Selenium	< 2.3	2.3	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Silver	< 0.57	0.57	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 1100	1100	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Thallium	< 1.1	1.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	16.3	5.7	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Zinc	46.5	5.7	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA58906
(2) Instrument QC Batch: MA58936
(3) Prep QC Batch: MP55680
(4) Prep QC Batch: MP55735

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB021 18-20		
Lab Sample ID:	JE14670-9	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	88.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.46	0.46	mg/kg	1	07/11/25 15:19	RI	SW846 3060A/7196A
Cyanide	< 0.25	0.25	mg/kg	1	07/09/25 19:17	SS	SW846 9012B/LACHAT
Solids, Percent	88.2		%	1	07/08/25 10:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB021 18-20
Lab Sample ID: JE14670-9A
Matrix: SO - Soil
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 88.2

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1320.D	1	07/17/25 23:49	AA	07/17/25 17:00	OP65480	T6Q136
Run #2							

	Initial Weight	Final Volume
Run #1	5.14 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.88	0.12	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.44	0.077	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.033	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.055	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.22	0.088	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.055	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.077	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.066	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.088	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.099	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.077	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.11	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.22	0.12	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.11	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.22	0.055	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.15	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.12	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.055	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.88	0.31	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.88	0.11	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.88	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.22	0.077	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.066	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.055	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 18-20		
Lab Sample ID:	JE14670-9A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	88.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.22	0.088	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.14	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.2	0.31	ug/kg	
1691-99-2	EtFOSE	ND	2.2	0.81	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.88	0.20	ug/kg	
919005-14-4	ADONA	ND	0.88	0.13	ug/kg	
377-73-1	PFMPA	ND	0.44	0.033	ug/kg	
863090-89-5	PFMBA	ND	0.44	0.066	ug/kg	
151772-58-6	NFDHA	ND	0.44	0.14	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.88	0.29	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.88	0.20	ug/kg	
113507-82-7	PFEESA	ND	0.44	0.033	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.26	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.5	0.68	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.5	0.69	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	78%		8-130%
	13C5-PFPeA	76%		35-130%
	13C5-PFHxA	79%		40-130%
	13C4-PFHpA	76%		40-130%
	13C8-PFOA	77%		40-130%
	13C9-PFNA	74%		40-130%
	13C6-PFDA	78%		40-130%
	13C7-PFUnDA	85%		40-130%
	13C2-PFDoDA	78%		40-130%
	13C2-PFTeDA	82%		20-130%
	13C3-PFBS	77%		40-135%
	13C3-PFHxS	75%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 18-20		
Lab Sample ID:	JE14670-9A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	88.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	78%		40-130%
	13C8-FOSA	76%		40-130%
	d3-MeFOSA	36%		10-130%
	d5-EtFOSA	33%		10-130%
	d3-MeFOSAA	70%		40-135%
	d5-EtFOSAA	74%		40-150%
	d7-MeFOSE	72%		20-130%
	d9-EtFOSE	66%		15-130%
	13C2-4:2FTS	69%		40-165%
	13C2-6:2FTS	79%		40-215%
	13C2-8:2FTS	136%		40-275%
	13C3-HFPO-DA	76%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 4-6		
Lab Sample ID:	JE14670-10	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	87.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216193.D	1	07/14/25 13:38	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	4.4 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	13	5.4	ug/kg	
71-43-2	Benzene	ND	0.65	0.59	ug/kg	
74-97-5	Bromochloromethane	ND	6.5	0.73	ug/kg	
75-27-4	Bromodichloromethane	ND	2.6	0.56	ug/kg	
75-25-2	Bromoform	ND	6.5	1.8	ug/kg	
74-83-9	Bromomethane	ND	6.5	1.0	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	3.2	ug/kg	
75-15-0	Carbon disulfide	ND	2.6	0.70	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.6	0.81	ug/kg	
108-90-7	Chlorobenzene	ND	2.6	0.60	ug/kg	
75-00-3	Chloroethane	ND	6.5	0.77	ug/kg	
67-66-3	Chloroform	ND	2.6	1.3	ug/kg	
74-87-3	Chloromethane [a]	ND	6.5	2.6	ug/kg	
110-82-7	Cyclohexane	ND	2.6	0.86	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.6	0.91	ug/kg	
124-48-1	Dibromochloromethane	ND	2.6	0.73	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.55	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.3	0.71	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.3	0.65	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.3	0.65	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.5	0.95	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	0.65	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.61	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	0.86	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.80	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.6	0.62	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.6	0.62	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.6	0.60	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.59	ug/kg	
76-13-1	Freon 113	ND	6.5	3.5	ug/kg	
591-78-6	2-Hexanone	ND	6.5	2.8	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 4-6		
Lab Sample ID:	JE14670-10	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	87.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.6	1.9	ug/kg	
79-20-9	Methyl Acetate [b]	ND	6.5	1.8	ug/kg	
108-87-2	Methylcyclohexane	ND	2.6	1.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.61	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.5	3.0	ug/kg	
75-09-2	Methylene chloride	ND	6.5	3.4	ug/kg	
100-42-5	Styrene	ND	2.6	0.53	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.6	0.78	ug/kg	
127-18-4	Tetrachloroethene	ND	2.6	0.76	ug/kg	
108-88-3	Toluene	ND	1.3	0.69	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.5	3.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.5	3.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.6	0.63	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.6	0.72	ug/kg	
79-01-6	Trichloroethene	ND	1.3	1.0	ug/kg	
75-69-4	Trichlorofluoromethane [b]	ND	6.5	0.89	ug/kg	
75-01-4	Vinyl chloride	ND	2.6	0.63	ug/kg	
	m,p-Xylene	ND	1.3	1.2	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.60	ug/kg	
1330-20-7	Xylene (total)	ND	1.3	0.60	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-124%
17060-07-0	1,2-Dichloroethane-D4	100%		75-133%
2037-26-5	Toluene-D8	95%		79-125%
460-00-4	4-Bromofluorobenzene	98%		58-148%

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB016 4-6
Lab Sample ID: JE14670-10
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 87.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12748.D	1	07/12/25 20:42	KLS	07/08/25 17:00	OP65176	ECT571
Run #2	CT12785.D	5	07/13/25 23:34	TL	07/13/25 13:20	OP65176	ECT572

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2	30.2 g	1.0 ml

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	76	19	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	23	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	32	ug/kg	
105-67-9	2,4-Dimethylphenol	92.1	190	68	ug/kg	J
51-28-5	2,4-Dinitrophenol [a]	ND	190	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	190	41	ug/kg	
95-48-7	2-Methylphenol	ND	76	24	ug/kg	
	3&4-Methylphenol	123	76	31	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	190	25	ug/kg	
100-02-7	4-Nitrophenol	ND	380	100	ug/kg	
87-86-5	Pentachlorophenol [a]	ND	150	36	ug/kg	
108-95-2	Phenol	ND	76	20	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	25	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	29	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	23	ug/kg	
83-32-9	Acenaphthene	489	38	13	ug/kg	
208-96-8	Acenaphthylene	168	38	19	ug/kg	
98-86-2	Acetophenone	ND	190	8.2	ug/kg	
120-12-7	Anthracene	703	38	23	ug/kg	
1912-24-9	Atrazine	ND	76	16	ug/kg	
56-55-3	Benzo(a)anthracene	1710	38	11	ug/kg	
50-32-8	Benzo(a)pyrene	1650	38	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	1860	38	17	ug/kg	
191-24-2	Benzo(g,h,i)perylene	998	38	19	ug/kg	
207-08-9	Benzo(k)fluoranthene	663	38	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	76	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	76	9.3	ug/kg	
92-52-4	1,1'-Biphenyl	37.2	76	5.2	ug/kg	J
100-52-7	Benzaldehyde	ND	190	9.4	ug/kg	
91-58-7	2-Chloronaphthalene	ND	76	9.1	ug/kg	
106-47-8	4-Chloroaniline	ND	190	14	ug/kg	
86-74-8	Carbazole	227	76	5.5	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 4-6		
Lab Sample ID:	JE14670-10	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	87.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	76	15	ug/kg	
218-01-9	Chrysene	1510	38	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	76	8.1	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	76	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	76	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	76	12	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	38	12	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	38	19	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	76	32	ug/kg	
123-91-1	1,4-Dioxane	ND	38	25	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	257	38	17	ug/kg	
132-64-9	Dibenzofuran	290	76	15	ug/kg	
84-74-2	Di-n-butyl phthalate	15.6	76	6.2	ug/kg	J
117-84-0	Di-n-octyl phthalate	ND	76	9.5	ug/kg	
84-66-2	Diethyl phthalate	ND	76	8.1	ug/kg	
131-11-3	Dimethyl phthalate	ND	76	6.8	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	379	76	8.9	ug/kg	
206-44-0	Fluoranthene	4780 [b]	190	85	ug/kg	
86-73-7	Fluorene	518	38	17	ug/kg	
118-74-1	Hexachlorobenzene [a]	ND	76	9.6	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	38	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	380	15	ug/kg	
67-72-1	Hexachloroethane [a]	ND	190	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	814	38	18	ug/kg	
78-59-1	Isophorone	ND	76	8.1	ug/kg	
91-57-6	2-Methylnaphthalene	232	38	8.6	ug/kg	
88-74-4	2-Nitroaniline	ND	190	9.0	ug/kg	
99-09-2	3-Nitroaniline	ND	190	9.5	ug/kg	
100-01-6	4-Nitroaniline	ND	190	9.9	ug/kg	
91-20-3	Naphthalene	296	38	11	ug/kg	
98-95-3	Nitrobenzene	ND	76	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	76	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	14	ug/kg	
85-01-8	Phenanthrene	3410	38	13	ug/kg	
129-00-0	Pyrene	3560	38	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	9.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	47%	53%	10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 4-6		
Lab Sample ID:	JE14670-10	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	87.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	47%	52%	10-96%
118-79-6	2,4,6-Tribromophenol	40%	51%	10-123%
4165-60-0	Nitrobenzene-d5	51%	51%	10-109%
321-60-8	2-Fluorobiphenyl	60%	68%	11-109%
1718-51-0	Terphenyl-d14	58%	58%	10-120%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 4-6		
Lab Sample ID:	JE14670-10	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8081B SW846 3546	**Percent Solids:**	87.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G211465.D	1	07/23/25 23:58	MLC	07/21/25 10:00	OP65540	G1G7644
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.76	0.63	ug/kg	
319-84-6	alpha-BHC	ND	0.76	0.62	ug/kg	
319-85-7	beta-BHC	ND	0.76	0.69	ug/kg	
319-86-8	delta-BHC	ND	0.76	0.73	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.76	0.56	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.76	0.61	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.76	0.34	ug/kg	
60-57-1	Dieldrin	ND	0.76	0.52	ug/kg	
72-54-8	4,4'-DDD	ND	0.76	0.70	ug/kg	
72-55-9	4,4'-DDE	ND	0.76	0.67	ug/kg	
50-29-3	4,4'-DDT	ND	0.76	0.67	ug/kg	
72-20-8	Endrin	ND	0.76	0.59	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.76	0.59	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.76	0.43	ug/kg	
959-98-8	Endosulfan-I	ND	0.76	0.44	ug/kg	
33213-65-9	Endosulfan-II	ND	0.76	0.47	ug/kg	
76-44-8	Heptachlor	ND	0.76	0.66	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.76	0.53	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.61	ug/kg	
53494-70-5	Endrin ketone	ND	0.76	0.55	ug/kg	
8001-35-2	Toxaphene	ND	19	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	59%		13-162%
877-09-8	Tetrachloro-m-xylene	69%		13-162%
2051-24-3	Decachlorobiphenyl	79%		10-180%
2051-24-3	Decachlorobiphenyl	163%		10-180%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 4-6		
Lab Sample ID:	JE14670-10	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	87.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G149786.D	1	07/10/25 06:25	AS	07/09/25 11:30	OP65168	G3G5499
Run #2							

	Initial Weight	Final Volume
Run #1	15.8 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	17	ug/kg	
11104-28-2	Aroclor 1221	ND	36	23	ug/kg	
11141-16-5	Aroclor 1232	ND	36	23	ug/kg	
53469-21-9	Aroclor 1242	ND	36	15	ug/kg	
12672-29-6	Aroclor 1248	ND	36	32	ug/kg	
11097-69-1	Aroclor 1254	ND	36	20	ug/kg	
11096-82-5	Aroclor 1260	ND	36	15	ug/kg	
11100-14-4	Aroclor 1268	ND	36	32	ug/kg	
37324-23-5	Aroclor 1262	ND	36	24	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	59%		10-174%
877-09-8	Tetrachloro-m-xylene	56%		10-174%
2051-24-3	Decachlorobiphenyl	74%		10-195%
2051-24-3	Decachlorobiphenyl	79%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB016 4-6
Lab Sample ID: JE14670-10
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 87.0

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	5800	59	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Antimony	< 2.4	2.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	10.4	2.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Barium	59.3	24	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	0.29	0.24	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	< 0.59	0.59	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Calcium	6560	590	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Chromium	15.7	1.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	< 5.9	5.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Copper	57.3	2.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Iron	11900	59	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Lead	216	2.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	2750	590	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Manganese	190	1.8	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Mercury	14.3	0.67	mg/kg	20	07/08/25	07/08/25	CM	SW846 7471B [1]	SW846 7471B [3]
Nickel	12.4	4.7	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 1200	1200	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Selenium	< 2.4	2.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Silver	< 0.59	0.59	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 1200	1200	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Thallium	< 1.2	1.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	19.1	5.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Zinc	106	5.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA58906
(2) Instrument QC Batch: MA58936
(3) Prep QC Batch: MP55680
(4) Prep QC Batch: MP55735

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB016 4-6		
Lab Sample ID:	JE14670-10	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	87.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.46	0.46	mg/kg	1	07/11/25 15:21	RI	SW846 3060A/7196A
Cyanide	< 0.30	0.30	mg/kg	1	07/09/25 19:18	SS	SW846 9012B/LACHAT
Solids, Percent	87		%	1	07/08/25 10:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB016 4-6
Lab Sample ID: JE14670-10A
Matrix: SO - Soil
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 87.0

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1321.D	1	07/18/25 00:03	AA	07/17/25 17:00	OP65480	T6Q136
Run #2							

	Initial Weight	Final Volume
Run #1	5.06 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.91	0.12	ug/kg	
2706-90-3	Perfluoropentanoic acid	0.13	0.45	0.080	ug/kg	J
307-24-4	Perfluorohexanoic acid	ND	0.23	0.034	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.23	0.057	ug/kg	
335-67-1	Perfluorooctanoic acid	3.2	0.23	0.091	ug/kg	
375-95-1	Perfluorononanoic acid	0.21	0.23	0.057	ug/kg	J
335-76-2	Perfluorodecanoic acid	ND	0.23	0.080	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.23	0.068	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.23	0.091	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.23	0.10	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.23	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.23	0.080	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.23	0.11	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	0.45	0.23	0.12	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	0.53	0.23	0.11	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	3.6	0.23	0.057	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.23	0.16	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.23	0.12	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.23	0.057	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.91	0.32	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.91	0.11	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.91	0.22	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.23	0.080	ug/kg	
31506-32-8	MeFOSA	ND	0.23	0.068	ug/kg	
4151-50-2	EtFOSA	ND	0.23	0.057	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 4-6		
Lab Sample ID:	JE14670-10A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	87.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.23	0.091	ug/kg	
2991-50-6	EtFOSAA	ND	0.23	0.15	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.3	0.32	ug/kg	
1691-99-2	EtFOSE	ND	2.3	0.83	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.91	0.20	ug/kg	
919005-14-4	ADONA	ND	0.91	0.14	ug/kg	
377-73-1	PFMPA	ND	0.45	0.034	ug/kg	
863090-89-5	PFMBA	ND	0.45	0.068	ug/kg	
151772-58-6	NFDHA	ND	0.45	0.15	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.91	0.30	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.91	0.20	ug/kg	
113507-82-7	PFEESA	ND	0.45	0.034	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.27	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.7	0.70	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.7	0.72	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	81%		8-130%
	13C5-PFPeA	77%		35-130%
	13C5-PFHxA	79%		40-130%
	13C4-PFHpA	76%		40-130%
	13C8-PFOA	80%		40-130%
	13C9-PFNA	76%		40-130%
	13C6-PFDA	78%		40-130%
	13C7-PFUnDA	89%		40-130%
	13C2-PFDoDA	80%		40-130%
	13C2-PFTeDA	85%		20-130%
	13C3-PFBS	79%		40-135%
	13C3-PFHxS	74%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 4-6		
Lab Sample ID:	JE14670-10A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	87.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	84%		40-130%
	13C8-FOSA	83%		40-130%
	d3-MeFOSA	53%		10-130%
	d5-EtFOSA	51%		10-130%
	d3-MeFOSAA	76%		40-135%
	d5-EtFOSAA	82%		40-150%
	d7-MeFOSE	85%		20-130%
	d9-EtFOSE	75%		15-130%
	13C2-4:2FTS	92%		40-165%
	13C2-6:2FTS	100%		40-215%
	13C2-8:2FTS	162%		40-275%
	13C3-HFPO-DA	79%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 13-15		
Lab Sample ID:	JE14670-11	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	83.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C195019.D	1	07/15/25 15:31	JN	n/a	n/a	V3C8461
Run #2							

	Initial Weight
Run #1	8.5 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	9.2	7.1	2.9	ug/kg	
71-43-2	Benzene	ND	0.35	0.32	ug/kg	
74-97-5	Bromochloromethane	ND	3.5	0.39	ug/kg	
75-27-4	Bromodichloromethane	ND	1.4	0.30	ug/kg	
75-25-2	Bromoform	ND	3.5	0.96	ug/kg	
74-83-9	Bromomethane [a]	ND	3.5	0.54	ug/kg	
78-93-3	2-Butanone (MEK)	ND	7.1	1.7	ug/kg	
75-15-0	Carbon disulfide	ND	1.4	0.38	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.4	0.44	ug/kg	
108-90-7	Chlorobenzene	ND	1.4	0.32	ug/kg	
75-00-3	Chloroethane [a]	ND	3.5	0.42	ug/kg	
67-66-3	Chloroform	ND	1.4	0.71	ug/kg	
74-87-3	Chloromethane	ND	3.5	1.4	ug/kg	
110-82-7	Cyclohexane	ND	1.4	0.46	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.4	0.49	ug/kg	
124-48-1	Dibromochloromethane	ND	1.4	0.39	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.71	0.30	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.71	0.39	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.71	0.35	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.71	0.35	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	3.5	0.51	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.71	0.35	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.71	0.33	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.71	0.46	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.71	0.59	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.71	0.43	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.4	0.33	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.4	0.34	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	0.32	ug/kg	
100-41-4	Ethylbenzene	ND	0.71	0.32	ug/kg	
76-13-1	Freon 113	ND	3.5	1.9	ug/kg	
591-78-6	2-Hexanone	ND	3.5	1.5	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 13-15		
Lab Sample ID:	JE14670-11	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	83.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.4	1.0	ug/kg	
79-20-9	Methyl Acetate	ND	3.5	0.98	ug/kg	
108-87-2	Methylcyclohexane	ND	1.4	0.62	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.71	0.33	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	3.5	1.6	ug/kg	
75-09-2	Methylene chloride	ND	3.5	1.8	ug/kg	
100-42-5	Styrene	ND	1.4	0.28	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.4	0.42	ug/kg	
127-18-4	Tetrachloroethene	0.50	1.4	0.41	ug/kg	J
108-88-3	Toluene	ND	0.71	0.37	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	3.5	1.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.5	1.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.4	0.34	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.4	0.39	ug/kg	
79-01-6	Trichloroethene	ND	0.71	0.54	ug/kg	
75-69-4	Trichlorofluoromethane	ND	3.5	0.48	ug/kg	
75-01-4	Vinyl chloride	ND	1.4	0.34	ug/kg	
	m,p-Xylene	ND	0.71	0.63	ug/kg	
95-47-6	o-Xylene	ND	0.71	0.32	ug/kg	
1330-20-7	Xylene (total)	ND	0.71	0.32	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-124%
17060-07-0	1,2-Dichloroethane-D4	98%		75-133%
2037-26-5	Toluene-D8	104%		79-125%
460-00-4	4-Bromofluorobenzene	102%		58-148%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB016 13-15
Lab Sample ID: JE14670-11
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 83.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12737.D	1	07/12/25 17:22	KLS	07/08/25 17:00	OP65176	ECT571
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	79	19	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	24	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	70	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	200	42	ug/kg	
95-48-7	2-Methylphenol	ND	79	25	ug/kg	
	3&4-Methylphenol	45.2	79	32	ug/kg	J
88-75-5	2-Nitrophenol [a]	ND	200	26	ug/kg	
100-02-7	4-Nitrophenol	ND	390	100	ug/kg	
87-86-5	Pentachlorophenol [a]	ND	160	37	ug/kg	
108-95-2	Phenol	ND	79	21	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	26	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	29	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	23	ug/kg	
83-32-9	Acenaphthene	180	39	14	ug/kg	
208-96-8	Acenaphthylene	ND	39	20	ug/kg	
98-86-2	Acetophenone	ND	200	8.5	ug/kg	
120-12-7	Anthracene	31.4	39	24	ug/kg	J
1912-24-9	Atrazine	ND	79	17	ug/kg	
56-55-3	Benzo(a)anthracene	17.9	39	11	ug/kg	J
50-32-8	Benzo(a)pyrene	ND	39	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	39	17	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	39	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	39	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	79	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	79	9.6	ug/kg	
92-52-4	1,1'-Biphenyl	17.6	79	5.4	ug/kg	J
100-52-7	Benzaldehyde	ND	200	9.7	ug/kg	
91-58-7	2-Chloronaphthalene	ND	79	9.4	ug/kg	
106-47-8	4-Chloroaniline	ND	200	14	ug/kg	
86-74-8	Carbazole	14.0	79	5.7	ug/kg	J

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB016 13-15
Lab Sample ID: JE14670-11
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 83.4

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	79	16	ug/kg	
218-01-9	Chrysene	ND	39	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	79	8.4	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	79	17	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	79	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	79	13	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	39	12	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	39	20	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	79	33	ug/kg	
123-91-1	1,4-Dioxane	ND	39	26	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	39	17	ug/kg	
132-64-9	Dibenzofuran	ND	79	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	79	6.4	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	79	9.8	ug/kg	
84-66-2	Diethyl phthalate	ND	79	8.4	ug/kg	
131-11-3	Dimethyl phthalate	ND	79	7.0	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	79	9.2	ug/kg	
206-44-0	Fluoranthene	121	39	18	ug/kg	
86-73-7	Fluorene	88.7	39	18	ug/kg	
118-74-1	Hexachlorobenzene [a]	ND	79	9.9	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	39	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	390	16	ug/kg	
67-72-1	Hexachloroethane [a]	ND	200	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	39	18	ug/kg	
78-59-1	Isophorone	ND	79	8.4	ug/kg	
91-57-6	2-Methylnaphthalene	58.1	39	8.9	ug/kg	
88-74-4	2-Nitroaniline	ND	200	9.3	ug/kg	
99-09-2	3-Nitroaniline	ND	200	9.8	ug/kg	
100-01-6	4-Nitroaniline	ND	200	10	ug/kg	
91-20-3	Naphthalene	120	39	11	ug/kg	
98-95-3	Nitrobenzene	ND	79	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	79	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	14	ug/kg	
85-01-8	Phenanthrene	309	39	13	ug/kg	
129-00-0	Pyrene	92.0	39	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	35%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 13-15		
Lab Sample ID:	JE14670-11	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	83.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	35%		10-96%
118-79-6	2,4,6-Tribromophenol	52%		10-123%
4165-60-0	Nitrobenzene-d5	30%		10-109%
321-60-8	2-Fluorobiphenyl	42%		11-109%
1718-51-0	Terphenyl-d14	21%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.

Report of Analysis

Client Sample ID:	SB016 13-15		
Lab Sample ID:	JE14670-11	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8081B SW846 3546	**Percent Solids:**	83.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RK30027.D	1	07/22/25 07:37	CP	07/21/25 10:00	OP65540	GRK900
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.80	0.66	ug/kg	
319-84-6	alpha-BHC	ND	0.80	0.65	ug/kg	
319-85-7	beta-BHC	ND	0.80	0.72	ug/kg	
319-86-8	delta-BHC	ND	0.80	0.77	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.80	0.59	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.80	0.65	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.80	0.36	ug/kg	
60-57-1	Dieldrin	ND	0.80	0.55	ug/kg	
72-54-8	4,4'-DDD	ND	0.80	0.73	ug/kg	
72-55-9	4,4'-DDE	ND	0.80	0.70	ug/kg	
50-29-3	4,4'-DDT	ND	0.80	0.71	ug/kg	
72-20-8	Endrin	ND	0.80	0.62	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.80	0.62	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.80	0.45	ug/kg	
959-98-8	Endosulfan-I	ND	0.80	0.46	ug/kg	
33213-65-9	Endosulfan-II	ND	0.80	0.50	ug/kg	
76-44-8	Heptachlor	ND	0.80	0.69	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.80	0.56	ug/kg	
72-43-5	Methoxychlor	ND	1.6	0.64	ug/kg	
53494-70-5	Endrin ketone	ND	0.80	0.58	ug/kg	
8001-35-2	Toxaphene	ND	20	19	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	52%		13-162%
877-09-8	Tetrachloro-m-xylene	64%		13-162%
2051-24-3	Decachlorobiphenyl	59%		10-180%
2051-24-3	Decachlorobiphenyl	51%		10-180%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 13-15		
Lab Sample ID:	JE14670-11	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	83.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G149787.D	1	07/10/25 06:42	AS	07/09/25 11:30	OP65168	G3G5499
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	40	19	ug/kg	
11104-28-2	Aroclor 1221	ND	40	25	ug/kg	
11141-16-5	Aroclor 1232	ND	40	25	ug/kg	
53469-21-9	Aroclor 1242	ND	40	16	ug/kg	
12672-29-6	Aroclor 1248	ND	40	36	ug/kg	
11097-69-1	Aroclor 1254	ND	40	22	ug/kg	
11096-82-5	Aroclor 1260	ND	40	17	ug/kg	
11100-14-4	Aroclor 1268	ND	40	35	ug/kg	
37324-23-5	Aroclor 1262	ND	40	26	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	54%		10-174%
877-09-8	Tetrachloro-m-xylene	51%		10-174%
2051-24-3	Decachlorobiphenyl	78%		10-195%
2051-24-3	Decachlorobiphenyl	81%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB016 13-15
Lab Sample ID: JE14670-11
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 83.4

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	4040	61	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Antimony [a]	< 12	12	mg/kg	5	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	4.9	2.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Barium	33.3	24	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	< 0.24	0.24	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	< 0.61	0.61	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Calcium	3860	610	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Chromium	16.9	1.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	11.5	6.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Copper [a]	21.0	15	mg/kg	5	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Iron	54900	310	mg/kg	5	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Lead	11.3	2.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	1010	610	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Manganese	1730	9.2	mg/kg	5	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Mercury	0.052	0.032	mg/kg	1	07/08/25	07/08/25	CM	SW846 7471B [1]	SW846 7471B [3]
Nickel	35.8	4.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 1200	1200	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Selenium [a]	< 12	12	mg/kg	5	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Silver [a]	< 3.1	3.1	mg/kg	5	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 1200	1200	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Thallium [a]	< 6.1	6.1	mg/kg	5	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	33.4	6.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Zinc	23.9	6.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA58906
(2) Instrument QC Batch: MA58936
(3) Prep QC Batch: MP55680
(4) Prep QC Batch: MP55735

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB016 13-15		
Lab Sample ID:	JE14670-11	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	83.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.50	0.50	mg/kg	1	07/14/25 13:03	RI	SW846 3060A/7196A
Cyanide	< 0.34	0.34	mg/kg	1	07/09/25 19:19	SS	SW846 9012B/LACHAT
Solids, Percent	83.4		%	1	07/08/25 10:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB016 13-15		
Lab Sample ID:	JE14670-11A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	83.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1322.D	1	07/18/25 00:16	AA	07/17/25 17:00	OP65480	T6Q136
Run #2							

	Initial Weight	Final Volume
Run #1	5.09 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.94	0.13	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.47	0.082	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.24	0.035	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.24	0.059	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.24	0.094	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.24	0.059	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.24	0.082	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.24	0.071	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.24	0.094	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.24	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.24	0.12	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.24	0.082	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.24	0.12	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.24	0.13	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.24	0.12	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	0.46	0.24	0.059	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.24	0.16	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.24	0.13	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.24	0.059	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.94	0.33	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.94	0.12	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.94	0.22	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.24	0.082	ug/kg	
31506-32-8	MeFOSA	ND	0.24	0.071	ug/kg	
4151-50-2	EtFOSA	ND	0.24	0.059	ug/kg	

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 13-15		
Lab Sample ID:	JE14670-11A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	83.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.24	0.094	ug/kg	
2991-50-6	EtFOSAA	ND	0.24	0.15	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.4	0.33	ug/kg	
1691-99-2	EtFOSE	ND	2.4	0.86	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.94	0.21	ug/kg	
919005-14-4	ADONA	ND	0.94	0.14	ug/kg	
377-73-1	PFMPA	ND	0.47	0.035	ug/kg	
863090-89-5	PFMBA	ND	0.47	0.071	ug/kg	
151772-58-6	NFDHA	ND	0.47	0.15	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.94	0.31	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.94	0.21	ug/kg	
113507-82-7	PFEESA	ND	0.47	0.035	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.28	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.9	0.73	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.9	0.74	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	80%		8-130%
	13C5-PFPeA	76%		35-130%
	13C5-PFHxA	77%		40-130%
	13C4-PFHpA	77%		40-130%
	13C8-PFOA	78%		40-130%
	13C9-PFNA	76%		40-130%
	13C6-PFDA	77%		40-130%
	13C7-PFUnDA	83%		40-130%
	13C2-PFDoDA	78%		40-130%
	13C2-PFTeDA	86%		20-130%
	13C3-PFBS	78%		40-135%
	13C3-PFHxS	77%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 13-15		
Lab Sample ID:	JE14670-11A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	83.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	75%		40-130%
	13C8-FOSA	87%		40-130%
	d3-MeFOSA	37%		10-130%
	d5-EtFOSA	35%		10-130%
	d3-MeFOSAA	79%		40-135%
	d5-EtFOSAA	86%		40-150%
	d7-MeFOSE	72%		20-130%
	d9-EtFOSE	58%		15-130%
	13C2-4:2FTS	105%		40-165%
	13C2-6:2FTS	113%		40-215%
	13C2-8:2FTS	163%		40-275%
	13C3-HFPO-DA	80%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 18-20		
Lab Sample ID:	JE14670-12	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	68.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216196.D	1	07/14/25 14:44	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	5.3 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	35.3	14	5.7	ug/kg	
71-43-2	Benzene	ND	0.69	0.63	ug/kg	
74-97-5	Bromochloromethane	ND	6.9	0.77	ug/kg	
75-27-4	Bromodichloromethane	ND	2.8	0.59	ug/kg	
75-25-2	Bromoform	ND	6.9	1.9	ug/kg	
74-83-9	Bromomethane	ND	6.9	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	5.0	14	3.3	ug/kg	J
75-15-0	Carbon disulfide	20.4	2.8	0.74	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.8	0.85	ug/kg	
108-90-7	Chlorobenzene	ND	2.8	0.63	ug/kg	
75-00-3	Chloroethane	ND	6.9	0.81	ug/kg	
67-66-3	Chloroform	ND	2.8	1.4	ug/kg	
74-87-3	Chloromethane [a]	ND	6.9	2.7	ug/kg	
110-82-7	Cyclohexane	ND	2.8	0.90	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.8	0.96	ug/kg	
124-48-1	Dibromochloromethane	ND	2.8	0.77	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.4	0.58	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.4	0.75	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.4	0.68	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.4	0.68	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.9	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.4	0.68	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.4	0.65	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.4	0.90	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.4	1.2	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.84	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.8	0.65	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.8	0.65	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.8	0.63	ug/kg	
100-41-4	Ethylbenzene	ND	1.4	0.62	ug/kg	
76-13-1	Freon 113	ND	6.9	3.7	ug/kg	
591-78-6	2-Hexanone	ND	6.9	2.9	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 18-20		
Lab Sample ID:	JE14670-12	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	68.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.8	2.0	ug/kg	
79-20-9	Methyl Acetate [b]	ND	6.9	1.9	ug/kg	
108-87-2	Methylcyclohexane	ND	2.8	1.2	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.4	0.65	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.9	3.1	ug/kg	
75-09-2	Methylene chloride	ND	6.9	3.6	ug/kg	
100-42-5	Styrene	ND	2.8	0.55	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.8	0.82	ug/kg	
127-18-4	Tetrachloroethene	ND	2.8	0.80	ug/kg	
108-88-3	Toluene	ND	1.4	0.72	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.9	3.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.9	3.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.8	0.67	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.8	0.76	ug/kg	
79-01-6	Trichloroethene	ND	1.4	1.0	ug/kg	
75-69-4	Trichlorofluoromethane [b]	ND	6.9	0.94	ug/kg	
75-01-4	Vinyl chloride	ND	2.8	0.66	ug/kg	
	m,p-Xylene	ND	1.4	1.2	ug/kg	
95-47-6	o-Xylene	ND	1.4	0.63	ug/kg	
1330-20-7	Xylene (total)	ND	1.4	0.63	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-124%
17060-07-0	1,2-Dichloroethane-D4	103%		75-133%
2037-26-5	Toluene-D8	95%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 18-20		
Lab Sample ID:	JE14670-12	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	68.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12746.D	1	07/12/25 20:06	KLS	07/08/25 17:00	OP65176	ECT571
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	96	24	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	240	29	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	240	41	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	240	85	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	240	180	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	240	51	ug/kg	
95-48-7	2-Methylphenol	ND	96	31	ug/kg	
	3&4-Methylphenol	51.9	96	39	ug/kg	J
88-75-5	2-Nitrophenol [a]	ND	240	32	ug/kg	
100-02-7	4-Nitrophenol	ND	480	130	ug/kg	
87-86-5	Pentachlorophenol [a]	ND	190	45	ug/kg	
108-95-2	Phenol	ND	96	25	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	240	32	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	240	36	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	240	29	ug/kg	
83-32-9	Acenaphthene	64.9	48	17	ug/kg	
208-96-8	Acenaphthylene	76.9	48	24	ug/kg	
98-86-2	Acetophenone	ND	240	10	ug/kg	
120-12-7	Anthracene	328	48	29	ug/kg	
1912-24-9	Atrazine	ND	96	21	ug/kg	
56-55-3	Benzo(a)anthracene	588	48	14	ug/kg	
50-32-8	Benzo(a)pyrene	544	48	22	ug/kg	
205-99-2	Benzo(b)fluoranthene	537	48	21	ug/kg	
191-24-2	Benzo(g,h,i)perylene	251	48	24	ug/kg	
207-08-9	Benzo(k)fluoranthene	176	48	22	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	96	19	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	96	12	ug/kg	
92-52-4	1,1'-Biphenyl	22.2	96	6.6	ug/kg	J
100-52-7	Benzaldehyde	12.4	240	12	ug/kg	J
91-58-7	2-Chloronaphthalene	ND	96	11	ug/kg	
106-47-8	4-Chloroaniline	ND	240	17	ug/kg	
86-74-8	Carbazole	15.0	96	7.0	ug/kg	J

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 18-20		
Lab Sample ID:	JE14670-12	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	68.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	96	19	ug/kg	
218-01-9	Chrysene	525	48	15	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	96	10	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	96	21	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	96	17	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	96	16	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	48	15	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	48	24	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	96	40	ug/kg	
123-91-1	1,4-Dioxane	ND	48	32	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	71.3	48	21	ug/kg	
132-64-9	Dibenzofuran	43.6	96	20	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	96	7.8	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	96	12	ug/kg	
84-66-2	Diethyl phthalate	ND	96	10	ug/kg	
131-11-3	Dimethyl phthalate	ND	96	8.5	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	96	11	ug/kg	
206-44-0	Fluoranthene	1190	48	21	ug/kg	
86-73-7	Fluorene	101	48	22	ug/kg	
118-74-1	Hexachlorobenzene [a]	ND	96	12	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	48	19	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	480	19	ug/kg	
67-72-1	Hexachloroethane [a]	ND	240	24	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	205	48	23	ug/kg	
78-59-1	Isophorone	ND	96	10	ug/kg	
91-57-6	2-Methylnaphthalene	28.3	48	11	ug/kg	J
88-74-4	2-Nitroaniline	ND	240	11	ug/kg	
99-09-2	3-Nitroaniline	ND	240	12	ug/kg	
100-01-6	4-Nitroaniline	ND	240	12	ug/kg	
91-20-3	Naphthalene	92.1	48	14	ug/kg	
98-95-3	Nitrobenzene	ND	96	19	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	96	14	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	240	18	ug/kg	
85-01-8	Phenanthrene	722	48	16	ug/kg	
129-00-0	Pyrene	1150	48	15	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	240	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	43%		10-99%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 18-20		
Lab Sample ID:	JE14670-12	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	68.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	41%		10-96%
118-79-6	2,4,6-Tribromophenol	59%		10-123%
4165-60-0	Nitrobenzene-d5	41%		10-109%
321-60-8	2-Fluorobiphenyl	51%		11-109%
1718-51-0	Terphenyl-d14	53%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB016 18-20
Lab Sample ID: JE14670-12
Matrix: SO - Soil
Method: SW846 8081B SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 68.5

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G211466.D	1	07/24/25 00:13	MLC	07/21/25 10:00	OP65540	G1G7644
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.96	0.79	ug/kg	
319-84-6	alpha-BHC	ND	0.96	0.78	ug/kg	
319-85-7	beta-BHC	ND	0.96	0.87	ug/kg	
319-86-8	delta-BHC	ND	0.96	0.92	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.96	0.71	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.96	0.78	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.96	0.44	ug/kg	
60-57-1	Dieldrin	ND	0.96	0.66	ug/kg	
72-54-8	4,4'-DDD	ND	0.96	0.88	ug/kg	
72-55-9	4,4'-DDE	ND	0.96	0.84	ug/kg	
50-29-3	4,4'-DDT	ND	0.96	0.85	ug/kg	
72-20-8	Endrin	ND	0.96	0.75	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.96	0.75	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.96	0.54	ug/kg	
959-98-8	Endosulfan-I	ND	0.96	0.55	ug/kg	
33213-65-9	Endosulfan-II	ND	0.96	0.60	ug/kg	
76-44-8	Heptachlor	ND	0.96	0.83	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.96	0.67	ug/kg	
72-43-5	Methoxychlor	ND	1.9	0.76	ug/kg	
53494-70-5	Endrin ketone	ND	0.96	0.69	ug/kg	
8001-35-2	Toxaphene	ND	24	22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	94%		13-162%
877-09-8	Tetrachloro-m-xylene	92%		13-162%
2051-24-3	Decachlorobiphenyl	99%		10-180%
2051-24-3	Decachlorobiphenyl	100%		10-180%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 18-20		
Lab Sample ID:	JE14670-12	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	68.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G149788.D	1	07/10/25 06:58	AS	07/09/25 11:30	OP65168	G3G5499
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	47	22	ug/kg	
11104-28-2	Aroclor 1221	ND	47	29	ug/kg	
11141-16-5	Aroclor 1232	ND	47	30	ug/kg	
53469-21-9	Aroclor 1242	ND	47	19	ug/kg	
12672-29-6	Aroclor 1248	ND	47	42	ug/kg	
11097-69-1	Aroclor 1254	ND	47	25	ug/kg	
11096-82-5	Aroclor 1260	ND	47	20	ug/kg	
11100-14-4	Aroclor 1268	ND	47	41	ug/kg	
37324-23-5	Aroclor 1262	ND	47	31	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	56%		10-174%
877-09-8	Tetrachloro-m-xylene	59%		10-174%
2051-24-3	Decachlorobiphenyl	70%		10-195%
2051-24-3	Decachlorobiphenyl	69%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB016 18-20
Lab Sample ID: JE14670-12
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 68.5

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	11200	74	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Antimony	< 3.0	3.0	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	15.0	3.0	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Barium	33.9	30	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	0.59	0.30	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	< 0.74	0.74	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Calcium	3980	740	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Chromium	25.5	1.5	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	9.6	7.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Copper	33.2	3.7	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Iron	21500	74	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Lead	77.8	3.0	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	5380	740	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Manganese	273	2.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Mercury	0.40	0.045	mg/kg	1	07/08/25	07/08/25	CM	SW846 7471B [1]	SW846 7471B [3]
Nickel	22.0	5.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Potassium	1640	1500	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Selenium	< 3.0	3.0	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Silver	< 0.74	0.74	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 1500	1500	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Thallium	< 1.5	1.5	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	23.2	7.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Zinc	99.0	7.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA58906
(2) Instrument QC Batch: MA58936
(3) Prep QC Batch: MP55680
(4) Prep QC Batch: MP55735

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB016 18-20		
Lab Sample ID:	JE14670-12	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	68.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.56	0.56	mg/kg	1	07/14/25 13:03	RI	SW846 3060A/7196A
Cyanide	< 0.35	0.35	mg/kg	1	07/09/25 19:19	SS	SW846 9012B/LACHAT
Solids, Percent	68.5		%	1	07/08/25 10:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB016 18-20		
Lab Sample ID:	JE14670-12A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	68.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1323.D	1	07/18/25 00:29	AA	07/17/25 17:00	OP65480	T6Q136
Run #2							

	Initial Weight	Final Volume
Run #1	5.07 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	1.2	0.16	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.58	0.10	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.29	0.043	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.29	0.072	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.29	0.12	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.29	0.072	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.29	0.10	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.29	0.086	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.29	0.12	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.29	0.13	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.29	0.14	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.29	0.10	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.29	0.14	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.29	0.16	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.29	0.14	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	ND	0.29	0.072	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.29	0.20	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.29	0.16	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.29	0.072	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	1.2	0.40	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	1.2	0.14	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	1.2	0.27	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.29	0.10	ug/kg	
31506-32-8	MeFOSA	ND	0.29	0.086	ug/kg	
4151-50-2	EtFOSA	ND	0.29	0.072	ug/kg	

ND = Not detected MDL = Method Detection Limit
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E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 18-20		
Lab Sample ID:	JE14670-12A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	68.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.29	0.12	ug/kg	
2991-50-6	EtFOSAA	ND	0.29	0.19	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.9	0.40	ug/kg	
1691-99-2	EtFOSE	ND	2.9	1.1	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	1.2	0.26	ug/kg	
919005-14-4	ADONA	ND	1.2	0.17	ug/kg	
377-73-1	PFMPA	ND	0.58	0.043	ug/kg	
863090-89-5	PFMBA	ND	0.58	0.086	ug/kg	
151772-58-6	NFDHA	ND	0.58	0.19	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	1.2	0.37	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	1.2	0.26	ug/kg	
113507-82-7	PFEESA	ND	0.58	0.043	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.4	0.35	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	7.2	0.89	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	7.2	0.91	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	79%		8-130%
	13C5-PFPeA	78%		35-130%
	13C5-PFHxA	81%		40-130%
	13C4-PFHpA	76%		40-130%
	13C8-PFOA	75%		40-130%
	13C9-PFNA	77%		40-130%
	13C6-PFDA	81%		40-130%
	13C7-PFUnDA	85%		40-130%
	13C2-PFDoDA	76%		40-130%
	13C2-PFTeDA	83%		20-130%
	13C3-PFBS	77%		40-135%
	13C3-PFHxS	70%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 18-20		
Lab Sample ID:	JE14670-12A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	68.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	82%		40-130%
	13C8-FOSA	82%		40-130%
	d3-MeFOSA	36%		10-130%
	d5-EtFOSA	31%		10-130%
	d3-MeFOSAA	77%		40-135%
	d5-EtFOSAA	80%		40-150%
	d7-MeFOSE	74%		20-130%
	d9-EtFOSE	60%		15-130%
	13C2-4:2FTS	77%		40-165%
	13C2-6:2FTS	82%		40-215%
	13C2-8:2FTS	141%		40-275%
	13C3-HFPO-DA	79%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB017 8-10		
Lab Sample ID:	JE14670-13	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	87.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216197.D	1	07/14/25 15:06	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	6.2 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	32.4	9.2	3.8	ug/kg	
71-43-2	Benzene	ND	0.46	0.42	ug/kg	
74-97-5	Bromochloromethane	ND	4.6	0.51	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.39	ug/kg	
75-25-2	Bromoform	ND	4.6	1.3	ug/kg	
74-83-9	Bromomethane	ND	4.6	0.70	ug/kg	
78-93-3	2-Butanone (MEK)	5.0	9.2	2.2	ug/kg	J
75-15-0	Carbon disulfide	ND	1.8	0.49	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.8	0.57	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.42	ug/kg	
75-00-3	Chloroethane	ND	4.6	0.54	ug/kg	
67-66-3	Chloroform	ND	1.8	0.92	ug/kg	
74-87-3	Chloromethane [a]	ND	4.6	1.8	ug/kg	
110-82-7	Cyclohexane	ND	1.8	0.60	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.8	0.64	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.51	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.92	0.39	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.92	0.50	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.92	0.46	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.92	0.45	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.6	0.67	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.92	0.46	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.92	0.43	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.92	0.60	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.92	0.77	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.92	0.56	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.43	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.44	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.42	ug/kg	
100-41-4	Ethylbenzene	ND	0.92	0.42	ug/kg	
76-13-1	Freon 113	ND	4.6	2.5	ug/kg	
591-78-6	2-Hexanone	ND	4.6	1.9	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB017 8-10		
Lab Sample ID:	JE14670-13	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	87.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.8	1.3	ug/kg	
79-20-9	Methyl Acetate [b]	ND	4.6	1.3	ug/kg	
108-87-2	Methylcyclohexane	ND	1.8	0.80	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.92	0.43	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.6	2.1	ug/kg	
75-09-2	Methylene chloride	ND	4.6	2.4	ug/kg	
100-42-5	Styrene	ND	1.8	0.37	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.55	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	0.53	ug/kg	
108-88-3	Toluene	ND	0.92	0.48	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.6	2.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.6	2.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.44	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.51	ug/kg	
79-01-6	Trichloroethene	ND	0.92	0.70	ug/kg	
75-69-4	Trichlorofluoromethane [b]	ND	4.6	0.63	ug/kg	
75-01-4	Vinyl chloride	ND	1.8	0.44	ug/kg	
	m,p-Xylene	ND	0.92	0.82	ug/kg	
95-47-6	o-Xylene	ND	0.92	0.42	ug/kg	
1330-20-7	Xylene (total)	ND	0.92	0.42	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-124%
17060-07-0	1,2-Dichloroethane-D4	101%		75-133%
2037-26-5	Toluene-D8	95%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB017 8-10		
Lab Sample ID:	JE14670-13	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	87.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12738.D	1	07/12/25 17:41	KLS	07/08/25 17:00	OP65176	ECT571
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	74	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	23	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	32	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	66	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	190	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	190	40	ug/kg	
95-48-7	2-Methylphenol	ND	74	24	ug/kg	
	3&4-Methylphenol	ND	74	31	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	190	25	ug/kg	
100-02-7	4-Nitrophenol	ND	370	99	ug/kg	
87-86-5	Pentachlorophenol [a]	ND	150	35	ug/kg	
108-95-2	Phenol	ND	74	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	25	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	28	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	22	ug/kg	
83-32-9	Acenaphthene	14.3	37	13	ug/kg	J
208-96-8	Acenaphthylene	ND	37	19	ug/kg	
98-86-2	Acetophenone	ND	190	8.0	ug/kg	
120-12-7	Anthracene	44.3	37	23	ug/kg	
1912-24-9	Atrazine	ND	74	16	ug/kg	
56-55-3	Benzo(a)anthracene	95.3	37	11	ug/kg	
50-32-8	Benzo(a)pyrene	83.7	37	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	116	37	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	49.9	37	19	ug/kg	
207-08-9	Benzo(k)fluoranthene	28.4	37	17	ug/kg	J
101-55-3	4-Bromophenyl phenyl ether	ND	74	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	74	9.1	ug/kg	
92-52-4	1,1'-Biphenyl	5.9	74	5.1	ug/kg	J
100-52-7	Benzaldehyde	ND	190	9.2	ug/kg	
91-58-7	2-Chloronaphthalene	ND	74	8.8	ug/kg	
106-47-8	4-Chloroaniline	ND	190	13	ug/kg	
86-74-8	Carbazole	9.8	74	5.4	ug/kg	J

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB017 8-10		
Lab Sample ID:	JE14670-13	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	87.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	74	15	ug/kg	
218-01-9	Chrysene	101	37	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	74	7.9	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	74	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	74	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	74	12	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	37	12	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	37	19	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	74	31	ug/kg	
123-91-1	1,4-Dioxane	ND	37	25	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	37	16	ug/kg	
132-64-9	Dibenzofuran	17.4	74	15	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	74	6.1	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	74	9.2	ug/kg	
84-66-2	Diethyl phthalate	ND	74	7.9	ug/kg	
131-11-3	Dimethyl phthalate	ND	74	6.6	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	74	8.7	ug/kg	
206-44-0	Fluoranthene	221	37	17	ug/kg	
86-73-7	Fluorene	19.7	37	17	ug/kg	J
118-74-1	Hexachlorobenzene [a]	ND	74	9.4	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	37	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	370	15	ug/kg	
67-72-1	Hexachloroethane [a]	ND	190	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	40.0	37	17	ug/kg	
78-59-1	Isophorone	ND	74	7.9	ug/kg	
91-57-6	2-Methylnaphthalene	16.5	37	8.4	ug/kg	J
88-74-4	2-Nitroaniline	ND	190	8.8	ug/kg	
99-09-2	3-Nitroaniline	ND	190	9.3	ug/kg	
100-01-6	4-Nitroaniline	ND	190	9.6	ug/kg	
91-20-3	Naphthalene	28.9	37	10	ug/kg	J
98-95-3	Nitrobenzene	ND	74	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	74	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	14	ug/kg	
85-01-8	Phenanthrene	168	37	12	ug/kg	
129-00-0	Pyrene	206	37	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	9.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	27%		10-99%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB017 8-10		
Lab Sample ID:	JE14670-13	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	87.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	25%		10-96%
118-79-6	2,4,6-Tribromophenol	37%		10-123%
4165-60-0	Nitrobenzene-d5	26%		10-109%
321-60-8	2-Fluorobiphenyl	32%		11-109%
1718-51-0	Terphenyl-d14	33%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB017 8-10		
Lab Sample ID:	JE14670-13	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8081B SW846 3546	**Percent Solids:**	87.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G211467.D	1	07/24/25 00:29	MLC	07/21/25 10:00	OP65540	G1G7644
Run #2							

	Initial Weight	Final Volume
Run #1	15.6 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.73	0.60	ug/kg	
319-84-6	alpha-BHC	ND	0.73	0.59	ug/kg	
319-85-7	beta-BHC	ND	0.73	0.66	ug/kg	
319-86-8	delta-BHC	ND	0.73	0.70	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.73	0.54	ug/kg	
5103-71-9	alpha-Chlordane [a]	2.3	0.73	0.59	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.73	0.33	ug/kg	
60-57-1	Dieldrin	ND	0.73	0.50	ug/kg	
72-54-8	4,4'-DDD	ND	0.73	0.67	ug/kg	
72-55-9	4,4'-DDE	ND	0.73	0.64	ug/kg	
50-29-3	4,4'-DDT	ND	0.73	0.65	ug/kg	
72-20-8	Endrin	ND	0.73	0.57	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.73	0.57	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.73	0.41	ug/kg	
959-98-8	Endosulfan-I	ND	0.73	0.42	ug/kg	
33213-65-9	Endosulfan-II	ND	0.73	0.46	ug/kg	
76-44-8	Heptachlor	ND	0.73	0.63	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.73	0.51	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.58	ug/kg	
53494-70-5	Endrin ketone	ND	0.73	0.53	ug/kg	
8001-35-2	Toxaphene	ND	18	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	98%		13-162%
877-09-8	Tetrachloro-m-xylene	94%		13-162%
2051-24-3	Decachlorobiphenyl	109%		10-180%
2051-24-3	Decachlorobiphenyl	101%		10-180%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB017 8-10
Lab Sample ID: JE14670-13
Matrix: SO - Soil
Method: SW846 8082A SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 87.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G149793.D	1	07/10/25 08:20	AS	07/09/25 11:30	OP65168	G3G5499
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	37	17	ug/kg	
11104-28-2	Aroclor 1221	ND	37	23	ug/kg	
11141-16-5	Aroclor 1232	ND	37	23	ug/kg	
53469-21-9	Aroclor 1242	ND	37	15	ug/kg	
12672-29-6	Aroclor 1248	ND	37	33	ug/kg	
11097-69-1	Aroclor 1254	ND	37	20	ug/kg	
11096-82-5	Aroclor 1260	ND	37	16	ug/kg	
11100-14-4	Aroclor 1268	ND	37	32	ug/kg	
37324-23-5	Aroclor 1262	ND	37	24	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	77%		10-174%
877-09-8	Tetrachloro-m-xylene	84%		10-174%
2051-24-3	Decachlorobiphenyl	79%		10-195%
2051-24-3	Decachlorobiphenyl	87%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB017 8-10
Lab Sample ID: JE14670-13
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 87.7

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	5060	39	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Antimony	< 1.6	1.6	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	2.0	1.6	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Barium	38.8	16	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	0.16	0.16	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	< 0.39	0.39	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Calcium	5820	390	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Chromium	16.1	0.78	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	4.8	3.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Copper	32.2	1.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Iron	11000	39	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Lead	25.2	1.6	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	3620	390	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Manganese	244	1.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Mercury	0.38	0.034	mg/kg	1	07/08/25	07/08/25	CM	SW846 7471B [1]	SW846 7471B [3]
Nickel	17.2	3.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Potassium	942	780	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Selenium	< 1.6	1.6	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Silver	< 0.39	0.39	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 780	780	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Thallium	< 0.78	0.78	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	17.2	3.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Zinc	26.4	3.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA58906
(2) Instrument QC Batch: MA58936
(3) Prep QC Batch: MP55680
(4) Prep QC Batch: MP55735

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB017 8-10		
Lab Sample ID:	JE14670-13	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	87.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.45	0.45	mg/kg	1	07/14/25 13:03	RI	SW846 3060A/7196A
Cyanide	< 0.24	0.24	mg/kg	1	07/09/25 19:20	SS	SW846 9012B/LACHAT
Solids, Percent	87.7		%	1	07/08/25 10:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB017 8-10
Lab Sample ID: JE14670-13A
Matrix: SO - Soil
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 87.7

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1324.D	1	07/18/25 00:43	AA	07/17/25 17:00	OP65480	T6Q136
Run #2							

	Initial Weight	Final Volume
Run #1	5.10 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.89	0.12	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.45	0.078	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.034	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.056	ug/kg	
335-67-1	Perfluorooctanoic acid	0.38	0.22	0.089	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.056	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.078	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.067	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.089	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.10	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.078	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.11	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	0.14	0.22	0.12	ug/kg	J
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.11	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	2.8	0.22	0.056	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.16	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.12	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.056	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.89	0.31	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.89	0.11	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.89	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.22	0.078	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.067	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.056	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB017 8-10		
Lab Sample ID:	JE14670-13A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	87.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.22	0.089	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.15	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.2	0.31	ug/kg	
1691-99-2	EtFOSE	ND	2.2	0.82	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.89	0.20	ug/kg	
919005-14-4	ADONA	ND	0.89	0.13	ug/kg	
377-73-1	PFMPA	ND	0.45	0.034	ug/kg	
863090-89-5	PFMBA	ND	0.45	0.067	ug/kg	
151772-58-6	NFDHA	ND	0.45	0.15	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.89	0.29	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.89	0.20	ug/kg	
113507-82-7	PFEESA	ND	0.45	0.034	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.27	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.6	0.69	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.6	0.70	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	81%		8-130%
	13C5-PFPeA	79%		35-130%
	13C5-PFHxA	81%		40-130%
	13C4-PFHpA	80%		40-130%
	13C8-PFOA	79%		40-130%
	13C9-PFNA	76%		40-130%
	13C6-PFDA	80%		40-130%
	13C7-PFUnDA	88%		40-130%
	13C2-PFDoDA	78%		40-130%
	13C2-PFTeDA	90%		20-130%
	13C3-PFBS	80%		40-135%
	13C3-PFHxS	73%		40-130%

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E = Indicates value exceeds calibration range
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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB017 8-10		
Lab Sample ID:	JE14670-13A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	87.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	86%		40-130%
	13C8-FOSA	87%		40-130%
	d3-MeFOSA	55%		10-130%
	d5-EtFOSA	52%		10-130%
	d3-MeFOSAA	82%		40-135%
	d5-EtFOSAA	85%		40-150%
	d7-MeFOSE	88%		20-130%
	d9-EtFOSE	77%		15-130%
	13C2-4:2FTS	89%		40-165%
	13C2-6:2FTS	104%		40-215%
	13C2-8:2FTS	155%		40-275%
	13C3-HFPO-DA	83%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB017 13-15		
Lab Sample ID:	JE14670-14	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	81.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216198.D	1	07/14/25 15:28	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	3.7 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	9.2	17	6.8	ug/kg	J
71-43-2	Benzene	ND	0.83	0.75	ug/kg	
74-97-5	Bromochloromethane	ND	8.3	0.92	ug/kg	
75-27-4	Bromodichloromethane	ND	3.3	0.71	ug/kg	
75-25-2	Bromoform	ND	8.3	2.2	ug/kg	
74-83-9	Bromomethane	ND	8.3	1.3	ug/kg	
78-93-3	2-Butanone (MEK)	ND	17	4.0	ug/kg	
75-15-0	Carbon disulfide	ND	3.3	0.88	ug/kg	
56-23-5	Carbon tetrachloride	ND	3.3	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	3.3	0.76	ug/kg	
75-00-3	Chloroethane	ND	8.3	0.98	ug/kg	
67-66-3	Chloroform	ND	3.3	1.7	ug/kg	
74-87-3	Chloromethane [a]	ND	8.3	3.2	ug/kg	
110-82-7	Cyclohexane	ND	3.3	1.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.3	1.1	ug/kg	
124-48-1	Dibromochloromethane	ND	3.3	0.92	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.7	0.69	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.7	0.90	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.7	0.82	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.7	0.82	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	8.3	1.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.7	0.82	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.7	0.78	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.7	1.1	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.7	1.4	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.7	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.3	0.78	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.3	0.78	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.3	0.75	ug/kg	
100-41-4	Ethylbenzene	ND	1.7	0.75	ug/kg	
76-13-1	Freon 113	ND	8.3	4.4	ug/kg	
591-78-6	2-Hexanone	ND	8.3	3.5	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB017 13-15		
Lab Sample ID:	JE14670-14	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	81.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	3.3	2.3	ug/kg	
79-20-9	Methyl Acetate [b]	ND	8.3	2.3	ug/kg	
108-87-2	Methylcyclohexane	ND	3.3	1.4	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.7	0.77	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	8.3	3.7	ug/kg	
75-09-2	Methylene chloride	ND	8.3	4.3	ug/kg	
100-42-5	Styrene	ND	3.3	0.66	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.3	0.99	ug/kg	
127-18-4	Tetrachloroethene	ND	3.3	0.96	ug/kg	
108-88-3	Toluene	ND	1.7	0.87	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	8.3	4.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	8.3	4.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.3	0.80	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.3	0.91	ug/kg	
79-01-6	Trichloroethene	ND	1.7	1.3	ug/kg	
75-69-4	Trichlorofluoromethane [b]	ND	8.3	1.1	ug/kg	
75-01-4	Vinyl chloride	ND	3.3	0.79	ug/kg	
	m,p-Xylene	ND	1.7	1.5	ug/kg	
95-47-6	o-Xylene	ND	1.7	0.76	ug/kg	
1330-20-7	Xylene (total)	ND	1.7	0.76	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-124%
17060-07-0	1,2-Dichloroethane-D4	99%		75-133%
2037-26-5	Toluene-D8	99%		79-125%
460-00-4	4-Bromofluorobenzene	103%		58-148%

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
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E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB017 13-15
Lab Sample ID: JE14670-14
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 81.9

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12747.D	1	07/12/25 20:24	KLS	07/08/25 17:00	OP65176	ECT571
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	80	20	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	24	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	71	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	200	43	ug/kg	
95-48-7	2-Methylphenol	ND	80	25	ug/kg	
	3&4-Methylphenol	ND	80	33	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	200	26	ug/kg	
100-02-7	4-Nitrophenol	ND	400	110	ug/kg	
87-86-5	Pentachlorophenol [a]	ND	160	37	ug/kg	
108-95-2	Phenol	ND	80	21	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	26	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	30	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	24	ug/kg	
83-32-9	Acenaphthene	ND	40	14	ug/kg	
208-96-8	Acenaphthylene	68.0	40	20	ug/kg	
98-86-2	Acetophenone	ND	200	8.6	ug/kg	
120-12-7	Anthracene	65.2	40	24	ug/kg	
1912-24-9	Atrazine	ND	80	17	ug/kg	
56-55-3	Benzo(a)anthracene	243	40	11	ug/kg	
50-32-8	Benzo(a)pyrene	246	40	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	300	40	18	ug/kg	
191-24-2	Benzo(g,h,i)perylene	150	40	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	83.5	40	19	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	80	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	80	9.7	ug/kg	
92-52-4	1,1'-Biphenyl	11.2	80	5.5	ug/kg	J
100-52-7	Benzaldehyde	15.2	200	9.9	ug/kg	J
91-58-7	2-Chloronaphthalene	ND	80	9.5	ug/kg	
106-47-8	4-Chloroaniline	ND	200	14	ug/kg	
86-74-8	Carbazole	24.6	80	5.8	ug/kg	J

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB017 13-15		
Lab Sample ID:	JE14670-14	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	81.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	80	16	ug/kg	
218-01-9	Chrysene	261	40	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	80	8.5	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	80	17	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	80	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	80	13	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	40	12	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	40	20	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	80	33	ug/kg	
123-91-1	1,4-Dioxane	ND	40	26	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	41.8	40	18	ug/kg	
132-64-9	Dibenzofuran	25.2	80	16	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	80	6.5	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	80	9.9	ug/kg	
84-66-2	Diethyl phthalate	ND	80	8.5	ug/kg	
131-11-3	Dimethyl phthalate	ND	80	7.1	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	80	9.3	ug/kg	
206-44-0	Fluoranthene	474	40	18	ug/kg	
86-73-7	Fluorene	21.9	40	18	ug/kg	J
118-74-1	Hexachlorobenzene [a]	ND	80	10	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	40	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	400	16	ug/kg	
67-72-1	Hexachloroethane [a]	ND	200	20	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	128	40	19	ug/kg	
78-59-1	Isophorone	ND	80	8.5	ug/kg	
91-57-6	2-Methylnaphthalene	36.3	40	9.0	ug/kg	J
88-74-4	2-Nitroaniline	ND	200	9.4	ug/kg	
99-09-2	3-Nitroaniline	ND	200	10	ug/kg	
100-01-6	4-Nitroaniline	ND	200	10	ug/kg	
91-20-3	Naphthalene	46.2	40	11	ug/kg	
98-95-3	Nitrobenzene	ND	80	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	80	12	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	15	ug/kg	
85-01-8	Phenanthrene	292	40	13	ug/kg	
129-00-0	Pyrene	441	40	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	45%		10-99%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB017 13-15		
Lab Sample ID:	JE14670-14	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	81.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	44%		10-96%
118-79-6	2,4,6-Tribromophenol	66%		10-123%
4165-60-0	Nitrobenzene-d5	41%		10-109%
321-60-8	2-Fluorobiphenyl	57%		11-109%
1718-51-0	Terphenyl-d14	60%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB017 13-15		
Lab Sample ID:	JE14670-14	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8081B SW846 3546	**Percent Solids:**	81.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RK30030.D	1	07/22/25 08:30	CP	07/21/25 10:00	OP65540	GRK900
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.78	0.64	ug/kg	
319-84-6	alpha-BHC	ND	0.78	0.63	ug/kg	
319-85-7	beta-BHC	ND	0.78	0.70	ug/kg	
319-86-8	delta-BHC	ND	0.78	0.75	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.78	0.57	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.78	0.63	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.78	0.35	ug/kg	
60-57-1	Dieldrin	ND	0.78	0.53	ug/kg	
72-54-8	4,4'-DDD	ND	0.78	0.71	ug/kg	
72-55-9	4,4'-DDE	ND	0.78	0.68	ug/kg	
50-29-3	4,4'-DDT	ND	0.78	0.69	ug/kg	
72-20-8	Endrin	ND	0.78	0.60	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.78	0.61	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.78	0.44	ug/kg	
959-98-8	Endosulfan-I	ND	0.78	0.45	ug/kg	
33213-65-9	Endosulfan-II	ND	0.78	0.49	ug/kg	
76-44-8	Heptachlor	ND	0.78	0.67	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.78	0.55	ug/kg	
72-43-5	Methoxychlor	ND	1.6	0.62	ug/kg	
53494-70-5	Endrin ketone	ND	0.78	0.56	ug/kg	
8001-35-2	Toxaphene	ND	19	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	60%		13-162%
877-09-8	Tetrachloro-m-xylene	84%		13-162%
2051-24-3	Decachlorobiphenyl	50%		10-180%
2051-24-3	Decachlorobiphenyl	88%		10-180%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB017 13-15		
Lab Sample ID:	JE14670-14	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	81.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G149794.D	1	07/10/25 08:37	AS	07/09/25 11:30	OP65168	G3G5499
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	39	18	ug/kg	
11104-28-2	Aroclor 1221	ND	39	24	ug/kg	
11141-16-5	Aroclor 1232	ND	39	25	ug/kg	
53469-21-9	Aroclor 1242	ND	39	16	ug/kg	
12672-29-6	Aroclor 1248	ND	39	35	ug/kg	
11097-69-1	Aroclor 1254	ND	39	21	ug/kg	
11096-82-5	Aroclor 1260	ND	39	17	ug/kg	
11100-14-4	Aroclor 1268	ND	39	35	ug/kg	
37324-23-5	Aroclor 1262	ND	39	26	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	56%		10-174%
877-09-8	Tetrachloro-m-xylene	59%		10-174%
2051-24-3	Decachlorobiphenyl	55%		10-195%
2051-24-3	Decachlorobiphenyl	60%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB017 13-15
Lab Sample ID: JE14670-14
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 81.9

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	3720	60	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Antimony	4.9	2.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	11.2	2.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Barium	32.6	24	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	0.26	0.24	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	< 0.60	0.60	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Calcium	15200	600	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Chromium	15.6	1.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	< 6.0	6.0	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Copper	46.5	3.0	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Iron	16000	60	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Lead	247	2.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	9390	600	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Manganese	93.1	1.8	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Mercury	0.44	0.034	mg/kg	1	07/08/25	07/08/25	CM	SW846 7471B [1]	SW846 7471B [3]
Nickel	13.5	4.8	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 1200	1200	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Selenium	< 2.4	2.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Silver	< 0.60	0.60	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 1200	1200	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Thallium	< 1.2	1.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	14.2	6.0	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Zinc	172	6.0	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA58906
(2) Instrument QC Batch: MA58936
(3) Prep QC Batch: MP55680
(4) Prep QC Batch: MP55735

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB017 13-15		
Lab Sample ID:	JE14670-14	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	81.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	0.87	0.48	mg/kg	1	07/14/25 13:03	RI	SW846 3060A/7196A
Cyanide	< 0.29	0.29	mg/kg	1	07/09/25 19:21	SS	SW846 9012B/LACHAT
Solids, Percent	81.9		%	1	07/08/25 11:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB017 13-15
Lab Sample ID: JE14670-14A
Matrix: SO - Soil
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 81.9

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1325.D	1	07/18/25 00:56	AA	07/17/25 17:00	OP65480	T6Q136
Run #2							

	Initial Weight	Final Volume
Run #1	5.07 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.96	0.13	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.48	0.084	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.24	0.036	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.24	0.060	ug/kg	
335-67-1	Perfluorooctanoic acid	0.11	0.24	0.096	ug/kg	J
375-95-1	Perfluorononanoic acid	ND	0.24	0.060	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.24	0.084	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.24	0.072	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.24	0.096	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.24	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.24	0.12	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.24	0.084	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.24	0.12	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.24	0.13	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.24	0.12	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	2.0	0.24	0.060	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.24	0.17	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.24	0.13	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.24	0.060	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.96	0.34	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.96	0.12	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.96	0.23	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.24	0.084	ug/kg	
31506-32-8	MeFOSA	ND	0.24	0.072	ug/kg	
4151-50-2	EtFOSA	ND	0.24	0.060	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB017 13-15		
Lab Sample ID:	JE14670-14A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	81.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.24	0.096	ug/kg	
2991-50-6	EtFOSAA	ND	0.24	0.16	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.4	0.34	ug/kg	
1691-99-2	EtFOSE	ND	2.4	0.88	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.96	0.22	ug/kg	
919005-14-4	ADONA	ND	0.96	0.14	ug/kg	
377-73-1	PFMPA	ND	0.48	0.036	ug/kg	
863090-89-5	PFMBA	ND	0.48	0.072	ug/kg	
151772-58-6	NFDHA	ND	0.48	0.16	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.96	0.31	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.96	0.22	ug/kg	
113507-82-7	PFEESA	ND	0.48	0.036	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.29	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.0	0.75	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.0	0.76	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	78%		8-130%
	13C5-PFPeA	76%		35-130%
	13C5-PFHxA	78%		40-130%
	13C4-PFHpA	72%		40-130%
	13C8-PFOA	76%		40-130%
	13C9-PFNA	74%		40-130%
	13C6-PFDA	74%		40-130%
	13C7-PFUnDA	77%		40-130%
	13C2-PFDoDA	69%		40-130%
	13C2-PFTeDA	69%		20-130%
	13C3-PFBS	79%		40-135%
	13C3-PFHxS	75%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB017 13-15		
Lab Sample ID:	JE14670-14A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	81.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	79%		40-130%
	13C8-FOSA	77%		40-130%
	d3-MeFOSA	25%		10-130%
	d5-EtFOSA	23%		10-130%
	d3-MeFOSAA	69%		40-135%
	d5-EtFOSAA	72%		40-150%
	d7-MeFOSE	50%		20-130%
	d9-EtFOSE	41%		15-130%
	13C2-4:2FTS	87%		40-165%
	13C2-6:2FTS	207%		40-215%
	13C2-8:2FTS	140%		40-275%
	13C3-HFPO-DA	75%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE14670-16	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	90.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216199.D	1	07/14/25 15:50	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	5.8 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	66.7	9.5	3.9	ug/kg	
71-43-2	Benzene	ND	0.48	0.43	ug/kg	
74-97-5	Bromochloromethane	ND	4.8	0.53	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.41	ug/kg	
75-25-2	Bromoform	ND	4.8	1.3	ug/kg	
74-83-9	Bromomethane	ND	4.8	0.73	ug/kg	
78-93-3	2-Butanone (MEK)	10.6	9.5	2.3	ug/kg	
75-15-0	Carbon disulfide	0.87	1.9	0.51	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.9	0.59	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.44	ug/kg	
75-00-3	Chloroethane	ND	4.8	0.56	ug/kg	
67-66-3	Chloroform	ND	1.9	0.95	ug/kg	
74-87-3	Chloromethane [a]	ND	4.8	1.9	ug/kg	
110-82-7	Cyclohexane	ND	1.9	0.63	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.66	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.53	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.95	0.40	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.95	0.52	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.95	0.47	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.95	0.47	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.8	0.69	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.95	0.47	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.95	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.95	0.62	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.95	0.80	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.95	0.58	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.45	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.45	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.44	ug/kg	
100-41-4	Ethylbenzene	ND	0.95	0.43	ug/kg	
76-13-1	Freon 113	ND	4.8	2.5	ug/kg	
591-78-6	2-Hexanone	ND	4.8	2.0	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE14670-16	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	90.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.9	1.4	ug/kg	
79-20-9	Methyl Acetate [b]	ND	4.8	1.3	ug/kg	
108-87-2	Methylcyclohexane	ND	1.9	0.83	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.95	0.45	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.8	2.2	ug/kg	
75-09-2	Methylene chloride	ND	4.8	2.5	ug/kg	
100-42-5	Styrene	ND	1.9	0.38	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.57	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.55	ug/kg	
108-88-3	Toluene	ND	0.95	0.50	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.8	2.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	2.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.46	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.53	ug/kg	
79-01-6	Trichloroethene	ND	0.95	0.73	ug/kg	
75-69-4	Trichlorofluoromethane [b]	ND	4.8	0.65	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.46	ug/kg	
	m,p-Xylene	ND	0.95	0.85	ug/kg	
95-47-6	o-Xylene	ND	0.95	0.44	ug/kg	
1330-20-7	Xylene (total)	ND	0.95	0.44	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-124%
17060-07-0	1,2-Dichloroethane-D4	98%		75-133%
2037-26-5	Toluene-D8	95%		79-125%
460-00-4	4-Bromofluorobenzene	95%		58-148%

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DUP001
Lab Sample ID: JE14670-16
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 90.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12740.D	1	07/12/25 18:17	KLS	07/08/25 17:00	OP65176	ECT571
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	73	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	31	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	65	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	180	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	180	39	ug/kg	
95-48-7	2-Methylphenol	ND	73	23	ug/kg	
	3&4-Methylphenol	68.1	73	30	ug/kg	J
88-75-5	2-Nitrophenol [a]	ND	180	24	ug/kg	
100-02-7	4-Nitrophenol	ND	370	97	ug/kg	
87-86-5	Pentachlorophenol [a]	ND	150	34	ug/kg	
108-95-2	Phenol	ND	73	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	24	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	27	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	22	ug/kg	
83-32-9	Acenaphthene	ND	37	13	ug/kg	
208-96-8	Acenaphthylene	30.8	37	19	ug/kg	J
98-86-2	Acetophenone	ND	180	7.8	ug/kg	
120-12-7	Anthracene	27.3	37	22	ug/kg	J
1912-24-9	Atrazine	ND	73	16	ug/kg	
56-55-3	Benzo(a)anthracene	92.5	37	10	ug/kg	
50-32-8	Benzo(a)pyrene	80.7	37	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	99.4	37	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	77.7	37	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	29.1	37	17	ug/kg	J
101-55-3	4-Bromophenyl phenyl ether	ND	73	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	73	8.9	ug/kg	
92-52-4	1,1'-Biphenyl	ND	73	5.0	ug/kg	
100-52-7	Benzaldehyde	ND	180	9.1	ug/kg	
91-58-7	2-Chloronaphthalene	ND	73	8.7	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	ND	73	5.3	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE14670-16	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	90.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	73	14	ug/kg	
218-01-9	Chrysene	132	37	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	73	7.8	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	73	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	73	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	73	12	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	37	11	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	37	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	73	30	ug/kg	
123-91-1	1,4-Dioxane	ND	37	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	21.5	37	16	ug/kg	J
132-64-9	Dibenzofuran	ND	73	15	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	73	6.0	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	73	9.1	ug/kg	
84-66-2	Diethyl phthalate	ND	73	7.8	ug/kg	
131-11-3	Dimethyl phthalate	ND	73	6.5	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	73	8.5	ug/kg	
206-44-0	Fluoranthene	111	37	16	ug/kg	
86-73-7	Fluorene	ND	37	17	ug/kg	
118-74-1	Hexachlorobenzene [a]	ND	73	9.2	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	37	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	370	15	ug/kg	
67-72-1	Hexachloroethane [a]	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	54.7	37	17	ug/kg	
78-59-1	Isophorone	ND	73	7.8	ug/kg	
91-57-6	2-Methylnaphthalene	29.3	37	8.3	ug/kg	J
88-74-4	2-Nitroaniline	ND	180	8.6	ug/kg	
99-09-2	3-Nitroaniline	ND	180	9.1	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.5	ug/kg	
91-20-3	Naphthalene	35.7	37	10	ug/kg	J
98-95-3	Nitrobenzene	ND	73	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	73	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	49.4	37	12	ug/kg	
129-00-0	Pyrene	210	37	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	34%		10-99%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE14670-16	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	90.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	32%		10-96%
118-79-6	2,4,6-Tribromophenol	48%		10-123%
4165-60-0	Nitrobenzene-d5	34%		10-109%
321-60-8	2-Fluorobiphenyl	40%		11-109%
1718-51-0	Terphenyl-d14	39%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.

Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE14670-16	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8081B SW846 3546	**Percent Solids:**	90.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RK30036.D	5	07/22/25 10:17	CP	07/21/25 10:00	OP65540	GRK900
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	3.6	3.0	ug/kg	
319-84-6	alpha-BHC	ND	3.6	3.0	ug/kg	
319-85-7	beta-BHC	ND	3.6	3.3	ug/kg	
319-86-8	delta-BHC	ND	3.6	3.5	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	3.6	2.7	ug/kg	
5103-71-9	alpha-Chlordane	ND	3.6	2.9	ug/kg	
5103-74-2	gamma-Chlordane	ND	3.6	1.6	ug/kg	
60-57-1	Dieldrin	ND	3.6	2.5	ug/kg	
72-54-8	4,4'-DDD	ND	3.6	3.3	ug/kg	
72-55-9	4,4'-DDE	ND	3.6	3.2	ug/kg	
50-29-3	4,4'-DDT	ND	3.6	3.2	ug/kg	
72-20-8	Endrin	ND	3.6	2.8	ug/kg	
1031-07-8	Endosulfan sulfate	ND	3.6	2.8	ug/kg	
7421-93-4	Endrin aldehyde	ND	3.6	2.1	ug/kg	
959-98-8	Endosulfan-I	ND	3.6	2.1	ug/kg	
33213-65-9	Endosulfan-II	ND	3.6	2.3	ug/kg	
76-44-8	Heptachlor	ND	3.6	3.1	ug/kg	
1024-57-3	Heptachlor epoxide	ND	3.6	2.6	ug/kg	
72-43-5	Methoxychlor	ND	7.3	2.9	ug/kg	
53494-70-5	Endrin ketone	ND	3.6	2.6	ug/kg	
8001-35-2	Toxaphene	ND	91	85	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	44%		13-162%
877-09-8	Tetrachloro-m-xylene	67%		13-162%
2051-24-3	Decachlorobiphenyl	38%		10-180%
2051-24-3	Decachlorobiphenyl	61%		10-180%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE14670-16	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	90.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G149796.D	1	07/10/25 09:10	AS	07/09/25 11:30	OP65168	G3G5499
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	36	17	ug/kg	
11104-28-2	Aroclor 1221	ND	36	22	ug/kg	
11141-16-5	Aroclor 1232	ND	36	23	ug/kg	
53469-21-9	Aroclor 1242	ND	36	15	ug/kg	
12672-29-6	Aroclor 1248	ND	36	32	ug/kg	
11097-69-1	Aroclor 1254	ND	36	19	ug/kg	
11096-82-5	Aroclor 1260	ND	36	15	ug/kg	
11100-14-4	Aroclor 1268	ND	36	31	ug/kg	
37324-23-5	Aroclor 1262	ND	36	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	72%		10-174%
877-09-8	Tetrachloro-m-xylene	73%		10-174%
2051-24-3	Decachlorobiphenyl	76%		10-195%
2051-24-3	Decachlorobiphenyl	83%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: DUP001
Lab Sample ID: JE14670-16
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 90.4

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	11900	54	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Antimony	< 2.1	2.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	3.1	2.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Barium	41.2	21	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	< 0.21	0.21	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	< 0.54	0.54	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Calcium	30300	2700	mg/kg	5	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Chromium	13.6	1.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	7.7	5.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Copper	68.6	2.7	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Iron	15600	54	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Lead	52.5	2.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	15200	540	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Manganese	221	1.6	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Mercury	0.11	0.032	mg/kg	1	07/08/25	07/08/25	CM	SW846 7471B [1]	SW846 7471B [3]
Nickel	16.0	4.3	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 1100	1100	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Selenium	< 2.1	2.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Silver	< 0.54	0.54	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Sodium	1360	1100	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Thallium	< 1.1	1.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	50.5	5.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Zinc	101	5.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA58906
(2) Instrument QC Batch: MA58936
(3) Prep QC Batch: MP55681
(4) Prep QC Batch: MP55735

RL = Reporting Limit

Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE14670-16	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	90.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.44	0.44	mg/kg	1	07/14/25 13:03	RI	SW846 3060A/7196A
Cyanide	< 0.32	0.32	mg/kg	1	07/09/25 19:23	SS	SW846 9012B/LACHAT
Solids, Percent	90.4		%	1	07/08/25 11:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID: DUP001
Lab Sample ID: JE14670-16A
Matrix: SO - Soil
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 90.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1326.D	1	07/18/25 01:09	AA	07/17/25 17:00	OP65480	T6Q136
Run #2							

	Initial Weight	Final Volume
Run #1	5.09 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.87	0.12	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.43	0.076	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.033	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.054	ug/kg	
335-67-1	Perfluorooctanoic acid	0.22	0.22	0.087	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.054	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.076	ug/kg	
2058-94-8	Perfluoroundecanoic acid	0.13	0.22	0.065	ug/kg	J
307-55-1	Perfluorododecanoic acid	ND	0.22	0.087	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.098	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.076	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.11	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.22	0.12	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.11	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	0.96	0.22	0.054	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.15	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.12	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.054	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.87	0.30	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.87	0.11	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.87	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.22	0.076	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.065	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.054	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE14670-16A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	90.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.22	0.087	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.14	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.2	0.30	ug/kg	
1691-99-2	EtFOSE	ND	2.2	0.79	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.87	0.20	ug/kg	
919005-14-4	ADONA	ND	0.87	0.13	ug/kg	
377-73-1	PFMPA	ND	0.43	0.033	ug/kg	
863090-89-5	PFMBA	ND	0.43	0.065	ug/kg	
151772-58-6	NFDHA	ND	0.43	0.14	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.87	0.28	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.87	0.20	ug/kg	
113507-82-7	PFEESA	ND	0.43	0.033	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.26	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.4	0.67	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.4	0.68	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	77%		8-130%
	13C5-PFPeA	76%		35-130%
	13C5-PFHxA	76%		40-130%
	13C4-PFHpA	75%		40-130%
	13C8-PFOA	74%		40-130%
	13C9-PFNA	77%		40-130%
	13C6-PFDA	78%		40-130%
	13C7-PFUnDA	82%		40-130%
	13C2-PFDoDA	78%		40-130%
	13C2-PFTeDA	87%		20-130%
	13C3-PFBS	74%		40-135%
	13C3-PFHxS	81%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE14670-16A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	90.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	76%		40-130%
	13C8-FOSA	83%		40-130%
	d3-MeFOSA	64%		10-130%
	d5-EtFOSA	63%		10-130%
	d3-MeFOSAA	73%		40-135%
	d5-EtFOSAA	76%		40-150%
	d7-MeFOSE	83%		20-130%
	d9-EtFOSE	75%		15-130%
	13C2-4:2FTS	72%		40-165%
	13C2-6:2FTS	91%		40-215%
	13C2-8:2FTS	166%		40-275%
	13C3-HFPO-DA	77%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 (4'-10')		
Lab Sample ID:	JE14670-17	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	84.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216194.D	1	07/14/25 14:00	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	5.3 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	13.0	11	4.6	ug/kg	
71-43-2	Benzene	ND	0.56	0.51	ug/kg	
74-97-5	Bromochloromethane	ND	5.6	0.63	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.48	ug/kg	
75-25-2	Bromoform	ND	5.6	1.5	ug/kg	
74-83-9	Bromomethane	ND	5.6	0.85	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.7	ug/kg	
75-15-0	Carbon disulfide	ND	2.2	0.60	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.69	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.51	ug/kg	
75-00-3	Chloroethane	ND	5.6	0.66	ug/kg	
67-66-3	Chloroform	ND	2.2	1.1	ug/kg	
74-87-3	Chloromethane [a]	ND	5.6	2.2	ug/kg	
110-82-7	Cyclohexane	2.6	2.2	0.73	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.78	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.63	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.47	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.61	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.55	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.55	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.6	0.81	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.55	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.53	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.73	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.94	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.68	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.53	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.53	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.51	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.51	ug/kg	
76-13-1	Freon 113	ND	5.6	3.0	ug/kg	
591-78-6	2-Hexanone	ND	5.6	2.4	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 (4'-10')		
Lab Sample ID:	JE14670-17	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	84.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.2	1.6	ug/kg	
79-20-9	Methyl Acetate [b]	ND	5.6	1.6	ug/kg	
108-87-2	Methylcyclohexane	1.7	2.2	0.98	ug/kg	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.52	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.6	2.5	ug/kg	
75-09-2	Methylene chloride	ND	5.6	2.9	ug/kg	
100-42-5	Styrene	ND	2.2	0.45	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.67	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.65	ug/kg	
108-88-3	Toluene	ND	1.1	0.59	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.6	2.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	2.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.54	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.62	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.85	ug/kg	
75-69-4	Trichlorofluoromethane [b]	ND	5.6	0.76	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.54	ug/kg	
	m,p-Xylene	ND	1.1	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.51	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.51	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		80-124%
17060-07-0	1,2-Dichloroethane-D4	91%		75-133%
2037-26-5	Toluene-D8	97%		79-125%
460-00-4	4-Bromofluorobenzene	102%		58-148%

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB018 (4'-10')
Lab Sample ID: JE14670-17
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 84.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12753.D	1	07/12/25 22:12	KLS	07/08/25 17:00	OP65176	ECT571
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	78	19	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	24	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	33	ug/kg	
105-67-9	2,4-Dimethylphenol	128	200	70	ug/kg	J
51-28-5	2,4-Dinitrophenol [a]	ND	200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	200	42	ug/kg	
95-48-7	2-Methylphenol	ND	78	25	ug/kg	
	3&4-Methylphenol	ND	78	32	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	200	26	ug/kg	
100-02-7	4-Nitrophenol	ND	390	100	ug/kg	
87-86-5	Pentachlorophenol [a]	ND	160	37	ug/kg	
108-95-2	Phenol	ND	78	20	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	26	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	29	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	23	ug/kg	
83-32-9	Acenaphthene	55.4	39	14	ug/kg	
208-96-8	Acenaphthylene	228	39	20	ug/kg	
98-86-2	Acetophenone	ND	200	8.4	ug/kg	
120-12-7	Anthracene	68.4	39	24	ug/kg	
1912-24-9	Atrazine	ND	78	17	ug/kg	
56-55-3	Benzo(a)anthracene	173	39	11	ug/kg	
50-32-8	Benzo(a)pyrene	89.4	39	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	195	39	17	ug/kg	
191-24-2	Benzo(g,h,i)perylene	64.3	39	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	51.5	39	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	78	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	78	9.6	ug/kg	
92-52-4	1,1'-Biphenyl	147	78	5.4	ug/kg	
100-52-7	Benzaldehyde	ND	200	9.7	ug/kg	
91-58-7	2-Chloronaphthalene	ND	78	9.3	ug/kg	
106-47-8	4-Chloroaniline	ND	200	14	ug/kg	
86-74-8	Carbazole	10.8	78	5.7	ug/kg	J

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 (4'-10')		
Lab Sample ID:	JE14670-17	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	84.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	78	15	ug/kg	
218-01-9	Chrysene	244	39	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	78	8.4	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	78	17	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	78	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	78	13	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	39	12	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	39	20	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	78	33	ug/kg	
123-91-1	1,4-Dioxane	ND	39	26	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	26.5	39	17	ug/kg	J
132-64-9	Dibenzofuran	54.0	78	16	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	78	6.4	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	78	9.8	ug/kg	
84-66-2	Diethyl phthalate	ND	78	8.4	ug/kg	
131-11-3	Dimethyl phthalate	ND	78	7.0	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	78	9.2	ug/kg	
206-44-0	Fluoranthene	287	39	17	ug/kg	
86-73-7	Fluorene	109	39	18	ug/kg	
118-74-1	Hexachlorobenzene [a]	ND	78	9.9	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	39	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	390	16	ug/kg	
67-72-1	Hexachloroethane [a]	ND	200	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	51.4	39	18	ug/kg	
78-59-1	Isophorone	ND	78	8.4	ug/kg	
91-57-6	2-Methylnaphthalene	229	39	8.9	ug/kg	
88-74-4	2-Nitroaniline	ND	200	9.3	ug/kg	
99-09-2	3-Nitroaniline	ND	200	9.8	ug/kg	
100-01-6	4-Nitroaniline	ND	200	10	ug/kg	
91-20-3	Naphthalene	152	39	11	ug/kg	
98-95-3	Nitrobenzene	ND	78	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	78	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	14	ug/kg	
85-01-8	Phenanthrene	135	39	13	ug/kg	
129-00-0	Pyrene	307	39	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		10-99%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 (4'-10')		
Lab Sample ID:	JE14670-17	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	84.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	34%		10-96%
118-79-6	2,4,6-Tribromophenol	46%		10-123%
4165-60-0	Nitrobenzene-d5	35%		10-109%
321-60-8	2-Fluorobiphenyl	44%		11-109%
1718-51-0	Terphenyl-d14	40%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB018 (4'-10')
Lab Sample ID: JE14670-17
Matrix: SO - Soil
Method: SW846 8081B SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 84.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RK30032.D	1	07/22/25 09:06	CP	07/21/25 10:00	OP65540	GRK900
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.78	0.65	ug/kg	
319-84-6	alpha-BHC	ND	0.78	0.64	ug/kg	
319-85-7	beta-BHC	ND	0.78	0.71	ug/kg	
319-86-8	delta-BHC	ND	0.78	0.75	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.78	0.58	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.78	0.63	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.78	0.36	ug/kg	
60-57-1	Dieldrin [a]	1.2	0.78	0.54	ug/kg	
72-54-8	4,4'-DDD	ND	0.78	0.72	ug/kg	
72-55-9	4,4'-DDE	ND	0.78	0.69	ug/kg	
50-29-3	4,4'-DDT [a]	2.3	0.78	0.70	ug/kg	
72-20-8	Endrin	ND	0.78	0.61	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.78	0.61	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.78	0.44	ug/kg	
959-98-8	Endosulfan-I	ND	0.78	0.45	ug/kg	
33213-65-9	Endosulfan-II	ND	0.78	0.49	ug/kg	
76-44-8	Heptachlor	ND	0.78	0.68	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.78	0.55	ug/kg	
72-43-5	Methoxychlor	ND	1.6	0.62	ug/kg	
53494-70-5	Endrin ketone	ND	0.78	0.57	ug/kg	
8001-35-2	Toxaphene	ND	20	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	72%		13-162%
877-09-8	Tetrachloro-m-xylene	82%		13-162%
2051-24-3	Decachlorobiphenyl	80%		10-180%
2051-24-3	Decachlorobiphenyl	74%		10-180%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 (4'-10')		
Lab Sample ID:	JE14670-17	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	84.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G149797.D	1	07/10/25 09:26	AS	07/09/25 11:30	OP65168	G3G5499
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	38	18	ug/kg	
11104-28-2	Aroclor 1221	ND	38	24	ug/kg	
11141-16-5	Aroclor 1232	ND	38	25	ug/kg	
53469-21-9	Aroclor 1242	ND	38	16	ug/kg	
12672-29-6	Aroclor 1248	ND	38	34	ug/kg	
11097-69-1	Aroclor 1254	ND	38	21	ug/kg	
11096-82-5	Aroclor 1260 [a]	46.4	38	16	ug/kg	
11100-14-4	Aroclor 1268	ND	38	34	ug/kg	
37324-23-5	Aroclor 1262	ND	38	25	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	50%		10-174%
877-09-8	Tetrachloro-m-xylene	48%		10-174%
2051-24-3	Decachlorobiphenyl	62%		10-195%
2051-24-3	Decachlorobiphenyl	65%		10-195%

(a) Reported from the 1st signal. The %D of the CCV on the 2nd signal exceeds the method criteria of 20%, so it being used for confirmation only.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB018 (4'-10')
Lab Sample ID: JE14670-17
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 84.4

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2520	59	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Antimony	< 2.3	2.3	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	3.5	2.3	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Barium	40.6	23	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	< 0.23	0.23	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	< 0.59	0.59	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Calcium	927	590	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Chromium	5.2	1.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	< 5.9	5.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Copper	38.2	2.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Iron	6010	59	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Lead	48.6	2.3	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	720	590	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Manganese	45.3	1.8	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Mercury	0.32	0.033	mg/kg	1	07/08/25	07/08/25	CM	SW846 7471B [1]	SW846 7471B [3]
Nickel	11.9	4.7	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 1200	1200	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Selenium	< 2.3	2.3	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Silver	< 0.59	0.59	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 1200	1200	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Thallium	< 1.2	1.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	8.6	5.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Zinc	45.8	5.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA58906
(2) Instrument QC Batch: MA58936
(3) Prep QC Batch: MP55681
(4) Prep QC Batch: MP55735

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB018 (4'-10')		
Lab Sample ID:	JE14670-17	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	84.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.48	0.48	mg/kg	1	07/14/25 12:56	RI	SW846 3060A/7196A
Cyanide	< 0.27	0.27	mg/kg	1	07/09/25 19:24	SS	SW846 9012B/LACHAT
Solids, Percent	84.4		%	1	07/08/25 11:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB018 (4'-10')
Lab Sample ID: JE14670-17A
Matrix: SO - Soil
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 84.4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1401.D	1	07/21/25 14:30	AA	07/17/25 17:00	OP65483	T6Q138
Run #2							

	Initial Weight	Final Volume
Run #1	5.12 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.93	0.13	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.46	0.081	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.23	0.035	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.23	0.058	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.23	0.093	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.23	0.058	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.23	0.081	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.23	0.069	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.23	0.093	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.23	0.10	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.23	0.12	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.23	0.081	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.23	0.12	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	0.13	0.23	0.13	ug/kg	J
375-92-8	Perfluoroheptanesulfonic acid	ND	0.23	0.12	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	20.2	0.23	0.058	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.23	0.16	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.23	0.13	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.23	0.058	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.93	0.32	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.93	0.12	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.93	0.22	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	0.16	0.23	0.081	ug/kg	J
31506-32-8	MeFOSA	ND	0.23	0.069	ug/kg	
4151-50-2	EtFOSA	ND	0.23	0.058	ug/kg	

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 (4'-10')		
Lab Sample ID:	JE14670-17A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	84.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.23	0.093	ug/kg	
2991-50-6	EtFOSAA	0.32	0.23	0.15	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.3	0.32	ug/kg	
1691-99-2	EtFOSE	ND	2.3	0.84	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.93	0.21	ug/kg	
919005-14-4	ADONA	ND	0.93	0.14	ug/kg	
377-73-1	PFMPA	ND	0.46	0.035	ug/kg	
863090-89-5	PFMBA	ND	0.46	0.069	ug/kg	
151772-58-6	NFDHA	ND	0.46	0.15	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.93	0.30	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.93	0.21	ug/kg	
113507-82-7	PFEESA	ND	0.46	0.035	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.28	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.8	0.72	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.8	0.73	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	75%		8-130%
	13C5-PFPeA	71%		35-130%
	13C5-PFHxA	72%		40-130%
	13C4-PFHpA	69%		40-130%
	13C8-PFOA	74%		40-130%
	13C9-PFNA	74%		40-130%
	13C6-PFDA	71%		40-130%
	13C7-PFUnDA	79%		40-130%
	13C2-PFDoDA	78%		40-130%
	13C2-PFTeDA	88%		20-130%
	13C3-PFBS	73%		40-135%
	13C3-PFHxS	74%		40-130%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 (4'-10')		
Lab Sample ID:	JE14670-17A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	84.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	74%		40-130%
	13C8-FOSA	95%		40-130%
	d3-MeFOSA	72%		10-130%
	d5-EtFOSA	64%		10-130%
	d3-MeFOSAA	76%		40-135%
	d5-EtFOSAA	82%		40-150%
	d7-MeFOSE	101%		20-130%
	d9-EtFOSE	73%		15-130%
	13C2-4:2FTS	102%		40-165%
	13C2-6:2FTS	113%		40-215%
	13C2-8:2FTS	177%		40-275%
	13C3-HFPO-DA	72%		40-130%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 13-15		
Lab Sample ID:	JE14670-18	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	79.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216200.D	1	07/14/25 16:11	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	6.5 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	35.2	9.7	4.0	ug/kg	
71-43-2	Benzene	ND	0.48	0.44	ug/kg	
74-97-5	Bromochloromethane	ND	4.8	0.54	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.41	ug/kg	
75-25-2	Bromoform	ND	4.8	1.3	ug/kg	
74-83-9	Bromomethane	ND	4.8	0.74	ug/kg	
78-93-3	2-Butanone (MEK)	5.3	9.7	2.3	ug/kg	J
75-15-0	Carbon disulfide	ND	1.9	0.52	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.9	0.60	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.44	ug/kg	
75-00-3	Chloroethane	ND	4.8	0.57	ug/kg	
67-66-3	Chloroform	ND	1.9	0.97	ug/kg	
74-87-3	Chloromethane [a]	ND	4.8	1.9	ug/kg	
110-82-7	Cyclohexane	5.4	1.9	0.63	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.67	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.54	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.97	0.41	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.97	0.53	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.97	0.48	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.97	0.48	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.8	0.70	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.97	0.48	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.97	0.45	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.97	0.63	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.97	0.81	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.97	0.59	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.46	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.46	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.44	ug/kg	
100-41-4	Ethylbenzene	ND	0.97	0.44	ug/kg	
76-13-1	Freon 113	ND	4.8	2.6	ug/kg	
591-78-6	2-Hexanone	ND	4.8	2.0	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 13-15		
Lab Sample ID:	JE14670-18	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	79.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.9	1.4	ug/kg	
79-20-9	Methyl Acetate [b]	ND	4.8	1.3	ug/kg	
108-87-2	Methylcyclohexane	6.9	1.9	0.85	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.97	0.45	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.8	2.2	ug/kg	
75-09-2	Methylene chloride	ND	4.8	2.5	ug/kg	
100-42-5	Styrene	ND	1.9	0.39	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.58	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.56	ug/kg	
108-88-3	Toluene	ND	0.97	0.51	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.8	2.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	2.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.47	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.54	ug/kg	
79-01-6	Trichloroethene	ND	0.97	0.74	ug/kg	
75-69-4	Trichlorofluoromethane [b]	ND	4.8	0.66	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.46	ug/kg	
	m,p-Xylene	ND	0.97	0.87	ug/kg	
95-47-6	o-Xylene	ND	0.97	0.44	ug/kg	
1330-20-7	Xylene (total)	ND	0.97	0.44	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		80-124%
17060-07-0	1,2-Dichloroethane-D4	97%		75-133%
2037-26-5	Toluene-D8	95%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
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E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB018 13-15
Lab Sample ID: JE14670-18
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 79.6

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M203754.D	1	07/15/25 17:12	AO	07/13/25 13:20	OP65176	EM8823
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	83	21	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	26	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	36	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	74	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	210	160	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	210	45	ug/kg	
95-48-7	2-Methylphenol	ND	83	27	ug/kg	
	3&4-Methylphenol	ND	83	34	ug/kg	
88-75-5	2-Nitrophenol	ND	210	28	ug/kg	
100-02-7	4-Nitrophenol	ND	420	110	ug/kg	
87-86-5	Pentachlorophenol	ND	170	39	ug/kg	
108-95-2	Phenol	ND	83	22	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	28	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	31	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	25	ug/kg	
83-32-9	Acenaphthene	23.3	42	14	ug/kg	J
208-96-8	Acenaphthylene	25.0	42	21	ug/kg	J
98-86-2	Acetophenone	ND	210	9.0	ug/kg	
120-12-7	Anthracene	47.1	42	26	ug/kg	
1912-24-9	Atrazine	ND	83	18	ug/kg	
56-55-3	Benzo(a)anthracene	110	42	12	ug/kg	
50-32-8	Benzo(a)pyrene	118	42	19	ug/kg	
205-99-2	Benzo(b)fluoranthene	132	42	18	ug/kg	
191-24-2	Benzo(g,h,i)perylene	64.6	42	21	ug/kg	
207-08-9	Benzo(k)fluoranthene	37.9	42	19	ug/kg	J
101-55-3	4-Bromophenyl phenyl ether	ND	83	16	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	83	10	ug/kg	
92-52-4	1,1'-Biphenyl	ND	83	5.7	ug/kg	
100-52-7	Benzaldehyde	ND	210	10	ug/kg	
91-58-7	2-Chloronaphthalene	ND	83	9.9	ug/kg	
106-47-8	4-Chloroaniline	ND	210	15	ug/kg	
86-74-8	Carbazole	18.9	83	6.1	ug/kg	J

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 13-15		
Lab Sample ID:	JE14670-18	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	79.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	83	16	ug/kg	
218-01-9	Chrysene	122	42	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	83	8.9	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	83	18	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	83	15	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	83	14	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	42	13	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	42	21	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	83	35	ug/kg	
123-91-1	1,4-Dioxane	ND	42	28	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	42	18	ug/kg	
132-64-9	Dibenzofuran	ND	83	17	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	83	6.8	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	83	10	ug/kg	
84-66-2	Diethyl phthalate	ND	83	8.9	ug/kg	
131-11-3	Dimethyl phthalate	ND	83	7.4	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	83	9.8	ug/kg	
206-44-0	Fluoranthene	281	42	19	ug/kg	
86-73-7	Fluorene	20.5	42	19	ug/kg	J
118-74-1	Hexachlorobenzene	ND	83	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	42	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	420	17	ug/kg	
67-72-1	Hexachloroethane	ND	210	21	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	57.3	42	20	ug/kg	
78-59-1	Isophorone	ND	83	8.9	ug/kg	
91-57-6	2-Methylnaphthalene	ND	42	9.4	ug/kg	
88-74-4	2-Nitroaniline	ND	210	9.8	ug/kg	
99-09-2	3-Nitroaniline	ND	210	10	ug/kg	
100-01-6	4-Nitroaniline	ND	210	11	ug/kg	
91-20-3	Naphthalene	22.2	42	12	ug/kg	J
98-95-3	Nitrobenzene	ND	83	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	83	12	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	15	ug/kg	
85-01-8	Phenanthrene	193	42	14	ug/kg	
129-00-0	Pyrene	228	42	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 13-15		
Lab Sample ID:	JE14670-18	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	79.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	36%		10-96%
118-79-6	2,4,6-Tribromophenol	37%		10-123%
4165-60-0	Nitrobenzene-d5	35%		10-109%
321-60-8	2-Fluorobiphenyl	39%		11-109%
1718-51-0	Terphenyl-d14	38%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 13-15		
Lab Sample ID:	JE14670-18	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8081B SW846 3546	**Percent Solids:**	79.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RK30033.D	1	07/22/25 09:24	CP	07/21/25 10:00	OP65540	GRK900
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.84	0.69	ug/kg	
319-84-6	alpha-BHC	ND	0.84	0.68	ug/kg	
319-85-7	beta-BHC	ND	0.84	0.76	ug/kg	
319-86-8	delta-BHC	ND	0.84	0.80	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.84	0.62	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.84	0.68	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.84	0.38	ug/kg	
60-57-1	Dieldrin	ND	0.84	0.58	ug/kg	
72-54-8	4,4'-DDD	ND	0.84	0.77	ug/kg	
72-55-9	4,4'-DDE	ND	0.84	0.73	ug/kg	
50-29-3	4,4'-DDT	ND	0.84	0.74	ug/kg	
72-20-8	Endrin	ND	0.84	0.65	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.84	0.65	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.84	0.47	ug/kg	
959-98-8	Endosulfan-I	ND	0.84	0.48	ug/kg	
33213-65-9	Endosulfan-II	ND	0.84	0.52	ug/kg	
76-44-8	Heptachlor	ND	0.84	0.72	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.84	0.59	ug/kg	
72-43-5	Methoxychlor	ND	1.7	0.67	ug/kg	
53494-70-5	Endrin ketone	ND	0.84	0.61	ug/kg	
8001-35-2	Toxaphene	ND	21	20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	55%		13-162%
877-09-8	Tetrachloro-m-xylene	86%		13-162%
2051-24-3	Decachlorobiphenyl	51%		10-180%
2051-24-3	Decachlorobiphenyl	80%		10-180%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB018 13-15
Lab Sample ID: JE14670-18
Matrix: SO - Soil
Method: SW846 8082A SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 79.6

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G149798.D	1	07/10/25 09:43	AS	07/09/25 11:30	OP65168	G3G5499
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	41	19	ug/kg	
11104-28-2	Aroclor 1221	ND	41	25	ug/kg	
11141-16-5	Aroclor 1232	ND	41	26	ug/kg	
53469-21-9	Aroclor 1242	ND	41	17	ug/kg	
12672-29-6	Aroclor 1248	ND	41	37	ug/kg	
11097-69-1	Aroclor 1254	ND	41	22	ug/kg	
11096-82-5	Aroclor 1260	ND	41	17	ug/kg	
11100-14-4	Aroclor 1268	ND	41	36	ug/kg	
37324-23-5	Aroclor 1262	ND	41	27	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	97%		10-174%
877-09-8	Tetrachloro-m-xylene	104%		10-174%
2051-24-3	Decachlorobiphenyl	89%		10-195%
2051-24-3	Decachlorobiphenyl	89%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB018 13-15
Lab Sample ID: JE14670-18
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 79.6

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	8870	64	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Antimony	< 2.5	2.5	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	< 2.5	2.5	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Barium	70.9	25	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	0.36	0.25	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	< 0.64	0.64	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Calcium	1670	640	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Chromium	15.0	1.3	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	8.2	6.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Copper	22.5	3.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Iron	14200	64	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Lead	8.5	2.5	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	4210	640	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Manganese	272	1.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Mercury	0.15	0.034	mg/kg	1	07/08/25	07/08/25	CM	SW846 7471B [1]	SW846 7471B [3]
Nickel	25.0	5.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 1300	1300	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Selenium	< 2.5	2.5	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Silver	< 0.64	0.64	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 1300	1300	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Thallium	< 1.3	1.3	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	22.8	6.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Zinc	31.0	6.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA58906
(2) Instrument QC Batch: MA58936
(3) Prep QC Batch: MP55681
(4) Prep QC Batch: MP55735

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB018 13-15		
Lab Sample ID:	JE14670-18	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	79.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.50	0.50	mg/kg	1	07/14/25 13:03	RI	SW846 3060A/7196A
Cyanide	< 0.30	0.30	mg/kg	1	07/09/25 19:25	SS	SW846 9012B/LACHAT
Solids, Percent	79.6		%	1	07/08/25 11:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB018 13-15		
Lab Sample ID:	JE14670-18A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	79.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1402.D	1	07/21/25 14:43	AA	07/17/25 17:00	OP65483	T6Q138
Run #2							

	Initial Weight	Final Volume
Run #1	5.14 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.98	0.13	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.49	0.086	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.24	0.037	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.24	0.061	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.24	0.098	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.24	0.061	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.24	0.086	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.24	0.073	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.24	0.098	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.24	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.24	0.12	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.24	0.086	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.24	0.12	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.24	0.13	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.24	0.12	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	4.0	0.24	0.061	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.24	0.17	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.24	0.13	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.24	0.061	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.98	0.34	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.98	0.12	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.98	0.23	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.24	0.086	ug/kg	
31506-32-8	MeFOSA	ND	0.24	0.073	ug/kg	
4151-50-2	EtFOSA	ND	0.24	0.061	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB018 13-15
Lab Sample ID: JE14670-18A
Matrix: SO - Soil
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 79.6

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.24	0.098	ug/kg	
2991-50-6	EtFOSAA	ND	0.24	0.16	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.4	0.34	ug/kg	
1691-99-2	EtFOSE	ND	2.4	0.89	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.98	0.22	ug/kg	
919005-14-4	ADONA	ND	0.98	0.15	ug/kg	
377-73-1	PFMPA	ND	0.49	0.037	ug/kg	
863090-89-5	PFMBA	ND	0.49	0.073	ug/kg	
151772-58-6	NFDHA	ND	0.49	0.16	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.98	0.32	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.98	0.22	ug/kg	
113507-82-7	PFEESA	ND	0.49	0.037	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.29	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	6.1	0.76	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	6.1	0.77	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	73%		8-130%
	13C5-PFPeA	69%		35-130%
	13C5-PFHxA	70%		40-130%
	13C4-PFHpA	69%		40-130%
	13C8-PFOA	70%		40-130%
	13C9-PFNA	73%		40-130%
	13C6-PFDA	70%		40-130%
	13C7-PFUnDA	75%		40-130%
	13C2-PFDoDA	73%		40-130%
	13C2-PFTeDA	84%		20-130%
	13C3-PFBS	73%		40-135%
	13C3-PFHxS	70%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 13-15		
Lab Sample ID:	JE14670-18A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	79.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	73%		40-130%
	13C8-FOSA	85%		40-130%
	d3-MeFOSA	64%		10-130%
	d5-EtFOSA	60%		10-130%
	d3-MeFOSAA	69%		40-135%
	d5-EtFOSAA	72%		40-150%
	d7-MeFOSE	93%		20-130%
	d9-EtFOSE	71%		15-130%
	13C2-4:2FTS	78%		40-165%
	13C2-6:2FTS	100%		40-215%
	13C2-8:2FTS	172%		40-275%
	13C3-HFPO-DA	69%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 2-4		
Lab Sample ID:	JE14670-20	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	92.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216201.D	1	07/14/25 16:33	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	4.5 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	93.0	12	5.0	ug/kg	
71-43-2	Benzene	0.63	0.60	0.54	ug/kg	
74-97-5	Bromochloromethane	ND	6.0	0.67	ug/kg	
75-27-4	Bromodichloromethane	ND	2.4	0.51	ug/kg	
75-25-2	Bromoform	ND	6.0	1.6	ug/kg	
74-83-9	Bromomethane	ND	6.0	0.91	ug/kg	
78-93-3	2-Butanone (MEK)	9.8	12	2.9	ug/kg	J
75-15-0	Carbon disulfide	ND	2.4	0.64	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.4	0.74	ug/kg	
108-90-7	Chlorobenzene	ND	2.4	0.55	ug/kg	
75-00-3	Chloroethane	ND	6.0	0.71	ug/kg	
67-66-3	Chloroform	ND	2.4	1.2	ug/kg	
74-87-3	Chloromethane [a]	ND	6.0	2.3	ug/kg	
110-82-7	Cyclohexane	ND	2.4	0.79	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.4	0.83	ug/kg	
124-48-1	Dibromochloromethane	ND	2.4	0.67	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.50	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	0.65	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	0.59	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	0.59	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.0	0.87	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	0.59	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.56	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.2	0.78	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.73	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.4	0.57	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.4	0.57	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.4	0.55	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.54	ug/kg	
76-13-1	Freon 113	ND	6.0	3.2	ug/kg	
591-78-6	2-Hexanone	ND	6.0	2.5	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 2-4		
Lab Sample ID:	JE14670-20	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	92.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.4	1.7	ug/kg	
79-20-9	Methyl Acetate [b]	ND	6.0	1.7	ug/kg	
108-87-2	Methylcyclohexane	ND	2.4	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.56	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.0	2.7	ug/kg	
75-09-2	Methylene chloride	ND	6.0	3.1	ug/kg	
100-42-5	Styrene	ND	2.4	0.48	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.4	0.72	ug/kg	
127-18-4	Tetrachloroethene	ND	2.4	0.69	ug/kg	
108-88-3	Toluene	ND	1.2	0.63	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.0	3.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.0	3.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.4	0.58	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.4	0.66	ug/kg	
79-01-6	Trichloroethene	ND	1.2	0.91	ug/kg	
75-69-4	Trichlorofluoromethane [b]	ND	6.0	0.82	ug/kg	
75-01-4	Vinyl chloride	ND	2.4	0.58	ug/kg	
	m,p-Xylene	ND	1.2	1.1	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.55	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.55	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		80-124%
17060-07-0	1,2-Dichloroethane-D4	101%		75-133%
2037-26-5	Toluene-D8	96%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB018 2-4
Lab Sample ID: JE14670-20
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 92.9

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12743.D	1	07/12/25 19:12	KLS	07/08/25 17:00	OP65176	ECT571
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	72	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	31	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	64	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	180	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	180	38	ug/kg	
95-48-7	2-Methylphenol	ND	72	23	ug/kg	
	3&4-Methylphenol	ND	72	29	ug/kg	
88-75-5	2-Nitrophenol [a]	ND	180	24	ug/kg	
100-02-7	4-Nitrophenol	ND	360	95	ug/kg	
87-86-5	Pentachlorophenol [a]	ND	140	34	ug/kg	
108-95-2	Phenol	ND	72	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	24	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	27	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	21	ug/kg	
83-32-9	Acenaphthene	ND	36	12	ug/kg	
208-96-8	Acenaphthylene	ND	36	18	ug/kg	
98-86-2	Acetophenone	ND	180	7.7	ug/kg	
120-12-7	Anthracene	ND	36	22	ug/kg	
1912-24-9	Atrazine	ND	72	15	ug/kg	
56-55-3	Benzo(a)anthracene	20.2	36	10	ug/kg	J
50-32-8	Benzo(a)pyrene	22.5	36	16	ug/kg	J
205-99-2	Benzo(b)fluoranthene	35.9	36	16	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	22.5	36	18	ug/kg	J
207-08-9	Benzo(k)fluoranthene	ND	36	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	72	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	72	8.7	ug/kg	
92-52-4	1,1'-Biphenyl	8.1	72	4.9	ug/kg	J
100-52-7	Benzaldehyde	ND	180	8.9	ug/kg	
91-58-7	2-Chloronaphthalene	ND	72	8.5	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	ND	72	5.2	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 2-4		
Lab Sample ID:	JE14670-20	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	92.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	72	14	ug/kg	
218-01-9	Chrysene	23.7	36	11	ug/kg	J
111-91-1	bis(2-Chloroethoxy)methane	ND	72	7.7	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	72	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	72	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	72	12	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND	36	11	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND	36	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	72	30	ug/kg	
123-91-1	1,4-Dioxane	ND	36	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	36	16	ug/kg	
132-64-9	Dibenzofuran	ND	72	15	ug/kg	
84-74-2	Di-n-butyl phthalate	8.0	72	5.8	ug/kg	J
117-84-0	Di-n-octyl phthalate	ND	72	8.9	ug/kg	
84-66-2	Diethyl phthalate	ND	72	7.6	ug/kg	
131-11-3	Dimethyl phthalate	ND	72	6.4	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	72	8.4	ug/kg	
206-44-0	Fluoranthene	29.8	36	16	ug/kg	J
86-73-7	Fluorene	ND	36	16	ug/kg	
118-74-1	Hexachlorobenzene [a]	ND	72	9.0	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND	36	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	360	14	ug/kg	
67-72-1	Hexachloroethane [a]	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	17.1	36	17	ug/kg	J
78-59-1	Isophorone	ND	72	7.7	ug/kg	
91-57-6	2-Methylnaphthalene	20.6	36	8.1	ug/kg	J
88-74-4	2-Nitroaniline	ND	180	8.4	ug/kg	
99-09-2	3-Nitroaniline	ND	180	8.9	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.3	ug/kg	
91-20-3	Naphthalene	13.4	36	10	ug/kg	J
98-95-3	Nitrobenzene	ND	72	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	72	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	16.8	36	12	ug/kg	J
129-00-0	Pyrene	30.5	36	11	ug/kg	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	32%		10-99%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 2-4		
Lab Sample ID:	JE14670-20	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	92.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	31%		10-96%
118-79-6	2,4,6-Tribromophenol	44%		10-123%
4165-60-0	Nitrobenzene-d5	33%		10-109%
321-60-8	2-Fluorobiphenyl	38%		11-109%
1718-51-0	Terphenyl-d14	41%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.

Report of Analysis

Client Sample ID:	SB018 2-4		
Lab Sample ID:	JE14670-20	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8081B SW846 3546	**Percent Solids:**	92.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RK30037.D	5	07/22/25 10:35	CP	07/21/25 10:00	OP65540	GRK900
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	3.6	3.0	ug/kg	
319-84-6	alpha-BHC	ND	3.6	2.9	ug/kg	
319-85-7	beta-BHC	ND	3.6	3.2	ug/kg	
319-86-8	delta-BHC	ND	3.6	3.4	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	3.6	2.6	ug/kg	
5103-71-9	alpha-Chlordane	ND	3.6	2.9	ug/kg	
5103-74-2	gamma-Chlordane	ND	3.6	1.6	ug/kg	
60-57-1	Dieldrin	3.5	3.6	2.5	ug/kg	J
72-54-8	4,4'-DDD	ND	3.6	3.3	ug/kg	
72-55-9	4,4'-DDE	ND	3.6	3.1	ug/kg	
50-29-3	4,4'-DDT	7.0	3.6	3.2	ug/kg	
72-20-8	Endrin	ND	3.6	2.8	ug/kg	
1031-07-8	Endosulfan sulfate [a]	4.1	3.6	2.8	ug/kg	
7421-93-4	Endrin aldehyde	ND	3.6	2.0	ug/kg	
959-98-8	Endosulfan-I	ND	3.6	2.1	ug/kg	
33213-65-9	Endosulfan-II	ND	3.6	2.2	ug/kg	
76-44-8	Heptachlor	ND	3.6	3.1	ug/kg	
1024-57-3	Heptachlor epoxide	ND	3.6	2.5	ug/kg	
72-43-5	Methoxychlor	ND	7.2	2.9	ug/kg	
53494-70-5	Endrin ketone	ND	3.6	2.6	ug/kg	
8001-35-2	Toxaphene	ND	90	84	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	75%		13-162%
877-09-8	Tetrachloro-m-xylene	87%		13-162%
2051-24-3	Decachlorobiphenyl	71%		10-180%
2051-24-3	Decachlorobiphenyl	109%		10-180%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 2-4		
Lab Sample ID:	JE14670-20	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	92.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G149800.D	1	07/10/25 10:16	AS	07/09/25 11:30	OP65168	G3G5499
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	16	ug/kg	
11104-28-2	Aroclor 1221	ND	35	22	ug/kg	
11141-16-5	Aroclor 1232	ND	35	22	ug/kg	
53469-21-9	Aroclor 1242	ND	35	14	ug/kg	
12672-29-6	Aroclor 1248	ND	35	31	ug/kg	
11097-69-1	Aroclor 1254	ND	35	19	ug/kg	
11096-82-5	Aroclor 1260	ND	35	15	ug/kg	
11100-14-4	Aroclor 1268	ND	35	31	ug/kg	
37324-23-5	Aroclor 1262	ND	35	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	67%		10-174%
877-09-8	Tetrachloro-m-xylene	74%		10-174%
2051-24-3	Decachlorobiphenyl	65%		10-195%
2051-24-3	Decachlorobiphenyl	67%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB018 2-4
Lab Sample ID: JE14670-20
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 92.9

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	6380	54	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Antimony	3.1	2.2	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Arsenic	7.9	2.2	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Barium	73.1	22	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Beryllium	0.49	0.22	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Cadmium	1.1	0.54	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Calcium	2760	540	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Chromium	15.3	1.1	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Cobalt	6.0	5.4	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Copper	1510	14	mg/kg	5	07/10/25	07/11/25	MM	SW846 6010D [3]	SW846 3050B [5]
Iron	14100	54	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Lead	205	2.2	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Magnesium	2510	540	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Manganese	135	1.6	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Mercury	0.10	0.032	mg/kg	1	07/08/25	07/08/25	CM	SW846 7471B [1]	SW846 7471B [4]
Nickel	22.1	4.4	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Potassium	1240	1100	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Selenium	< 2.2	2.2	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Silver	< 0.54	0.54	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Sodium	< 1100	1100	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Thallium	< 1.1	1.1	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Vanadium	26.7	5.4	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]
Zinc	336	5.4	mg/kg	1	07/10/25	07/10/25	MM	SW846 6010D [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA58906
(2) Instrument QC Batch: MA58931
(3) Instrument QC Batch: MA58936
(4) Prep QC Batch: MP55681
(5) Prep QC Batch: MP55735

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB018 2-4		
Lab Sample ID:	JE14670-20	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	92.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.43	0.43	mg/kg	1	07/14/25 13:03	RI	SW846 3060A/7196A
Cyanide	0.28	0.28	mg/kg	1	07/09/25 19:29	SS	SW846 9012B/LACHAT
Solids, Percent	92.9		%	1	07/08/25 11:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB018 2-4
Lab Sample ID: JE14670-20A
Matrix: SO - Soil
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 92.9

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1403.D	1	07/21/25 14:57	AA	07/17/25 17:00	OP65483	T6Q138
Run #2							

	Initial Weight	Final Volume
Run #1	5.22 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.82	0.11	ug/kg	
2706-90-3	Perfluoropentanoic acid	0.60	0.41	0.072	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.21	0.031	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.21	0.052	ug/kg	
335-67-1	Perfluorooctanoic acid	0.23	0.21	0.082	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.21	0.052	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.21	0.072	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.21	0.062	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.21	0.082	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.21	0.093	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.21	0.10	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.21	0.072	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	0.38	0.21	0.10	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.21	0.11	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.21	0.10	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	1.9	0.21	0.052	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.21	0.14	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.21	0.11	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.21	0.052	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.82	0.29	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.82	0.10	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.82	0.20	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.21	0.072	ug/kg	
31506-32-8	MeFOSA	ND	0.21	0.062	ug/kg	
4151-50-2	EtFOSA	ND	0.21	0.052	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 2-4		
Lab Sample ID:	JE14670-20A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	92.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.21	0.082	ug/kg	
2991-50-6	EtFOSAA	0.25	0.21	0.13	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.1	0.29	ug/kg	
1691-99-2	EtFOSE	ND	2.1	0.75	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.82	0.19	ug/kg	
919005-14-4	ADONA	ND	0.82	0.12	ug/kg	
377-73-1	PFMPA	ND	0.41	0.031	ug/kg	
863090-89-5	PFMBA	ND	0.41	0.062	ug/kg	
151772-58-6	NFDHA	ND	0.41	0.13	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.82	0.27	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.82	0.19	ug/kg	
113507-82-7	PFEESA	ND	0.41	0.031	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.0	0.25	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.2	0.64	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.2	0.65	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	71%		8-130%
	13C5-PFPeA	67%		35-130%
	13C5-PFHxA	70%		40-130%
	13C4-PFHpA	70%		40-130%
	13C8-PFOA	71%		40-130%
	13C9-PFNA	70%		40-130%
	13C6-PFDA	70%		40-130%
	13C7-PFUnDA	71%		40-130%
	13C2-PFDoDA	68%		40-130%
	13C2-PFTeDA	68%		20-130%
	13C3-PFBS	72%		40-135%
	13C3-PFHxS	72%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 2-4		
Lab Sample ID:	JE14670-20A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	92.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	67%		40-130%
	13C8-FOSA	72%		40-130%
	d3-MeFOSA	35%		10-130%
	d5-EtFOSA	29%		10-130%
	d3-MeFOSAA	88%		40-135%
	d5-EtFOSAA	95%		40-150%
	d7-MeFOSE	31%		20-130%
	d9-EtFOSE	24%		15-130%
	13C2-4:2FTS	108%		40-165%
	13C2-6:2FTS	168%		40-215%
	13C2-8:2FTS	186%		40-275%
	13C3-HFPO-DA	67%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB014 2-4		
Lab Sample ID:	JE14670-21	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	90.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216202.D	1	07/14/25 16:55	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	4.4 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	13	5.2	ug/kg	
71-43-2	Benzene	ND	0.63	0.57	ug/kg	
74-97-5	Bromochloromethane	ND	6.3	0.70	ug/kg	
75-27-4	Bromodichloromethane	ND	2.5	0.54	ug/kg	
75-25-2	Bromoform	ND	6.3	1.7	ug/kg	
74-83-9	Bromomethane	ND	6.3	0.96	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	3.1	ug/kg	
75-15-0	Carbon disulfide	ND	2.5	0.67	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.5	0.78	ug/kg	
108-90-7	Chlorobenzene	ND	2.5	0.58	ug/kg	
75-00-3	Chloroethane	ND	6.3	0.74	ug/kg	
67-66-3	Chloroform	ND	2.5	1.3	ug/kg	
74-87-3	Chloromethane [a]	ND	6.3	2.5	ug/kg	
110-82-7	Cyclohexane	ND	2.5	0.83	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.87	ug/kg	
124-48-1	Dibromochloromethane	ND	2.5	0.70	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.53	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.3	0.69	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.3	0.62	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.3	0.62	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.3	0.91	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	0.62	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.59	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	0.82	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.77	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	0.60	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.60	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.58	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.57	ug/kg	
76-13-1	Freon 113	ND	6.3	3.4	ug/kg	
591-78-6	2-Hexanone	ND	6.3	2.7	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB014 2-4		
Lab Sample ID:	JE14670-21	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	90.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.5	1.8	ug/kg	
79-20-9	Methyl Acetate [b]	ND	6.3	1.7	ug/kg	
108-87-2	Methylcyclohexane	ND	2.5	1.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.59	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.3	2.9	ug/kg	
75-09-2	Methylene chloride	ND	6.3	3.3	ug/kg	
100-42-5	Styrene	ND	2.5	0.51	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.75	ug/kg	
127-18-4	Tetrachloroethene	0.79	2.5	0.73	ug/kg	J
108-88-3	Toluene	ND	1.3	0.66	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.3	3.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.3	3.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.61	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	0.70	ug/kg	
79-01-6	Trichloroethene	ND	1.3	0.96	ug/kg	
75-69-4	Trichlorofluoromethane [b]	ND	6.3	0.86	ug/kg	
75-01-4	Vinyl chloride	ND	2.5	0.61	ug/kg	
	m,p-Xylene	ND	1.3	1.1	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	1.3	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-124%
17060-07-0	1,2-Dichloroethane-D4	101%		75-133%
2037-26-5	Toluene-D8	96%		79-125%
460-00-4	4-Bromofluorobenzene	96%		58-148%

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB014 2-4
Lab Sample ID: JE14670-21
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 90.3

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M203751.D	1	07/15/25 16:02	AO	07/08/25 14:30	OP65175	EM8823
Run #2	5P103568.D	5	07/16/25 21:45	RS	07/08/25 14:30	OP65175	E5P4946

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2	30.1 g	1.0 ml

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	74	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	23	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	31	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	65	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	180	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	180	39	ug/kg	
95-48-7	2-Methylphenol	ND	74	24	ug/kg	
	3&4-Methylphenol	ND	74	30	ug/kg	
88-75-5	2-Nitrophenol	ND	180	24	ug/kg	
100-02-7	4-Nitrophenol	ND	370	98	ug/kg	
87-86-5	Pentachlorophenol	ND	150	35	ug/kg	
108-95-2	Phenol	ND	74	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	24	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	28	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	22	ug/kg	
83-32-9	Acenaphthene	35.2	37	13	ug/kg	J
208-96-8	Acenaphthylene	1070	37	19	ug/kg	
98-86-2	Acetophenone	ND	180	7.9	ug/kg	
120-12-7	Anthracene	559	37	23	ug/kg	
1912-24-9	Atrazine	ND	74	16	ug/kg	
56-55-3	Benzo(a)anthracene	2250	37	10	ug/kg	
50-32-8	Benzo(a)pyrene	1940	37	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	2110	37	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	1160	37	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	606	37	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	74	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	74	9.0	ug/kg	
92-52-4	1,1'-Biphenyl	12.3	74	5.0	ug/kg	J
100-52-7	Benzaldehyde	ND	180	9.1	ug/kg	
91-58-7	2-Chloronaphthalene	ND	74	8.8	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	38.3	74	5.3	ug/kg	J

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB014 2-4		
Lab Sample ID:	JE14670-21	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	90.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	74	15	ug/kg	
218-01-9	Chrysene	2100	37	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	74	7.9	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	74	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	74	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	74	12	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	37	11	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	37	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	74	31	ug/kg	
123-91-1	1,4-Dioxane	ND	37	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	85.6	37	16	ug/kg	
132-64-9	Dibenzofuran	26.7	74	15	ug/kg	J
84-74-2	Di-n-butyl phthalate	9.2	74	6.0	ug/kg	J
117-84-0	Di-n-octyl phthalate	ND	74	9.2	ug/kg	
84-66-2	Diethyl phthalate	ND	74	7.8	ug/kg	
131-11-3	Dimethyl phthalate	ND	74	6.5	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	74	8.6	ug/kg	
206-44-0	Fluoranthene	3180	37	16	ug/kg	
86-73-7	Fluorene	100	37	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	74	9.3	ug/kg	
87-68-3	Hexachlorobutadiene	ND	37	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	370	15	ug/kg	
67-72-1	Hexachloroethane	ND	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	913	37	17	ug/kg	
78-59-1	Isophorone	ND	74	7.9	ug/kg	
91-57-6	2-Methylnaphthalene	54.7	37	8.3	ug/kg	
88-74-4	2-Nitroaniline	ND	180	8.7	ug/kg	
99-09-2	3-Nitroaniline	ND	180	9.2	ug/kg	
100-01-6	4-Nitroaniline	ND	180	9.5	ug/kg	
91-20-3	Naphthalene	91.0	37	10	ug/kg	
98-95-3	Nitrobenzene	ND	74	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	74	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	180	13	ug/kg	
85-01-8	Phenanthrene	653	37	12	ug/kg	
129-00-0	Pyrene	5030 [b]	180	59	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	9.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	51%	37%	10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB014 2-4		
Lab Sample ID:	JE14670-21	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	90.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	50%	38%	10-96%
118-79-6	2,4,6-Tribromophenol	50%	53%	10-123%
4165-60-0	Nitrobenzene-d5	50%	49%	10-109%
321-60-8	2-Fluorobiphenyl	55%	57%	11-109%
1718-51-0	Terphenyl-d14	51%	54%	10-120%

(a) Associated CCV outside of control limits high,sample was ND.
(b) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB014 2-4		
Lab Sample ID:	JE14670-21	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8081B SW846 3546	**Percent Solids:**	90.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G211559.D	1	07/25/25 05:44	CP	07/16/25 12:35	OP65438	G1G7648
Run #2							

	Initial Weight	Final Volume
Run #1	16.5 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.67	0.55	ug/kg	
319-84-6	alpha-BHC	ND	0.67	0.55	ug/kg	
319-85-7	beta-BHC	ND	0.67	0.61	ug/kg	
319-86-8	delta-BHC	ND	0.67	0.64	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.67	0.49	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.67	0.54	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.67	0.30	ug/kg	
60-57-1	Dieldrin [a]	1.7	0.67	0.46	ug/kg	
72-54-8	4,4'-DDD	ND	0.67	0.62	ug/kg	
72-55-9	4,4'-DDE	ND	0.67	0.59	ug/kg	
50-29-3	4,4'-DDT [a]	2.5	0.67	0.59	ug/kg	
72-20-8	Endrin [a]	9.1	0.67	0.52	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.67	0.52	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.67	0.38	ug/kg	
959-98-8	Endosulfan-I	ND	0.67	0.39	ug/kg	
33213-65-9	Endosulfan-II	ND	0.67	0.42	ug/kg	
76-44-8	Heptachlor	ND	0.67	0.58	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.67	0.47	ug/kg	
72-43-5	Methoxychlor	ND	1.3	0.53	ug/kg	
53494-70-5	Endrin ketone	ND	0.67	0.49	ug/kg	
8001-35-2	Toxaphene	ND	17	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	61%		13-162%
877-09-8	Tetrachloro-m-xylene	62%		13-162%
2051-24-3	Decachlorobiphenyl	81%		10-180%
2051-24-3	Decachlorobiphenyl	91%		10-180%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB014 2-4		
Lab Sample ID:	JE14670-21	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	90.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G149766.D	1	07/10/25 00:23	AS	07/09/25 11:30	OP65171	G3G5499
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	16	ug/kg	
11104-28-2	Aroclor 1221	ND	35	22	ug/kg	
11141-16-5	Aroclor 1232	ND	35	23	ug/kg	
53469-21-9	Aroclor 1242	ND	35	14	ug/kg	
12672-29-6	Aroclor 1248	ND	35	31	ug/kg	
11097-69-1	Aroclor 1254	ND	35	19	ug/kg	
11096-82-5	Aroclor 1260 [a]	41.2	35	15	ug/kg	
11100-14-4	Aroclor 1268	ND	35	31	ug/kg	
37324-23-5	Aroclor 1262	ND	35	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	48%		10-174%
877-09-8	Tetrachloro-m-xylene	50%		10-174%
2051-24-3	Decachlorobiphenyl	55%		10-195%
2051-24-3	Decachlorobiphenyl	61%		10-195%

(a) Reported from the 1st signal. The %D of the CCV on the 2nd signal exceeds the method criteria of 20%, so it being used for confirmation only.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB014 2-4
Lab Sample ID: JE14670-21
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 90.3

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	5210	54	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [5]
Antimony [a]	< 4.4	4.4	mg/kg	2	07/10/25	07/14/25	MM	SW846 6010D [3]	SW846 3050B [5]
Arsenic	10.1	2.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [5]
Barium	81.5	22	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [5]
Beryllium	0.28	0.22	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [5]
Cadmium	0.83	0.54	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [5]
Calcium	4360	540	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [5]
Chromium	15.3	1.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [5]
Cobalt	6.7	5.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [5]
Copper [a]	232	5.4	mg/kg	2	07/10/25	07/14/25	MM	SW846 6010D [3]	SW846 3050B [5]
Iron [a]	29300	110	mg/kg	2	07/10/25	07/14/25	MM	SW846 6010D [3]	SW846 3050B [5]
Lead	357	2.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [5]
Magnesium	2750	540	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [5]
Manganese	381	1.6	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [5]
Mercury	1.9	0.15	mg/kg	5	07/08/25	07/08/25	CM	SW846 7471B [1]	SW846 7471B [4]
Nickel	19.2	4.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [5]
Potassium	< 1100	1100	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [5]
Selenium [a]	< 4.4	4.4	mg/kg	2	07/10/25	07/14/25	MM	SW846 6010D [3]	SW846 3050B [5]
Silver [a]	< 1.1	1.1	mg/kg	2	07/10/25	07/14/25	MM	SW846 6010D [3]	SW846 3050B [5]
Sodium	< 1100	1100	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [5]
Thallium [a]	< 2.2	2.2	mg/kg	2	07/10/25	07/14/25	MM	SW846 6010D [3]	SW846 3050B [5]
Vanadium	20.3	5.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [5]
Zinc	306	16	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [5]

(1) Instrument QC Batch: MA58906
(2) Instrument QC Batch: MA58936
(3) Instrument QC Batch: MA58950
(4) Prep QC Batch: MP55681
(5) Prep QC Batch: MP55736

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB014 2-4		
Lab Sample ID:	JE14670-21	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	90.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.43	0.43	mg/kg	1	07/14/25 13:03	RI	SW846 3060A/7196A
Cyanide	< 0.27	0.27	mg/kg	1	07/10/25 15:55	JD	SW846 9012B/LACHAT
Solids, Percent	90.3		%	1	07/08/25 11:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB014 2-4		
Lab Sample ID:	JE14670-21A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	90.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1404.D	1	07/21/25 15:10	AA	07/17/25 17:00	OP65483	T6Q138
Run #2							

	Initial Weight	Final Volume
Run #1	5.12 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.87	0.12	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.43	0.076	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.032	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.054	ug/kg	
335-67-1	Perfluorooctanoic acid	0.28	0.22	0.087	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.22	0.054	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.076	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.065	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.087	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.097	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.22	0.076	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.22	0.11	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.22	0.12	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.22	0.11	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	1.7	0.22	0.054	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.22	0.15	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.12	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.054	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.87	0.30	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.87	0.11	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.87	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.22	0.076	ug/kg	
31506-32-8	MeFOSA	ND	0.22	0.065	ug/kg	
4151-50-2	EtFOSA	ND	0.22	0.054	ug/kg	

ND = Not detected MDL = Method Detection Limit
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E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB014 2-4		
Lab Sample ID:	JE14670-21A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	90.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.22	0.087	ug/kg	
2991-50-6	EtFOSAA	ND	0.22	0.14	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.2	0.30	ug/kg	
1691-99-2	EtFOSE	ND	2.2	0.79	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.87	0.19	ug/kg	
919005-14-4	ADONA	ND	0.87	0.13	ug/kg	
377-73-1	PFMPA	ND	0.43	0.032	ug/kg	
863090-89-5	PFMBA	ND	0.43	0.065	ug/kg	
151772-58-6	NFDHA	ND	0.43	0.14	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.87	0.28	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.87	0.19	ug/kg	
113507-82-7	PFEESA	ND	0.43	0.032	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.26	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.4	0.67	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.4	0.68	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	72%		8-130%
	13C5-PFPeA	69%		35-130%
	13C5-PFHxA	70%		40-130%
	13C4-PFHpA	69%		40-130%
	13C8-PFOA	67%		40-130%
	13C9-PFNA	67%		40-130%
	13C6-PFDA	67%		40-130%
	13C7-PFUnDA	73%		40-130%
	13C2-PFDoDA	71%		40-130%
	13C2-PFTeDA	76%		20-130%
	13C3-PFBS	69%		40-135%
	13C3-PFHxS	68%		40-130%

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB014 2-4		
Lab Sample ID:	JE14670-21A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	90.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	72%		40-130%
	13C8-FOSA	86%		40-130%
	d3-MeFOSA	51%		10-130%
	d5-EtFOSA	45%		10-130%
	d3-MeFOSAA	76%		40-135%
	d5-EtFOSAA	89%		40-150%
	d7-MeFOSE	59%		20-130%
	d9-EtFOSE	43%		15-130%
	13C2-4:2FTS	82%		40-165%
	13C2-6:2FTS	122%		40-215%
	13C2-8:2FTS	168%		40-275%
	13C3-HFPO-DA	69%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB014 13-15
Lab Sample ID: JE14670-22
Matrix: SO - Soil
Method: SW846 8260D
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 82.6

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216203.D	1	07/14/25 17:17	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	4.9 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	62.7	12	5.1	ug/kg	
71-43-2	Benzene	ND	0.62	0.56	ug/kg	
74-97-5	Bromochloromethane	ND	6.2	0.69	ug/kg	
75-27-4	Bromodichloromethane	ND	2.5	0.53	ug/kg	
75-25-2	Bromoform	ND	6.2	1.7	ug/kg	
74-83-9	Bromomethane	ND	6.2	0.94	ug/kg	
78-93-3	2-Butanone (MEK)	9.1	12	3.0	ug/kg	J
75-15-0	Carbon disulfide	ND	2.5	0.66	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.5	0.76	ug/kg	
108-90-7	Chlorobenzene	ND	2.5	0.57	ug/kg	
75-00-3	Chloroethane	ND	6.2	0.73	ug/kg	
67-66-3	Chloroform	ND	2.5	1.2	ug/kg	
74-87-3	Chloromethane [a]	ND	6.2	2.4	ug/kg	
110-82-7	Cyclohexane	12.3	2.5	0.81	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.86	ug/kg	
124-48-1	Dibromochloromethane	ND	2.5	0.69	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.52	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	0.67	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	0.61	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	0.61	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.2	0.90	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	0.61	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.58	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.2	0.81	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.75	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	0.58	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.59	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.56	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.56	ug/kg	
76-13-1	Freon 113	ND	6.2	3.3	ug/kg	
591-78-6	2-Hexanone	ND	6.2	2.6	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB014 13-15		
Lab Sample ID:	JE14670-22	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	82.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.5	1.8	ug/kg	
79-20-9	Methyl Acetate [b]	ND	6.2	1.7	ug/kg	
108-87-2	Methylcyclohexane	5.9	2.5	1.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.58	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.2	2.8	ug/kg	
75-09-2	Methylene chloride	ND	6.2	3.2	ug/kg	
100-42-5	Styrene	ND	2.5	0.50	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.74	ug/kg	
127-18-4	Tetrachloroethene	ND	2.5	0.72	ug/kg	
108-88-3	Toluene	ND	1.2	0.65	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	3.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	3.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.60	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	0.68	ug/kg	
79-01-6	Trichloroethene	ND	1.2	0.94	ug/kg	
75-69-4	Trichlorofluoromethane [b]	ND	6.2	0.84	ug/kg	
75-01-4	Vinyl chloride	ND	2.5	0.59	ug/kg	
	m,p-Xylene	ND	1.2	1.1	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.57	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.57	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		80-124%
17060-07-0	1,2-Dichloroethane-D4	84%		75-133%
2037-26-5	Toluene-D8	96%		79-125%
460-00-4	4-Bromofluorobenzene	106%		58-148%

(a) Associated CCV outside of control limits high, sample was ND. This compound in blank spike is outside in house QC limits bias high.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB014 13-15		
Lab Sample ID:	JE14670-22	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	82.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	M203752.D	1	07/15/25 16:26	AO	07/08/25 14:30	OP65175	EM8823
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	80	20	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	25	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	72	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND	200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND	200	43	ug/kg	
95-48-7	2-Methylphenol	ND	80	26	ug/kg	
	3&4-Methylphenol	218	80	33	ug/kg	
88-75-5	2-Nitrophenol	ND	200	27	ug/kg	
100-02-7	4-Nitrophenol	ND	400	110	ug/kg	
87-86-5	Pentachlorophenol	ND	160	38	ug/kg	
108-95-2	Phenol	ND	80	21	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	27	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	30	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	24	ug/kg	
83-32-9	Acenaphthene	24.6	40	14	ug/kg	J
208-96-8	Acenaphthylene	27.9	40	20	ug/kg	J
98-86-2	Acetophenone	ND	200	8.6	ug/kg	
120-12-7	Anthracene	45.8	40	25	ug/kg	
1912-24-9	Atrazine	ND	80	17	ug/kg	
56-55-3	Benzo(a)anthracene	102	40	11	ug/kg	
50-32-8	Benzo(a)pyrene	32.1	40	18	ug/kg	J
205-99-2	Benzo(b)fluoranthene	74.7	40	18	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	40	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	40	19	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	80	16	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	80	9.8	ug/kg	
92-52-4	1,1'-Biphenyl	37.3	80	5.5	ug/kg	J
100-52-7	Benzaldehyde	ND	200	10	ug/kg	
91-58-7	2-Chloronaphthalene	ND	80	9.6	ug/kg	
106-47-8	4-Chloroaniline	ND	200	14	ug/kg	
86-74-8	Carbazole	34.6	80	5.8	ug/kg	J

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB014 13-15		
Lab Sample ID:	JE14670-22	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	82.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	80	16	ug/kg	
218-01-9	Chrysene	178	40	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	80	8.6	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	80	17	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	80	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	80	13	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	40	12	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	40	20	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	80	34	ug/kg	
123-91-1	1,4-Dioxane	ND	40	27	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	40	18	ug/kg	
132-64-9	Dibenzofuran	43.3	80	16	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	80	6.6	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	80	10	ug/kg	
84-66-2	Diethyl phthalate	ND	80	8.6	ug/kg	
131-11-3	Dimethyl phthalate	ND	80	7.2	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	80	9.4	ug/kg	
206-44-0	Fluoranthene	140	40	18	ug/kg	
86-73-7	Fluorene	52.5	40	18	ug/kg	
118-74-1	Hexachlorobenzene	ND	80	10	ug/kg	
87-68-3	Hexachlorobutadiene	ND	40	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	400	16	ug/kg	
67-72-1	Hexachloroethane	ND	200	20	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	40	19	ug/kg	
78-59-1	Isophorone	ND	80	8.6	ug/kg	
91-57-6	2-Methylnaphthalene	119	40	9.1	ug/kg	
88-74-4	2-Nitroaniline	ND	200	9.5	ug/kg	
99-09-2	3-Nitroaniline	ND	200	10	ug/kg	
100-01-6	4-Nitroaniline	ND	200	10	ug/kg	
91-20-3	Naphthalene	150	40	11	ug/kg	
98-95-3	Nitrobenzene	ND	80	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	80	12	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	15	ug/kg	
85-01-8	Phenanthrene	290	40	14	ug/kg	
129-00-0	Pyrene	145	40	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	46%		10-99%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB014 13-15		
Lab Sample ID:	JE14670-22	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	82.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	46%		10-96%
118-79-6	2,4,6-Tribromophenol	43%		10-123%
4165-60-0	Nitrobenzene-d5	42%		10-109%
321-60-8	2-Fluorobiphenyl	49%		11-109%
1718-51-0	Terphenyl-d14	38%		10-120%

(a) Associated CCV outside of control limits high, sample was ND.

Report of Analysis

Client Sample ID:	SB014 13-15		
Lab Sample ID:	JE14670-22	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8081B SW846 3546	**Percent Solids:**	82.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G211561.D	1	07/25/25 06:15	CP	07/16/25 12:35	OP65438	G1G7648
Run #2							

	Initial Weight	Final Volume
Run #1	15.3 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.79	0.65	ug/kg	
319-84-6	alpha-BHC	ND	0.79	0.64	ug/kg	
319-85-7	beta-BHC	ND	0.79	0.72	ug/kg	
319-86-8	delta-BHC	ND	0.79	0.76	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.79	0.58	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.79	0.64	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.79	0.36	ug/kg	
60-57-1	Dieldrin	ND	0.79	0.54	ug/kg	
72-54-8	4,4'-DDD	ND	0.79	0.73	ug/kg	
72-55-9	4,4'-DDE	ND	0.79	0.69	ug/kg	
50-29-3	4,4'-DDT	ND	0.79	0.70	ug/kg	
72-20-8	Endrin	ND	0.79	0.61	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.79	0.62	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.79	0.45	ug/kg	
959-98-8	Endosulfan-I	ND	0.79	0.46	ug/kg	
33213-65-9	Endosulfan-II	ND	0.79	0.49	ug/kg	
76-44-8	Heptachlor	ND	0.79	0.68	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.79	0.55	ug/kg	
72-43-5	Methoxychlor	ND	1.6	0.63	ug/kg	
53494-70-5	Endrin ketone	ND	0.79	0.57	ug/kg	
8001-35-2	Toxaphene	ND	20	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	56%		13-162%
877-09-8	Tetrachloro-m-xylene	55%		13-162%
2051-24-3	Decachlorobiphenyl	67%		10-180%
2051-24-3	Decachlorobiphenyl	82%		10-180%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB014 13-15
Lab Sample ID: JE14670-22
Matrix: SO - Soil
Method: SW846 8082A SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 82.6

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G149767.D	1	07/10/25 00:40	AS	07/09/25 11:30	OP65171	G3G5499
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	39	18	ug/kg	
11104-28-2	Aroclor 1221	ND	39	24	ug/kg	
11141-16-5	Aroclor 1232	ND	39	25	ug/kg	
53469-21-9	Aroclor 1242	ND	39	16	ug/kg	
12672-29-6	Aroclor 1248	ND	39	35	ug/kg	
11097-69-1	Aroclor 1254	ND	39	21	ug/kg	
11096-82-5	Aroclor 1260	ND	39	17	ug/kg	
11100-14-4	Aroclor 1268	ND	39	34	ug/kg	
37324-23-5	Aroclor 1262	ND	39	26	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	51%		10-174%
877-09-8	Tetrachloro-m-xylene	56%		10-174%
2051-24-3	Decachlorobiphenyl	68%		10-195%
2051-24-3	Decachlorobiphenyl	73%		10-195%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB014 13-15
Lab Sample ID: JE14670-22
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 82.6

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	7260	61	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Antimony	< 2.4	2.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	< 2.4	2.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Barium	44.2	24	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	0.37	0.24	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	< 0.61	0.61	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Calcium	1060	610	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Chromium	9.2	1.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	< 6.1	6.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Copper	23.3	3.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Iron	16600	61	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Lead	12.9	2.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	1860	610	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Manganese	249	1.8	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Mercury	0.11	0.031	mg/kg	1	07/08/25	07/08/25	CM	SW846 7471B [1]	SW846 7471B [3]
Nickel	10.0	4.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 1200	1200	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Selenium	< 2.4	2.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Silver	< 0.61	0.61	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 1200	1200	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Thallium	< 1.2	1.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	16.1	6.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Zinc	38.2	18	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA58906
(2) Instrument QC Batch: MA58936
(3) Prep QC Batch: MP55681
(4) Prep QC Batch: MP55736

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB014 13-15		
Lab Sample ID:	JE14670-22	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	82.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	< 0.48	0.48	mg/kg	1	07/14/25 13:03	RI	SW846 3060A/7196A
Cyanide	< 0.32	0.32	mg/kg	1	07/10/25 15:56	JD	SW846 9012B/LACHAT
Solids, Percent	82.6		%	1	07/08/25 11:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

Report of Analysis

Client Sample ID: SB014 13-15
Lab Sample ID: JE14670-22A
Matrix: SO - Soil
Method: EPA 1633 EPA 1633
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/07/25
Date Received: 07/07/25
Percent Solids: 82.6

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1405.D	1	07/21/25 15:23	AA	07/17/25 17:00	OP65483	T6Q138
Run #2							

	Initial Weight	Final Volume
Run #1	5.13 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND	0.94	0.13	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.47	0.083	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.24	0.035	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.24	0.059	ug/kg	
335-67-1	Perfluorooctanoic acid	0.15	0.24	0.094	ug/kg	J
375-95-1	Perfluorononanoic acid	ND	0.24	0.059	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.24	0.083	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.24	0.071	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.24	0.094	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.24	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.24	0.12	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND	0.24	0.083	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND	0.24	0.12	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	ND	0.24	0.13	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	ND	0.24	0.12	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	0.56	0.24	0.059	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND	0.24	0.17	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.24	0.13	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.24	0.059	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.94	0.33	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.94	0.12	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.94	0.22	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND	0.24	0.083	ug/kg	
31506-32-8	MeFOSA	ND	0.24	0.071	ug/kg	
4151-50-2	EtFOSA	ND	0.24	0.059	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB014 13-15		
Lab Sample ID:	JE14670-22A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	82.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.24	0.094	ug/kg	
2991-50-6	EtFOSAA	ND	0.24	0.15	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.4	0.33	ug/kg	
1691-99-2	EtFOSE	ND	2.4	0.86	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.94	0.21	ug/kg	
919005-14-4	ADONA	ND	0.94	0.14	ug/kg	
377-73-1	PFMPA	ND	0.47	0.035	ug/kg	
863090-89-5	PFMBA	ND	0.47	0.071	ug/kg	
151772-58-6	NFDHA	ND	0.47	0.15	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.94	0.31	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.94	0.21	ug/kg	
113507-82-7	PFEESA	ND	0.47	0.035	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.28	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.9	0.73	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.9	0.74	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	74%		8-130%
	13C5-PFPeA	70%		35-130%
	13C5-PFHxA	72%		40-130%
	13C4-PFHpA	68%		40-130%
	13C8-PFOA	73%		40-130%
	13C9-PFNA	74%		40-130%
	13C6-PFDA	67%		40-130%
	13C7-PFUnDA	73%		40-130%
	13C2-PFDoDA	73%		40-130%
	13C2-PFTeDA	81%		20-130%
	13C3-PFBS	68%		40-135%
	13C3-PFHxS	69%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB014 13-15		
Lab Sample ID:	JE14670-22A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	82.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C8-PFOS	79%		40-130%
	13C8-FOSA	97%		40-130%
	d3-MeFOSA	71%		10-130%
	d5-EtFOSA	65%		10-130%
	d3-MeFOSAA	73%		40-135%
	d5-EtFOSAA	80%		40-150%
	d7-MeFOSE	94%		20-130%
	d9-EtFOSE	77%		15-130%
	13C2-4:2FTS	72%		40-165%
	13C2-6:2FTS	89%		40-215%
	13C2-8:2FTS	160%		40-275%
	13C3-HFPO-DA	71%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Technical Report for

PW Grosser Consulting

ALE2501 - 60 Alexander Street, Yonkers, NY

SGS Job Number: JE14670R

Sampling Date: 07/07/25

Report to:

PW Grosser Consulting
630 Johnson Avenue #7
Bohemia, NY 11716
zyoungman@pwgrosser.com; jenniferl@pwgrosser.com

ATTN: Zeb Youngman

Total number of pages in report: 5

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Victoria Pushkova 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Test results relate only to samples analyzed.

Sample Summary

PW Grosser Consulting

Job No: JE14670R

ALE2501 - 60 Alexander Street, Yonkers, NY

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
JE14670-3R	07/07/25	11:40	RD	07/07/25	SO	Soil	SB020 18-20
JE14670-6R	07/07/25	12:20	RD	07/07/25	SO	Soil	SB019 18-20

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Report of Analysis

Client Sample ID:	SB020 18-20		
Lab Sample ID:	JE14670-3R	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	66.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	3670	78	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Antimony	< 3.1	3.1	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Arsenic	6.8	3.1	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Barium	63.5	31	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Beryllium	0.39	0.31	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Cadmium	< 0.78	0.78	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Calcium	1770	780	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Chromium	7.3	1.6	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Cobalt	< 7.8	7.8	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Copper	26.2	3.9	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Iron	5630	78	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Lead	80.3	3.1	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Magnesium	< 780	780	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Manganese	95.1	2.3	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Mercury	0.35	0.043	mg/kg	1	07/30/25	07/30/25	CM	SW846 7471B [1]	SW846 7471B [4]
Nickel	14.4	6.2	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Potassium	< 1600	1600	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Selenium	< 3.1	3.1	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Silver	< 0.78	0.78	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Sodium	< 1600	1600	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Thallium	< 1.6	1.6	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Vanadium	19.6	7.8	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Zinc	41.6	7.8	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA59047
(2) Instrument QC Batch: MA59051
(3) Prep QC Batch: MP56210
(4) Prep QC Batch: MP56228

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB019 18-20		
Lab Sample ID:	JE14670-6R	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	75.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	4100	63	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Antimony	< 2.5	2.5	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Arsenic	2.8	2.5	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Barium	< 25	25	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Beryllium	< 0.25	0.25	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Cadmium	< 0.63	0.63	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Calcium	1030	630	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Chromium	10.7	1.3	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Cobalt	< 6.3	6.3	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Copper	5.5	3.2	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Iron	9630	63	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Lead	4.1	2.5	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Magnesium	2040	630	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Manganese	145	1.9	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Mercury	< 0.038	0.038	mg/kg	1	07/30/25	07/30/25	CM	SW846 7471B [1]	SW846 7471B [4]
Nickel	7.8	5.1	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Potassium	< 1300	1300	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Selenium	< 2.5	2.5	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Silver	< 0.63	0.63	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Sodium	< 1300	1300	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Thallium	< 1.3	1.3	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Vanadium	10.2	6.3	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Zinc	30.2	6.3	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA59047
(2) Instrument QC Batch: MA59051
(3) Prep QC Batch: MP56210
(4) Prep QC Batch: MP56228

RL = Reporting Limit

Technical Report for

PW Grosser Consulting

ALE2501 - 60 Alexander Street, Yonkers, NY

SGS Job Number: JE14670U

Sampling Date: 07/07/25

Report to:

PW Grosser Consulting
630 Johnson Avenue #7
Bohemia, NY 11716
zyoungman@pwgrosser.com; jenniferl@pwgrosser.com

ATTN: Zeb Youngman

Total number of pages in report: 22

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Victoria Pushkova 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Test results relate only to samples analyzed.

Sample Summary

PW Grosser Consulting

Job No: JE14670U

ALE2501 - 60 Alexander Street, Yonkers, NY

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
This report contains results reported as ND = Not detected. The following applies:							
Organics ND = Not detected above the MDL							
JE14670-1U	07/07/25	11:25	RD	07/07/25	SO	Soil	SB020 0-2
JE14670-2U	07/07/25	11:35	RD	07/07/25	SO	Soil	SB020 13-15
JE14670-4U	07/07/25	12:10	RD	07/07/25	SO	Soil	SB019 2-4
JE14670-5U	07/07/25	12:15	RD	07/07/25	SO	Soil	SB019 13-15
JE14670-7U	07/07/25	12:45	RD	07/07/25	SO	Soil	SB021 6-8
JE14670-8U	07/07/25	12:50	RD	07/07/25	SO	Soil	SB021 13-15
JE14670-9U	07/07/25	12:55	RD	07/07/25	SO	Soil	SB021 18-20
JE14670-10U	07/07/25	13:35	RD	07/07/25	SO	Soil	SB016 4-6
JE14670-11U	07/07/25	13:40	RD	07/07/25	SO	Soil	SB016 13-15
JE14670-12U	07/07/25	13:45	RD	07/07/25	SO	Soil	SB016 18-20
JE14670-13U	07/07/25	14:20	RD	07/07/25	SO	Soil	SB017 8-10
JE14670-14U	07/07/25	14:30	RD	07/07/25	SO	Soil	SB017 13-15

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

PW Grosser Consulting

Job No: JE14670U

ALE2501 - 60 Alexander Street, Yonkers, NY

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
JE14670-16U	07/07/25	14:50	RD	07/07/25	SO	Soil	DUP001
JE14670-17DU	07/07/25	15:00	RD	07/07/25	SO	Soil Dup/MSD	SB018 (4'-10')
JE14670-17SU	07/07/25	15:00	RD	07/07/25	SO	Soil Matrix Spike	SB018 (4'-10')
JE14670-17U	07/07/25	15:00	RD	07/07/25	SO	Soil	SB018 (4'-10')
JE14670-18U	07/07/25	15:03	RD	07/07/25	SO	Soil	SB018 13-15
JE14670-20U	07/07/25	15:10	RD	07/07/25	SO	Soil	SB018 2-4
JE14670-21U	07/07/25	15:25	RD	07/07/25	SO	Soil	SB014 2-4
JE14670-22U	07/07/25	15:34	RD	07/07/25	SO	Soil	SB014 13-15

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Report of Analysis

Client Sample ID:	SB020 0-2		
Lab Sample ID:	JE14670-1U	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	91.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194928U.D	1	07/11/25 19:45	JN	n/a	n/a	V3C8458
Run #2							

	Initial Weight
Run #1	4.4 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	2.5	0.50	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.5	0.53	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.5	0.62	ug/kg	
91-20-3	Naphthalene	9.2	6.2	3.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.5	0.58	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.62	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.53	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-124%
17060-07-0	1,2-Dichloroethane-D4	96%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB020 13-15		
Lab Sample ID:	JE14670-2U	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	82.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194929U.D	1	07/11/25 20:11	JN	n/a	n/a	V3C8458
Run #2							

	Initial Weight
Run #1	6.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	1.9	0.38	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.9	0.40	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.9	0.47	ug/kg	
91-20-3	Naphthalene	ND	4.7	2.3	ug/kg	
103-65-1	n-Propylbenzene	ND	1.9	0.44	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.47	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.40	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-124%
17060-07-0	1,2-Dichloroethane-D4	97%		75-133%
2037-26-5	Toluene-D8	104%		79-125%
460-00-4	4-Bromofluorobenzene	104%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB019 2-4		
Lab Sample ID:	JE14670-4U	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	88.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194930U.D	1	07/11/25 20:37	JN	n/a	n/a	V3C8458
Run #2							

	Initial Weight
Run #1	4.9 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	2.3	0.47	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.3	0.49	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.3	0.58	ug/kg	
91-20-3	Naphthalene	ND	5.8	2.9	ug/kg	
103-65-1	n-Propylbenzene	ND	2.3	0.54	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	0.58	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	0.50	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-124%
17060-07-0	1,2-Dichloroethane-D4	95%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	98%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB019 13-15		
Lab Sample ID:	JE14670-5U	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	73.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194931U.D	1	07/11/25 21:03	JN	n/a	n/a	V3C8458
Run #2							

	Initial Weight
Run #1	4.4 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	3.1	0.63	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.1	0.66	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.1	0.78	ug/kg	
91-20-3	Naphthalene	ND	7.8	3.9	ug/kg	
103-65-1	n-Propylbenzene	ND	3.1	0.73	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.1	0.78	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.1	0.67	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-124%
17060-07-0	1,2-Dichloroethane-D4	97%		75-133%
2037-26-5	Toluene-D8	101%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 6-8		
Lab Sample ID:	JE14670-7U	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	89.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GA23922U.D	1	07/14/25 14:50	JN	n/a	n/a	VGA660
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	2.8 g	10.0 ml	100 ul
Run #2			

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	615	410	83	ug/kg	
135-98-8	sec-Butylbenzene	ND	410	88	ug/kg	
98-06-6	tert-Butylbenzene	ND	410	100	ug/kg	
91-20-3	Naphthalene	937	1000	510	ug/kg	J
103-65-1	n-Propylbenzene	1380	410	96	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	918	410	100	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	284	410	88	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-124%
17060-07-0	1,2-Dichloroethane-D4	91%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	98%		58-148%

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 13-15		
Lab Sample ID:	JE14670-8U	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	78.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216195U.D	1	07/14/25 14:22	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	3.7 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	3.5	0.70	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.5	0.74	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.5	0.86	ug/kg	
91-20-3	Naphthalene	ND	8.6	4.3	ug/kg	
103-65-1	n-Propylbenzene	ND	3.5	0.81	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.5	0.86	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.5	0.74	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		80-124%
17060-07-0	1,2-Dichloroethane-D4	91%		75-133%
2037-26-5	Toluene-D8	96%		79-125%
460-00-4	4-Bromofluorobenzene	99%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB021 18-20		
Lab Sample ID:	JE14670-9U	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	88.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194932U.D	1	07/11/25 21:29	JN	n/a	n/a	V3C8458
Run #2							

	Initial Weight
Run #1	5.2 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	2.2	0.44	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.2	0.47	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.2	0.55	ug/kg	
91-20-3	Naphthalene	ND	5.5	2.7	ug/kg	
103-65-1	n-Propylbenzene	ND	2.2	0.51	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.2	0.55	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.2	0.47	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-124%
17060-07-0	1,2-Dichloroethane-D4	101%		75-133%
2037-26-5	Toluene-D8	100%		79-125%
460-00-4	4-Bromofluorobenzene	98%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 4-6		
Lab Sample ID:	JE14670-10U	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	87.0
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216193U.D	1	07/14/25 13:38	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	4.4 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	2.6	0.53	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.6	0.56	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.6	0.65	ug/kg	
91-20-3	Naphthalene	ND	6.5	3.3	ug/kg	
103-65-1	n-Propylbenzene	ND	2.6	0.61	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.6	0.65	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.6	0.56	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-124%
17060-07-0	1,2-Dichloroethane-D4	100%		75-133%
2037-26-5	Toluene-D8	95%		79-125%
460-00-4	4-Bromofluorobenzene	98%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 13-15		
Lab Sample ID:	JE14670-11U	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	83.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C195019U.D	1	07/15/25 15:31	JN	n/a	n/a	V3C8461
Run #2							

	Initial Weight
Run #1	8.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	1.4	0.29	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.4	0.30	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.4	0.35	ug/kg	
91-20-3	Naphthalene	ND	3.5	1.8	ug/kg	
103-65-1	n-Propylbenzene	ND	1.4	0.33	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.4	0.35	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.4	0.30	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-124%
17060-07-0	1,2-Dichloroethane-D4	98%		75-133%
2037-26-5	Toluene-D8	104%		79-125%
460-00-4	4-Bromofluorobenzene	102%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB016 18-20		
Lab Sample ID:	JE14670-12U	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	68.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216196U.D	1	07/14/25 14:44	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	5.3 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	2.8	0.56	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.8	0.59	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.8	0.69	ug/kg	
91-20-3	Naphthalene	ND	6.9	3.4	ug/kg	
103-65-1	n-Propylbenzene	ND	2.8	0.65	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.8	0.69	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.8	0.59	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-124%
17060-07-0	1,2-Dichloroethane-D4	103%		75-133%
2037-26-5	Toluene-D8	95%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB017 8-10		
Lab Sample ID:	JE14670-13U	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	87.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216197U.D	1	07/14/25 15:06	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	6.2 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	1.8	0.37	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.8	0.39	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.8	0.46	ug/kg	
91-20-3	Naphthalene	ND	4.6	2.3	ug/kg	
103-65-1	n-Propylbenzene	ND	1.8	0.43	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.8	0.46	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.8	0.40	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-124%
17060-07-0	1,2-Dichloroethane-D4	101%		75-133%
2037-26-5	Toluene-D8	95%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB017 13-15		
Lab Sample ID:	JE14670-14U	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	81.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216198U.D	1	07/14/25 15:28	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	3.7 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	3.3	0.67	ug/kg	
135-98-8	sec-Butylbenzene	ND	3.3	0.71	ug/kg	
98-06-6	tert-Butylbenzene	ND	3.3	0.83	ug/kg	
91-20-3	Naphthalene	ND	8.3	4.1	ug/kg	
103-65-1	n-Propylbenzene	ND	3.3	0.78	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	3.3	0.83	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	3.3	0.71	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-124%
17060-07-0	1,2-Dichloroethane-D4	99%		75-133%
2037-26-5	Toluene-D8	99%		79-125%
460-00-4	4-Bromofluorobenzene	103%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP001		
Lab Sample ID:	JE14670-16U	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	90.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216199U.D	1	07/14/25 15:50	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	5.8 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	1.9	0.39	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.9	0.41	ug/kg	
98-06-6	tert-Butylbenzene	ND	1.9	0.48	ug/kg	
91-20-3	Naphthalene	ND	4.8	2.4	ug/kg	
103-65-1	n-Propylbenzene	ND	1.9	0.45	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.48	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-124%
17060-07-0	1,2-Dichloroethane-D4	98%		75-133%
2037-26-5	Toluene-D8	95%		79-125%
460-00-4	4-Bromofluorobenzene	95%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 (4'-10')		
Lab Sample ID:	JE14670-17U	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	84.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216194U.D	1	07/14/25 14:00	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	5.3 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	2.2	0.45	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.2	0.48	ug/kg	
98-06-6	tert-Butylbenzene	1.3	2.2	0.56	ug/kg	J
91-20-3	Naphthalene	ND	5.6	2.8	ug/kg	
103-65-1	n-Propylbenzene	ND	2.2	0.53	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.2	0.56	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.2	0.48	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		80-124%
17060-07-0	1,2-Dichloroethane-D4	91%		75-133%
2037-26-5	Toluene-D8	97%		79-125%
460-00-4	4-Bromofluorobenzene	102%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 13-15		
Lab Sample ID:	JE14670-18U	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	79.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216200U.D	1	07/14/25 16:11	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	6.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	1.9	0.39	ug/kg	
135-98-8	sec-Butylbenzene	ND	1.9	0.41	ug/kg	
98-06-6	tert-Butylbenzene	0.83	1.9	0.48	ug/kg	J
91-20-3	Naphthalene	ND	4.8	2.4	ug/kg	
103-65-1	n-Propylbenzene	ND	1.9	0.45	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	1.9	0.48	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	1.9	0.42	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		80-124%
17060-07-0	1,2-Dichloroethane-D4	97%		75-133%
2037-26-5	Toluene-D8	95%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB018 2-4		
Lab Sample ID:	JE14670-20U	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	92.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216201U.D	1	07/14/25 16:33	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	4.5 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	2.4	0.49	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.4	0.51	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.4	0.60	ug/kg	
91-20-3	Naphthalene	ND	6.0	3.0	ug/kg	
103-65-1	n-Propylbenzene	ND	2.4	0.56	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.4	0.60	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.4	0.52	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		80-124%
17060-07-0	1,2-Dichloroethane-D4	101%		75-133%
2037-26-5	Toluene-D8	96%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB014 2-4		
Lab Sample ID:	JE14670-21U	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	90.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216202U.D	1	07/14/25 16:55	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	4.4 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	2.5	0.51	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.5	0.54	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.5	0.63	ug/kg	
91-20-3	Naphthalene	ND	6.3	3.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.5	0.59	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.63	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.54	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-124%
17060-07-0	1,2-Dichloroethane-D4	101%		75-133%
2037-26-5	Toluene-D8	96%		79-125%
460-00-4	4-Bromofluorobenzene	96%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB014 13-15		
Lab Sample ID:	JE14670-22U	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	82.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216203U.D	1	07/14/25 17:17	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	4.9 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	2.5	0.50	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.5	0.53	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.5	0.62	ug/kg	
91-20-3	Naphthalene	ND	6.2	3.1	ug/kg	
103-65-1	n-Propylbenzene	ND	2.5	0.58	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.62	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.53	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		80-124%
17060-07-0	1,2-Dichloroethane-D4	84%		75-133%
2037-26-5	Toluene-D8	96%		79-125%
460-00-4	4-Bromofluorobenzene	106%		58-148%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Technical Report for

PW Grosser Consulting

ALE2501 - 60 Alexander Street, Yonkers, NY

ALE2501

SGS Job Number: JE14764R

Sampling Date: 07/08/25

Report to:

PW Grosser Consulting
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Bohemia, NY 11716
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Total number of pages in report: 7

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Victoria Pushkova 732-329-0200
Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Test results relate only to samples analyzed.

Sample Summary

PW Grosser Consulting

Job No: JE14764R

ALE2501 - 60 Alexander Street, Yonkers, NY
Project No: ALE2501

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
JE14764-4R	07/08/25	13:35	RD	07/08/25	SO	Soil	SB015 18-20

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Report of Analysis

Client Sample ID: SB015 18-20
Lab Sample ID: JE14764-4R
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/08/25
Date Received: 07/08/25
Percent Solids: 72.2

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P125260.D	1	07/11/25 17:12	RS	07/10/25 11:15	OP65238	E2P5631
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	92	23	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	28	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	39	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	82	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	230	170	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	230	49	ug/kg	
95-48-7	2-Methylphenol	ND	92	29	ug/kg	
	3&4-Methylphenol	158	92	38	ug/kg	
88-75-5	2-Nitrophenol	ND	230	30	ug/kg	
100-02-7	4-Nitrophenol	ND	460	120	ug/kg	
87-86-5	Pentachlorophenol	ND	180	43	ug/kg	
108-95-2	Phenol	ND	92	24	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	230	30	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	27	ug/kg	
83-32-9	Acenaphthene	604	46	16	ug/kg	
208-96-8	Acenaphthylene [a]	141	46	23	ug/kg	
98-86-2	Acetophenone	ND	230	9.9	ug/kg	
120-12-7	Anthracene	1070	46	28	ug/kg	
1912-24-9	Atrazine	ND	92	20	ug/kg	
56-55-3	Benzo(a)anthracene	1490	46	13	ug/kg	
50-32-8	Benzo(a)pyrene	1220	46	21	ug/kg	
205-99-2	Benzo(b)fluoranthene	1420	46	20	ug/kg	
191-24-2	Benzo(g,h,i)perylene	639	46	23	ug/kg	
207-08-9	Benzo(k)fluoranthene	395	46	21	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	92	18	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	92	11	ug/kg	
92-52-4	1,1'-Biphenyl	96.5	92	6.3	ug/kg	
100-52-7	Benzaldehyde	ND	230	11	ug/kg	
91-58-7	2-Chloronaphthalene	ND	92	11	ug/kg	
106-47-8	4-Chloroaniline	ND	230	17	ug/kg	
86-74-8	Carbazole	345	92	6.7	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB015 18-20		
Lab Sample ID:	JE14764-4R	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	72.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	92	18	ug/kg	
218-01-9	Chrysene	1330	46	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	92	9.8	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	92	20	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	92	17	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	92	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	46	14	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	46	23	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	92	38	ug/kg	
123-91-1	1,4-Dioxane	ND	46	30	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	190	46	20	ug/kg	
132-64-9	Dibenzofuran	402	92	19	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	92	7.5	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	92	11	ug/kg	
84-66-2	Diethyl phthalate	ND	92	9.8	ug/kg	
131-11-3	Dimethyl phthalate	ND	92	8.2	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	92	11	ug/kg	
206-44-0	Fluoranthene	3440	46	21	ug/kg	
86-73-7	Fluorene	611	46	21	ug/kg	
118-74-1	Hexachlorobenzene	ND	92	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	46	18	ug/kg	
77-47-4	Hexachlorocyclopentadiene [a]	ND	460	18	ug/kg	
67-72-1	Hexachloroethane	ND	230	23	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	538	46	22	ug/kg	
78-59-1	Isophorone	ND	92	9.8	ug/kg	
91-57-6	2-Methylnaphthalene	490	46	10	ug/kg	
88-74-4	2-Nitroaniline	ND	230	11	ug/kg	
99-09-2	3-Nitroaniline	ND	230	12	ug/kg	
100-01-6	4-Nitroaniline	ND	230	12	ug/kg	
91-20-3	Naphthalene	660	46	13	ug/kg	
98-95-3	Nitrobenzene	ND	92	18	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	92	13	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	17	ug/kg	
85-01-8	Phenanthrene	3950	46	15	ug/kg	
129-00-0	Pyrene	3400	46	15	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	230	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	58%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB015 18-20		
Lab Sample ID:	JE14764-4R	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	72.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	57%		10-96%
118-79-6	2,4,6-Tribromophenol	65%		10-123%
4165-60-0	Nitrobenzene-d5	57%		10-109%
321-60-8	2-Fluorobiphenyl	70%		11-109%
1718-51-0	Terphenyl-d14	66%		10-120%

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB015 18-20
Lab Sample ID: JE14764-4R
Matrix: SO - Soil
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

Date Sampled: 07/08/25
Date Received: 07/08/25
Percent Solids: 72.2

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	8200	69	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [3]	SW846 3050B [4]
Antimony	< 2.8	2.8	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	8.8	2.8	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Barium	108	28	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [3]	SW846 3050B [4]
Beryllium	0.34	0.28	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [3]	SW846 3050B [4]
Cadmium	< 0.69	0.69	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Calcium	4560	690	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [3]	SW846 3050B [4]
Chromium	16.5	1.4	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	< 6.9	6.9	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Copper	155	3.4	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Iron	16600	69	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [3]	SW846 3050B [4]
Lead	1090	2.8	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	2510	690	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [3]	SW846 3050B [4]
Manganese	180	2.1	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Mercury	5.7	0.37	mg/kg	10	07/30/25	07/30/25	CM	SW846 7471B [1]	SW846 7471B [5]
Nickel	13.3	5.5	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 1400	1400	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [3]	SW846 3050B [4]
Selenium	< 2.8	2.8	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Silver	< 0.69	0.69	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 1400	1400	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [3]	SW846 3050B [4]
Thallium	< 1.4	1.4	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	22.5	6.9	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Zinc	181	6.9	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA59047
(2) Instrument QC Batch: MA59051
(3) Instrument QC Batch: MA59062
(4) Prep QC Batch: MP56210
(5) Prep QC Batch: MP56228

RL = Reporting Limit

APPENDIX D

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Groundwater Monitoring Well Development Log

SITE INFORMATION

Site/Project Number:	ALE2501		
Development Point:	MW001	Developed By:	Robert D'Albora
Date Developed:	7/09/25	Well Diameter (inches):	2
Depth to Water (feet):	10	Total Well Depth (feet):	17

DEVELOPMENT INFORMATION

Purge Method:	Submersible Pump	Purge Time (min):	10
Purge Rate (gpm):	see below	Gallons Purged:	10

DEVELOPMENT PARAMETERS

Casing Volumes	Time	Flow Rate (gpm)	pH	Cond. (µS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)	ORP mV	Temp (ºC)
	1:16	1	5.89		836	2.61		128	32.25
	1:18	1	6.29		825	2.66		132	32.39
	1:19	1	6.13		803	2.62		138	32.50

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Groundwater Monitoring Well Development Log

SITE INFORMATION

Site/Project Number:	ALE 2501		
Development Point:	MW002	Developed By:	Robert P'Albua
Date Developed:	7/09/25	Well Diameter (inches):	2
Depth to Water (feet):	10	Total Well Depth (feet):	17

DEVELOPMENT INFORMATION

Purge Method:	Submersible Pump	Purge Time (min):	10
Purge Rate (gpm):	see below	Gallons Purged:	10

DEVELOPMENT PARAMETERS

Casing Volumes	Time	Flow Rate (gpm)	pH	Cond. (µS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)	ORP mV	Temp (ºC)
	13:21	}	6.42		788	2.64		144	32.47
	13:23	}	6.64		773	2.60		147	32.64

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Groundwater Monitoring Well Development Log

SITE INFORMATION

Site/Project Number:	ALE2501		
Development Point:	MW 003	**Developed By:**	Robert D'Albora
Date Developed:	7/09/25	**Well Diameter (inches):**	2
Depth to Water (feet):	13	**Total Well Depth (feet):**	20

DEVELOPMENT INFORMATION

Purge Method:	Submersible Pump	**Purge Time (min):**	10
Purge Rate (gpm):	see below	**Gallons Purged:**	~10

DEVELOPMENT PARAMETERS

Casing Volumes	Time	Flow Rate (gpm)	pH	Cond. (µS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)	ORP mV	Temp (ºC)
	14:12	1	6.68		750	2.42		173	33.12
	14:16	1	6.67		760	2.52		164	33.24
	14:18	1	6.70		754	2.47		163	33.18

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Groundwater Monitoring Well Development Log

SITE INFORMATION

Site/Project Number:	ALE2501		
Development Point:	MW004	**Developed By:**	Robert D'Albora
Date Developed:	7/09/25	**Well Diameter (inches):**	2
Depth to Water (feet):	12	**Total Well Depth (feet):**	19

DEVELOPMENT INFORMATION

Purge Method:	Submersible Pump	**Purge Time (min):**	10
Purge Rate (gpm):	see below	**Gallons Purged:**	10

DEVELOPMENT PARAMETERS

Casing Volumes	Time	Flow Rate (gpm)	pH	Cond. (µS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)	ORP mV	Temp (ºC)
	13:38	1	6.52		792	2.63		147	33.22
	13:40	1	5.81		821	2.31		171	33.26
	13:41	1	6.32		770	2.22		167	33.12

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Groundwater Monitoring Well Development Log

SITE INFORMATION

Site/Project Number:	ALE2501		
Development Point:	MW005	Developed By:	Robert O'Albom
Date Developed:	7/09/25	Well Diameter (inches):	2
Depth to Water (feet):	12	Total Well Depth (feet):	19

DEVELOPMENT INFORMATION

Purge Method:	Submersible Pump	Purge Time (min):	10
Purge Rate (gpm):	see below	Gallons Purged:	10

DEVELOPMENT PARAMETERS

Casing Volumes	Time	Flow Rate (gpm)	pH	Cond. (µS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)	ORP mV	Temp (ºC)
	13:46	1	6.42		757	2.32		173	33.13
	13:50	1	6.49		742	2.42		182	33.29
	13:51	1	6.44		734	2.46		184	33.15

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Groundwater Monitoring Well Development Log

SITE INFORMATION

Site/Project Number:	ALE 2501		
Development Point:	MW 006	**Developed By:**	Robert P Albury
Date Developed:	7/09/25	**Well Diameter (inches):**	2
Depth to Water (feet):	12	**Total Well Depth (feet):**	19

DEVELOPMENT INFORMATION

Purge Method:	Submersible Pump	**Purge Time (min):**	15
Purge Rate (gpm):	see below	**Gallons Purged:**	15

DEVELOPMENT PARAMETERS

Casing Volumes	Time	Flow Rate (gpm)	pH	Cond. (µS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)	ORP mV	Temp (ºC)
	12:33	1	6.11		598	2.14		166	28.52
	12:35	1	6.22		570	2.24		164	28.55
	12:40	1	6.28		565	2.37		167	28.74
	12:41	1	6.24		536	2.44		161	28.65

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Groundwater Monitoring Well Development Log

SITE INFORMATION

Site/Project Number:	ALE2501		
Development Point:	MW007	**Developed By:**	Robert D'Albora
Date Developed:	7/09/25	**Well Diameter (inches):**	2
Depth to Water (feet):	13	**Total Well Depth (feet):**	20

DEVELOPMENT INFORMATION

Purge Method:	Submersible Pump	**Purge Time (min):**	15
Purge Rate (gpm):	see below	**Gallons Purged:**	15

DEVELOPMENT PARAMETERS

Casing Volumes	Time	Flow Rate (gpm)	pH	Cond. (µS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)	ORP mV	Temp (ºC)
	12:10	1	7.23		349	0.91		144	27.93
	12:14	1	6.37		362	1.18		176	27.98
	12:17	1	6.98		441	1.39		152	28.15
	12:18	1	6.58		419	1.849		159	28.20

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Groundwater Monitoring Well Development Log

SITE INFORMATION

Site/Project Number:	ALE2501		
Development Point:	MW008	Developed By:	Robert O'Albom
Date Developed:	7/09/25	Well Diameter (inches):	2
Depth to Water (feet):	12	Total Well Depth (feet):	19

DEVELOPMENT INFORMATION

Purge Method:	Submersible Pump	Purge Time (min):	10
Purge Rate (gpm):	see below	Gallons Purged:	10

DEVELOPMENT PARAMETERS

Casing Volumes	Time	Flow Rate (gpm)	pH	Cond. (µS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)	ORP mV	Temp (ºC)
	13:55	1	6.52		731	2.46		185	33.20
	13:56	1	6.51		699	2.51		184	33.28
	13:57	1	6.56		693	2.47		184	33.28

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Groundwater Monitoring Well Development Log

SITE INFORMATION

Site/Project Number:	ALE2501		
Development Point:	MW009	Developed By:	Robert P'Alberes
Date Developed:	7/09/25	Well Diameter (inches):	2
Depth to Water (feet):	12	Total Well Depth (feet):	19

DEVELOPMENT INFORMATION

Purge Method:	Submersible Pump	Purge Time (min):	16
Purge Rate (gpm):	see below	Gallons Purged:	10

DEVELOPMENT PARAMETERS

Casing Volumes	Time	Flow Rate (gpm)	pH	Cond. (µS/cm)	Turbidity (NTU)	DO (mg/L)	TDS (g/L)	ORP mV	Temp (ºC)
	14:03	1	6.59		765	2.60		178	33.33
	14:05	1	6.55		750	2.58		176	33.25
	14:06	1	6.54		763	2.60		173	33.19

APPENDIX E

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Groundwater Monitoring Well Sampling Log

SITE INFORMATION

Site/Project Number:			
Sampling Point:	MW01	Sampled By:	RD
Date Sampled:	7/30/25	Time Sampled:	10:23
Depth to Water (feet):	8.68	Total Well Depth (feet):	18.42
Well Diameter (inches):	2	Headspace (ppm):	

SAMPLING INFORMATION

Purge Method:	Peri ~~grundfos~~ pump	Sample Method:	~~grundfos pump~~
Purge Rate (gpm):	see below	Purge Time (min):	see below
Sample Appearance:	clear	Odors Observed:	NO
Analysis:		Laboratory:	
Date Shipped:		Shipping Method:	

SAMPLING PARAMETERS

Reading	Flow Rate (mL/min)	Time	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
1	250	9:43	21.74	6.70	183	-111	1.51	2.30
2		9:48	22.11	6.68	179	-106	1.49	3.28
3		9:53	22.14	6.70	133	-105	1.48	4.21
4		9:58	22.26	6.71	40.7	-108	1.48	4.96
5		10:03	22.29	6.71	12.4	-113	1.48	5.46
6		10:08	22.27	6.71	7.1	-115	1.49	5.20
7		10:13	22.43	6.70	6.1	-115	1.46	4.89
8		10:18	22.55	6.69	12.9	-114	1.46	4.80
		10:23	22.46	6.72	15.2	-115	1.45	1.62

(Take readings every three minutes.)

Notes:

Flow Rate - between 200 - 250 mL/min
pH - ±0.1
Conductivity - ±3%
ORP - ±10 mV
DO - ±10%
Turbidity - ±10%

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Groundwater Monitoring Well Sampling Log

SITE INFORMATION

Site/Project Number:	A/E250		
Sampling Point:	MW002	Sampled By:	RD
Date Sampled:	7/30/25	Time Sampled:	9:28
Depth to Water (feet):	8.58	Total Well Depth (feet):	17.97
Well Diameter (inches):	2	Headspace (ppm):	

SAMPLING INFORMATION

Purge Method:	peristaltic pump ~~grundfos pump~~	Sample Method:	~~grundfos pump~~
Purge Rate (gpm):	see below	Purge Time (min):	see below
Sample Appearance:	~~slight~~ clear	Odors Observed:	yes
Analysis:		Laboratory:	
Date Shipped:		Shipping Method:	

SAMPLING PARAMETERS

Reading	Flow Rate (mL/min)	Time	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
1	250	8:48	21.85	6.56	807	-80	1.64	7.40
2		8:53	20.91	6.66	425	-95	1.57	7.20
3		8:58	20.72	6.70	201	-103	1.54	6.67
4		9:03	20.68	6.72	108	-109	1.51	6.90
5		9:08	20.79	6.73	89.4	-116	1.46	2.04
6		9:13	20.63	6.75	56.9	-115	1.43	2.15
7		9:18	20.65	6.75	49.8	-121	1.38	0.92
8		9:23	20.54	6.75	35.1	-121	1.36	7.11
		9:28	20.61	6.75	29.8	-124	1.34	6.48

(Take readings every three minutes.)

Notes:

Flow Rate - between 200 - 250 mL/min
pH - ±0.1
Conductivity - ±3%
ORP - ±10 mV
DO - ±10%
Turbidity - ±10%

Groundwater Monitoring Well Sampling Log

SITE INFORMATION

Site/Project Number:			
Sampling Point:	MW003	Sampled By:	RD
Date Sampled:	7/30/25	Time Sampled:	13:09
Depth to Water (feet):	12.34	Total Well Depth (feet):	19.93
Well Diameter (inches):	2	Headspace (ppm):	

SAMPLING INFORMATION

Purge Method:	peri ~~grundfos~~ pump	Sample Method:	~~grundfos pump~~
Purge Rate (gpm):	see below	Purge Time (min):	see below
Sample Appearance:	clear	Odors Observed:	none
Analysis:		Laboratory:	
Date Shipped:		Shipping Method:	

SAMPLING PARAMETERS

Reading	Flow Rate (mL/min)	Time	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
1	250	12:49	24.62	6.71	63.6	-84	0.651	0.47
2		12:54	22.85	6.63	26.5	-73	0.669	0.48
3		12:59	22.46	6.66	15.8	-79	0.680	0.53
4		13:04	22.48	6.67	13.8	-82	0.693	0.52
5		13:09	22.34	6.72	12.5	-93	0.689	0.48
6								
7								
8								

(Take readings every three minutes.)

Notes:

Flow Rate - between 200 - 250 mL/min

pH - ±0.1

Conductivity - ±3%

ORP - ±10 mV

DO - ±10%

Turbidity - ±10%

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Groundwater Monitoring Well Sampling Log

SITE INFORMATION

Site/Project Number:			
Sampling Point:	MW 004	**Sampled By:**	RD
Date Sampled:	7/30/25	**Time Sampled:**	11:20
Depth to Water (feet):	11.29	**Total Well Depth (feet):**	19.28
Well Diameter (inches):	2	**Headspace (ppm):**	

SAMPLING INFORMATION

Purge Method:	peri ~~grundfos~~ pump	**Sample Method:**	~~grundfos pump~~
Purge Rate (gpm):	see below	**Purge Time (min):**	see below
Sample Appearance:	clear	**Odors Observed:**	none
Analysis:		**Laboratory:**	
Date Shipped:		**Shipping Method:**	

SAMPLING PARAMETERS

Reading	Flow Rate (mL/min)	Time	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
1	250	10:35	22.64	6.68	95.3	-112	1.29	2.91
2		10:40	22.23	6.60	229	-111	1.07	0.60
3		10:45	22.15	6.55	95.4	-120	1.06	0.25
4		10:50	21.68	6.56	83.3	-121	1.06	0.25
5		10:55	20.68	6.59	35.0	-127	1.06	0.27
6		11:00	20.72	6.59	28.5	-127	1.06	0.23
7		11:05	20.62	6.60	25.8	-128	1.06	0.22
8		11:10	20.23	6.60	21.4	-127	1.07	0.24
		11:15	20.13	6.59	20.0	-126	1.07	0.24
		11:20	20.06	6.61	19.4	-126	1.07	0.28

(Take readings every three minutes.)

Notes:

Flow Rate - between 200 - 250 mL/min
pH - ±0.1
Conductivity - ±3%
ORP - ±10 mV
DO - ±10%
Turbidity - ±10%

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Groundwater Monitoring Well Sampling Log

SITE INFORMATION

e/Project Number:			
mpling Point:	MW005	Sampled By:	RD
te Sampled:	7/30/25	Time Sampled:	12:07
epth to Water (feet):	10.52	Total Well Depth (feet):	17.56
ell Diameter (inches):	2	Headspace (ppm):	

SAMPLING INFORMATION

urge Method:	peri ~~grundfos~~ pump	Sample Method:	~~grundfos~~ pump
urge Rate (gpm):	see below	Purge Time (min):	see below
ample Appearance:	clear	Odors Observed:	none
nalysis:		Laboratory:	
ate Shipped:		Shipping Method:	

SAMPLING PARAMETERS

Reading	Flow Rate (mL/min)	Time	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
1	200	11:44	22.60	6.64	66.9	-104	1.27	0.51
2	|	11:49	22.77	6.64	58.0	-112	1.27	0.42
3	|	11:54	23.12	6.64	27.4	-126	1.26	0.29
4	|	11:59	23.14	6.65	22.7	-129	1.25	0.28
5	|	12:04	23.05	6.65	27.5	-132	1.24	0.26
6								
7								
8								

(Take readings every three minutes.)

Notes:

Flow Rate - between 200 - 250 mL/min
pH - ±0.1
Conductivity - ±3%
ORP - ±10 mV
DO - ±10%
Turbidity - ±10%

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Groundwater Monitoring Well Sampling Log

SITE INFORMATION

Site/Project Number:			
Sampling Point:	MW 006	Sampled By:	RD
Date Sampled:	7/30/25	Time Sampled:	16:04
Depth to Water (feet):	8.70	Total Well Depth (feet):	20.10
Well Diameter (inches):	2	Headspace (ppm):	

SAMPLING INFORMATION

Purge Method:	peri ~~grundfos~~ pump	Sample Method:	grundfos pump
Purge Rate (gpm):	see below	Purge Time (min):	see below
Sample Appearance:	clear	Odors Observed:	none
Analysis:		Laboratory:	
Date Shipped:		Shipping Method:	

SAMPLING PARAMETERS

Reading	Flow Rate (mL/min)	Time	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
1	200	15:24	21.79	6.78	1000	-107	1.01	1.27
2		15:29	21.08	6.80	1000	-120	0.760	1.29
3		15:34	21.64	6.86	285	-129	0.599	1.28
4		15:39	21.81	6.89	115	-134	0.585	1.24
5		15:44	22.06	6.89	66.1	-134	0.576	1.18
6		15:49	22.06	6.89	58.6	-134	0.574	1.28
7		15:54	22.02	6.88	43.9	-134	0.570	1.49
8		15:59	21.99	6.88	41.5	-132	0.569	1.54
		16:04	22.10	6.86	36.7	-130	0.570	1.78

(Take readings every three minutes.)

Notes:

Flow Rate - between 200 - 250 mL/min
pH - ±0.1
Conductivity - ±3%
ORP - ±10 mV
DO - ±10%
Turbidity - ±10%

Groundwater Monitoring Well Sampling Log

SITE INFORMATION

Site/Project Number:		Sampled By:	RD
Sampling Point:	MW007	Time Sampled:	16:45
Date Sampled:	7/30/25	Total Well Depth (feet):	20.25
Depth to Water (feet):	9.97	Headspace (ppm):	
Well Diameter (inches):	2		

SAMPLING INFORMATION

Purge Method:	peri ~~grundfos~~ pump	Sample Method:	grundfos pump
Purge Rate (gpm):	see below	Purge Time (min):	see below
Sample Appearance:	clear	Odors Observed:	none
Analysis:		Laboratory:	
Date Shipped:		Shipping Method:	

SAMPLING PARAMETERS

Reading	Flow Rate (mL/min)	Time	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
1	250	16:25	22.75	6.66	138	-71	0.815	0.42
2		16:30	22.18	6.64	45.3	-97	0.768	0.37
3		16:35	22.10	6.65	44.4	-102	0.767	0.38
4		16:40	22.13	6.66	36.0	-109	0.767	0.38
5		16:45	22.04	6.67	29.8	-115	0.765	0.36
6								
7								
8								

(Take readings every three minutes.)

Notes:

Flow Rate - between 200 - 250 mL/min
pH - ±0.1
Conductivity - ±3%
ORP - ±10 mV
DO - ±10%
Turbidity - ±10%

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Strategic Environmental Engineering Solutions

Groundwater Monitoring Well Sampling Log

SITE INFORMATION

Site/Project Number:			
Sampling Point:	MW008	Sampled By:	RD
Date Sampled:	7/30/25	Time Sampled:	13:53
Depth to Water (feet):	11.30	Total Well Depth (feet):	19.47
Well Diameter (inches):	2	Headspace (ppm):	

SAMPLING INFORMATION

Purge Method:	Peri ~~grundfos~~ pump	Sample Method:	~~grundfos pump~~
Purge Rate (gpm):	see below	Purge Time (min):	see below
Sample Appearance:	clear	Odors Observed:	yes
Analysis:		Laboratory:	
Date Shipped:		Shipping Method:	

SAMPLING PARAMETERS

Reading	Flow Rate (mL/min)	Time	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
1	200	13:33	20.59	6.66	72.7	-96	0.837	6.90
2	|	13:38	20.59	6.59	34.1	-95	0.828	7.12
3	|	13:43	20.54	6.60	23.6	-97	0.827	6.57
4	|	13:48	20.54	6.62	30.8	-95	0.829	6.14
5	|	13:53	20.54	6.65	24.5	-100	0.829	5.89
6								
7								
8								

(Take readings every three minutes.)

Notes:

Flow Rate - between 200 - 250 mL/min
pH - ±0.1
Conductivity - ±3%
ORP - ±10 mV
DO - ±10%
Turbidity - ±10%

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Groundwater Monitoring Well Sampling Log

SITE INFORMATION

Site/Project Number:			
Sampling Point:	MW009	Sampled By:	RD
Date Sampled:	7/31/25	Time Sampled:	16:03
Depth to Water (feet):	10.34	Total Well Depth (feet):	20.00
Well Diameter (inches):	2	Headspace (ppm):	

SAMPLING INFORMATION

Purge Method:	peri ~~grundfos pump~~	Sample Method:	~~grundfos pump~~
Purge Rate (gpm):	see below	Purge Time (min):	see below
Sample Appearance:	clear	Odors Observed:	Yes
Analysis:		Laboratory:	
Date Shipped:		Shipping Method:	

SAMPLING PARAMETERS

Reading	Flow Rate (mL/min)	Time	Temp. (ºC)	pH	Turbidity NTU	ORP mV	Cond. (mS/cm)	DO mg/L
1	200	14:23	22.09	6.47	371	-90	1.20	0.68
2		14:28	21.02	6.51	600	-106	1.08	0.29
3		14:33	21.02	6.74	375	-128	0.762	0.30
4		14:38	20.97	6.85	186	-140	0.733	0.31
5		14:43	20.78	6.89	74.4	-146	0.727	0.33
6		14:48	20.67	6.91	54.0	-149	0.725	0.33
7		14:53	20.73	6.91	46.7	-149	0.725	0.33
8		14:58	20.58	6.91	48.4	-148	0.726	0.34
		15:03	20.57	6.90	43.4	-146	0.733	0.36

(Take readings every three minutes.)

Notes:

Flow Rate - between 200 - 250 mL/min
pH - ±0.1
Conductivity - ±3%
ORP - ±10 mV
DO - ±10%
Turbidity - ±10%

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APPENDIX F

PWGC	DATE:	7/7/25	DAY:	Monday
	REPORT NO.	04	ON-SITE:	07:00
	PAGE NO.	Page 1 of 2	OFF-SITE:	17:00
	PWGC PROJECT NO.	ALE2501		

DAILY FIELD ACTIVITY REPORT	
PROJECT:	60 Alexander Street (BCP Site ID: C360223)
LOCATION:	60 Alexander Street, Yonkers, New York 10701
WEATHER:	Cloudy, 75-87° F, Wind southt-southwest 6-12mph
SITE SAFETY OFFICER:	Robert D'Albora
ATTACHMENTS:	RIWP Figures, CAMP Readings

SUMMARY OF SITE ACTIVITIES

- Coastal Environmental onsite to perform Remedial Investation borings (see attached Figures from the RIWP). Health and safety project kickoff meeting conducted by PWGC prior to the start of work.
- Soil Borings SB014 (2'-4', 13'-15', 18'-20'), SB016 (4'-6', 13'-15', 18'-20'), SB017 (8'-10', 13'-15', 18'-20' 21-23'), SB018 (4'-10', 13'-15', 18-20'), SB019 (2'-4', 13'-15' 18'-20'), SB020 (0'-2', 13'-15', 18'-20'), and SB021 (6'-8', 13'-15', 18'-20') were completed. Samples were collected and submitted for laboratory analysis in accordance with the RIWP.
- CAMP was performed using a datalogging instrument for fugitive dust and volatile organic compounds. This data was collected continuously and is presented as a 15 minute time weighted average. In addition, a hand held PID and dust meter were utilized to monitor VOC and dust levels in the work zone.
- No visual or olfactory evidence of dust or VOCs were observed during the day and no elevated readings were recorded. CAMP data in graphical format is also attached.

PREPARED BY	**REVIEWED BY**
PRINT NAME: Zeb Youngman	PRINT NAME: Jennifer Lewis

PWGC	DATE:	7/7/25	DAY:	Monday
	REPORT NO.	04	ON-SITE:	07:00
	PAGE NO.	Page 2 of 2	OFF-SITE:	17:00
	PWGC PROJECT NO.	ALE2501		

PHOTO LOG

View of datalogging CAMP Station.

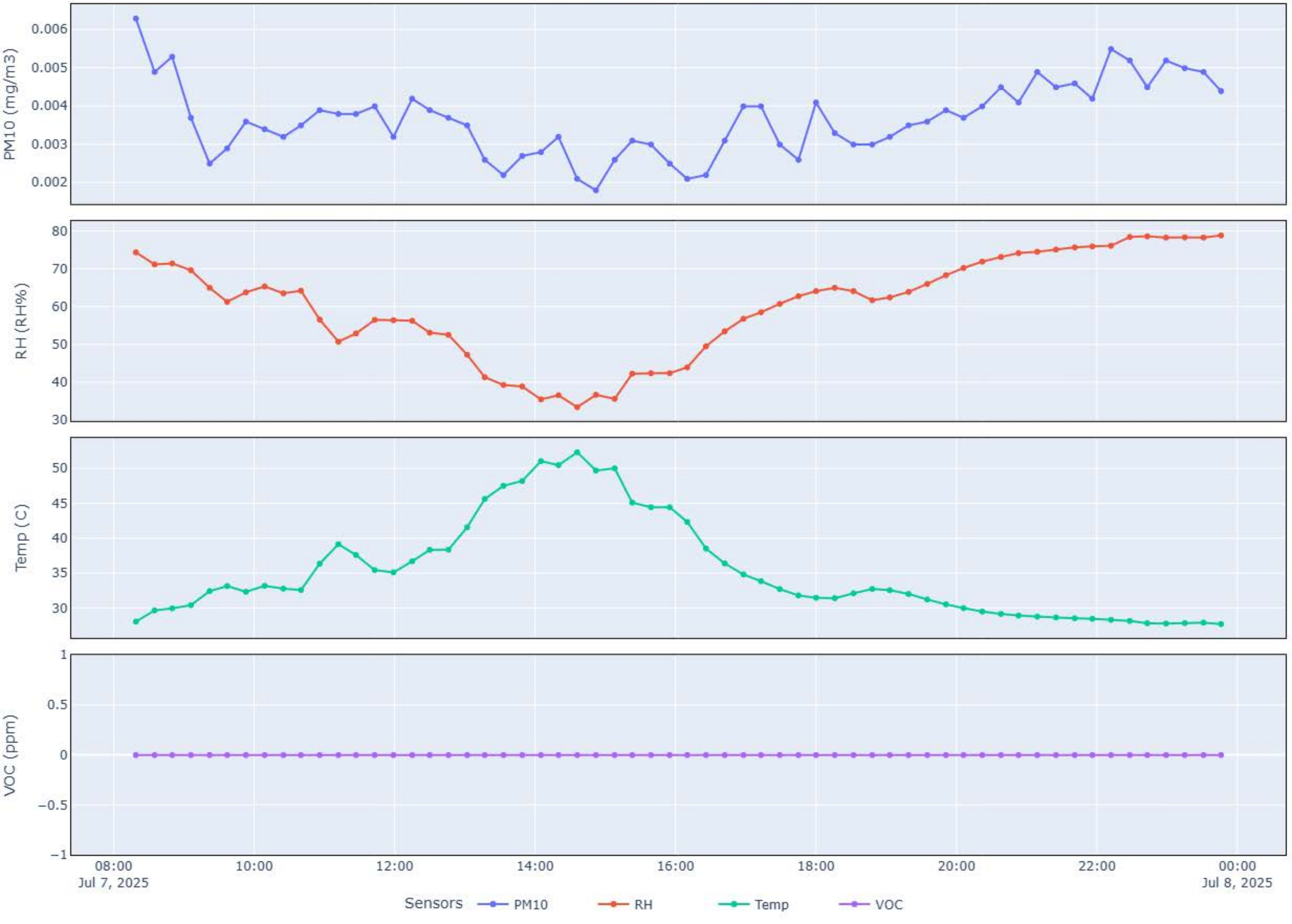
View soil boring being completed at SB018 location.

View of site facing north east.

View of soil cores.

View of existing montoring well MW-1 that is inaccessible and will need to be reinstalled.

Graph of Alexander_St_2
Between 2025-07-07 and 2025-07-07



Graph of Alexander_St_1
Between 2025-07-07 and 2025-07-07

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DRAWING INFORMATION:

Project:	ALE2501	Designed by:	JL
Date:	1/20/2025	Drawn by:	KM
Scale:	AS SHOWN	Approved by:	JL

PROPOSED SOIL BORING SAMPLING LOCATIONS

60 ALEXANDER ST
YONKERS, NY

FIGURE NO:

5

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PROPOSED GROUNDWATER SAMPLING LOCATIONS

60 ALEXANDER ST
YONKERS, NY

FIGURE NO:

6

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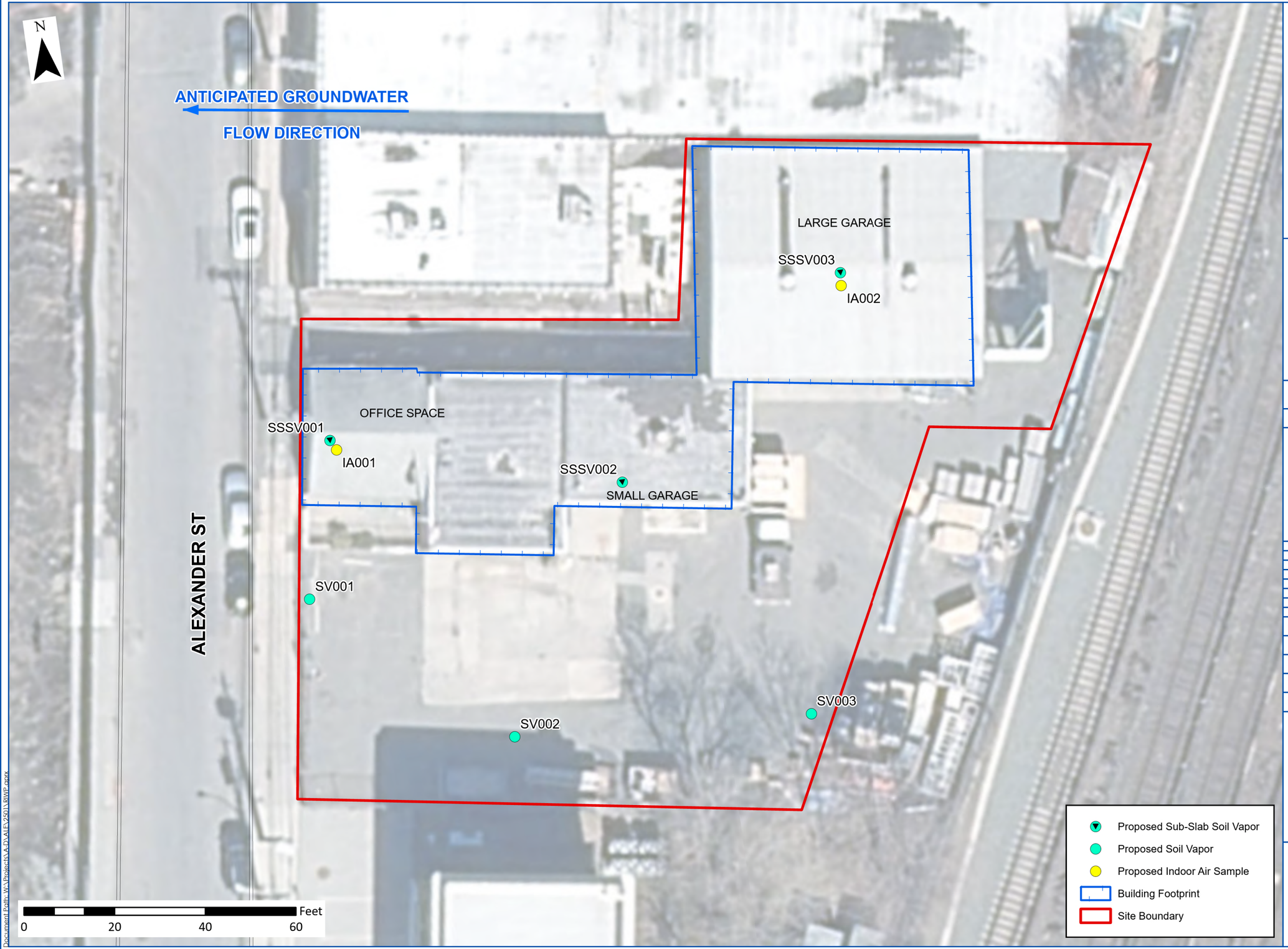

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Date:	1/22/2025	Drawn by:	KM
Scale:	AS SHOWN	Approved by:	JL

PROPOSED SOIL VAPOR SAMPLING LOCATIONS

60 ALEXANDER ST
YONKERS, NY

FIGURE NO:

7

PWGC	DATE:	07/08/25	DAY:	Tuesday
	REPORT NO.	05	ON-SITE:	06:50
	PAGE NO.	Page 1 of 2	OFF-SITE:	15:45
	PWGC PROJECT NO.	ALE2501		

DAILY FIELD ACTIVITY REPORT	
PROJECT:	60 Alexander Street (BCP Site ID: C360223)
LOCATION:	60 Alexander Street, Yonkers, New York 10701
WEATHER:	Sunny, 75-94° F, Wind: west 4-11mph
SITE SAFETY OFFICER:	Robert D'Albora
ATTACHMENTS:	RIWP Figures, CAMP Readings

SUMMARY OF SITE ACTIVITIES

- Coastal Environmental Solutions onsite to perform sampling in accordance with RIWP (see attached Figures).
- Borings SB013 and SB015 were completed to depth of 20'bgs. Groundwater wells were installed at MW001, MW002, MW003, MW004, and MW005. Soil vapor points installed at SV001, SV002, SV003, SSSV001, SSSV002, and SSSV003.
- SB017 21-23, SB015 6-8, SB015 13-15, SB015 18-20, SB013 8-10, SB013 13-15, SB013 18-20, SB013 MS/MSD and DUP002 collected.
- CAMP set up upwind (W) and downwind (E). No exceedances were detected throughout the day.

Work expected for tomorrow:

- Collect remaining soil samples.
- Develop groundwater wells.
- Collect soil vapor samples.

PREPARED BY	**REVIEWED BY**
PRINT NAME: Robert D'Albora	PRINT NAME: Zeb Youngman

PWGC	DATE:	07/08/25	DAY:	Tuesday
	REPORT NO.	05	ON-SITE:	06:50
	PAGE NO.	Page 2 of 2	OFF-SITE:	15:45
	PWGC PROJECT NO.	ALE2501		

PHOTO LOG

View of SV001 installed.

View of drill rig at the MW005 Location.

View of marker for a soil boring and groundwater location.

View of site facing west.

Graph of Alexander_St_2
Between 2025-07-08 and 2025-07-08

PM10 (mg/m3)
RH (RH%)
Temp (C)
VOC (ppm)
Jul 8, 2025
Sensors
PM10
RH
Temp
VOC

Graph of Alexander_St_1
Between 2025-07-08 and 2025-07-08

PM10 (mg/m3)
0.03
0.02
0.01

RH (RH%)
80
70
60
50
40

Temp (C)
50
40
30

VOC (ppm)
1
0.5
0
−0.5
−1

00:00
Jul 8, 2025
02:00
04:00
06:00
08:00
10:00
12:00
14:00
16:00

Sensors PM10 RH Temp VOC

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Date:	1/20/2025	Drawn by:	KM
Scale:	AS SHOWN	Approved by:	JL

PROPOSED SOIL BORING SAMPLING LOCATIONS

60 ALEXANDER ST
YONKERS, NY

FIGURE NO:

5

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PROPOSED GROUNDWATER SAMPLING LOCATIONS

60 ALEXANDER ST
YONKERS, NY

FIGURE NO:

6

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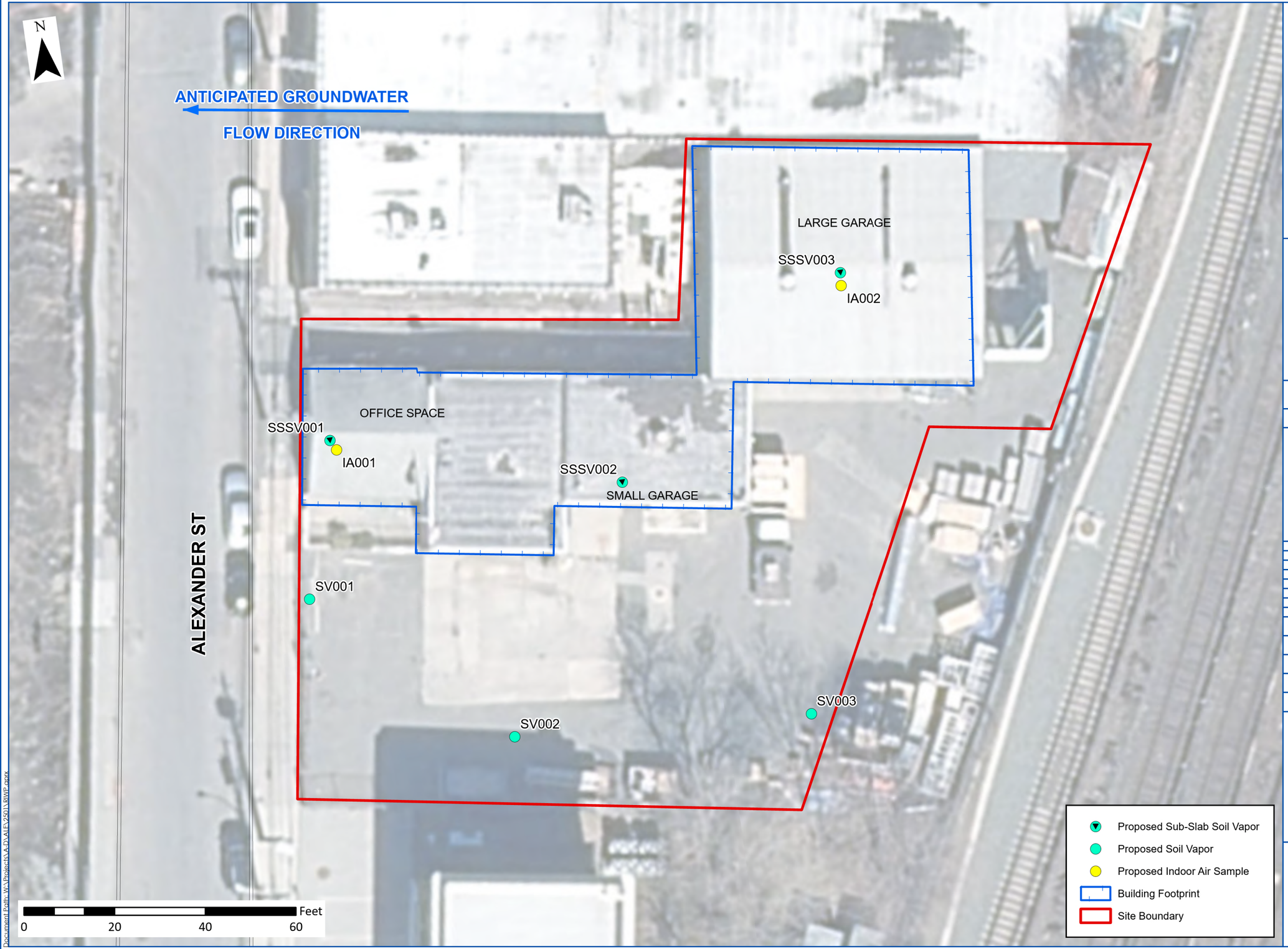

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DRAWING INFORMATION:

Project:	ALE2501	Designed by:	JL
Date:	1/22/2025	Drawn by:	KM
Scale:	AS SHOWN	Approved by:	JL

PROPOSED SOIL VAPOR SAMPLING LOCATIONS

60 ALEXANDER ST
YONKERS, NY

FIGURE NO:

7

PWGC	DATE:	07/09/25	DAY:	Wednesday
	REPORT NO.	06	ON-SITE:	06:50
	PAGE NO.	Page 1 of 2	OFF-SITE:	18:15
	PWGC PROJECT NO.	ALE2501		

DAILY FIELD ACTIVITY REPORT	
PROJECT:	60 Alexander Street (BCP Site ID: C360223)
LOCATION:	60 Alexander Street, Yonkers, New York 10701
WEATHER:	Sunny/ Cloudy, 73-92° F, Wind: west 4-10mph
SITE SAFETY OFFICER:	Robert D'Albora
ATTACHMENTS:	RIWP Figures, CAMP Readings

SUMMARY OF SITE ACTIVITIES

- Coastal Environmental Solutions onsite to perform soil borings and well installation the property (see attached Figures).
- Borings SB011, SB012, SB022 and SB023 were completed to depth of 20'bgs. Groundwater wells were installed at MW006, MW007, MW008 and MW009.
- SB011 6-8, SB011 13-15, SB012 2-4, SB012 13-15, SB012 18-20, SB022 6-8, SB022 13-15, SB022 18-20, SB023 4-6, SB023 13-15, and SB023 18-20 collected.
- SV001, SV002, SV003, SSSV001, SSSV002, SSSV003, IA001, IA002 and OA001 collected.
- MW001, MW002, MW003, MW004, MW005, MW006, MW007, MW008 and MW009 wells were developed.
- CAMP set up upwind (W) and downwind (E). No exceedances were detected throughout the day.

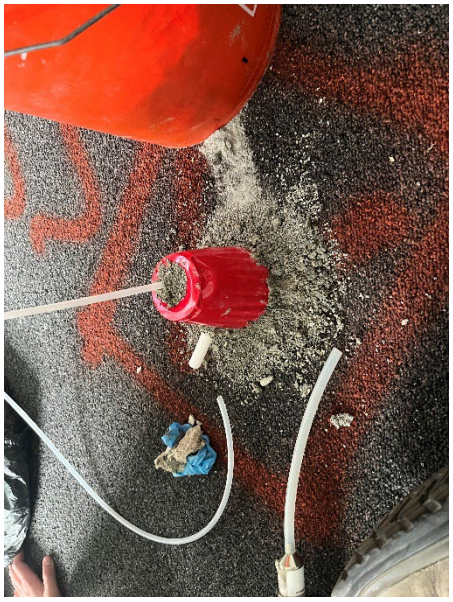
Work expected for next week:

- Collect groundwater samples.
- Recollect soil vapor and air samples as there was an issue with the flow controlers/regulators

PREPARED BY	**REVIEWED BY**
PRINT NAME: Robert D'Albora	PRINT NAME: Zeb Youngman

PWGC	DATE:	07/09/25	DAY:	Wednesday
	REPORT NO.	06	ON-SITE:	06:50
	PAGE NO.	Page 2 of 2	OFF-SITE:	18:15
	PWGC PROJECT NO.	ALE2501		

PHOTO LOG



View of SSSV001 installed.

View of upwind CAMP station.

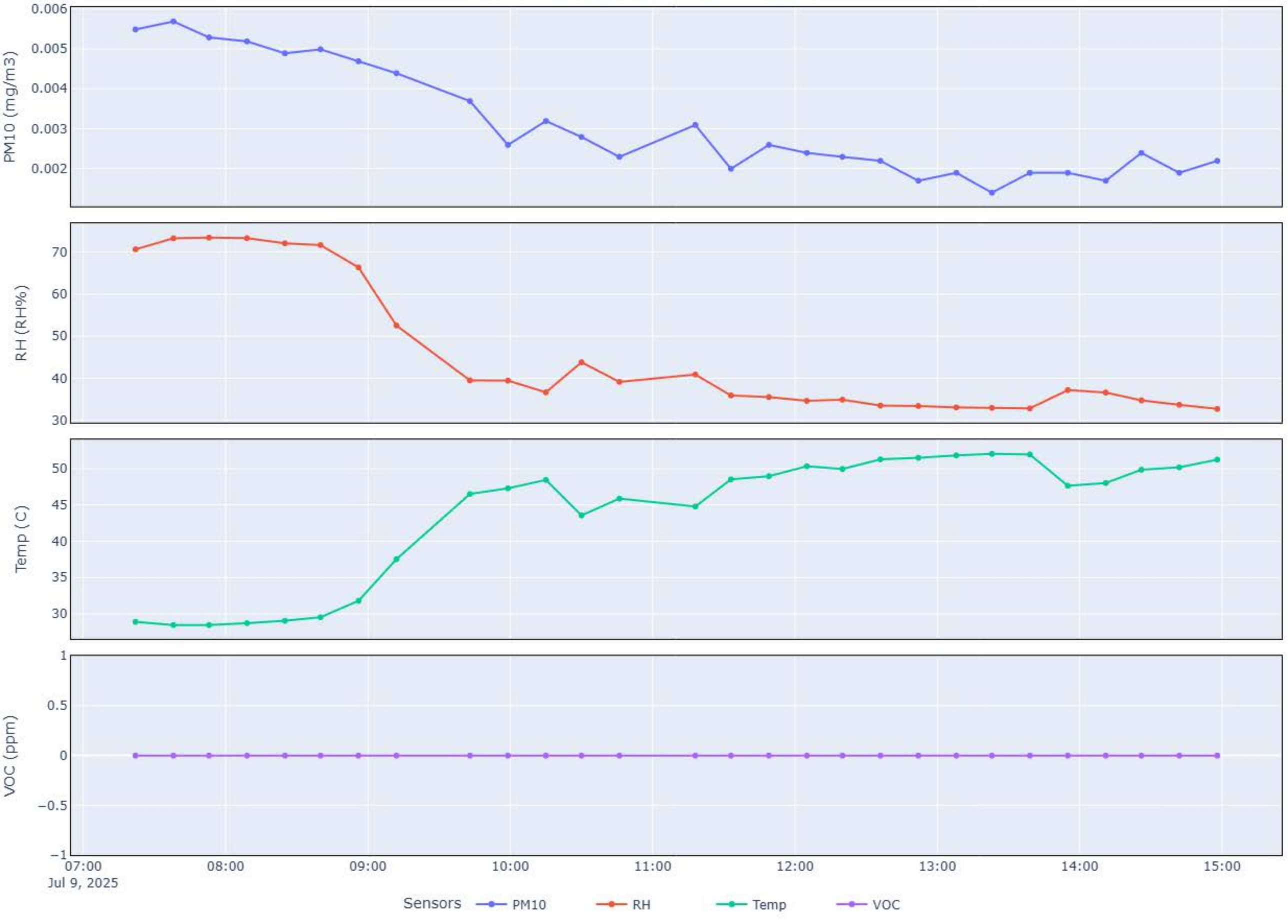
View of soil vapor cansiter collecting sample at SV003.

View of site facing west.

Graph of Alexander_St_1
Between 2025-07-09 and 2025-07-09

PM10 (mg/m3)
RH (RH%)
Temp (C)
VOC (ppm)
08:00
Jul 9, 2025
09:00
10:00
11:00
12:00
13:00
14:00
15:00
Sensors
PM10
RH
Temp
VOC

Graph of Alexander_St_2
Between 2025-07-09 and 2025-07-09



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Date:	1/20/2025	Drawn by:	KM
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PROPOSED SOIL BORING SAMPLING LOCATIONS

60 ALEXANDER ST
YONKERS, NY

FIGURE NO:

5

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Date:	1/22/2025	Drawn by:	KM
Scale:	AS SHOWN	Approved by:	JL

PROPOSED GROUNDWATER SAMPLING LOCATIONS

60 ALEXANDER ST
YONKERS, NY

FIGURE NO:

6

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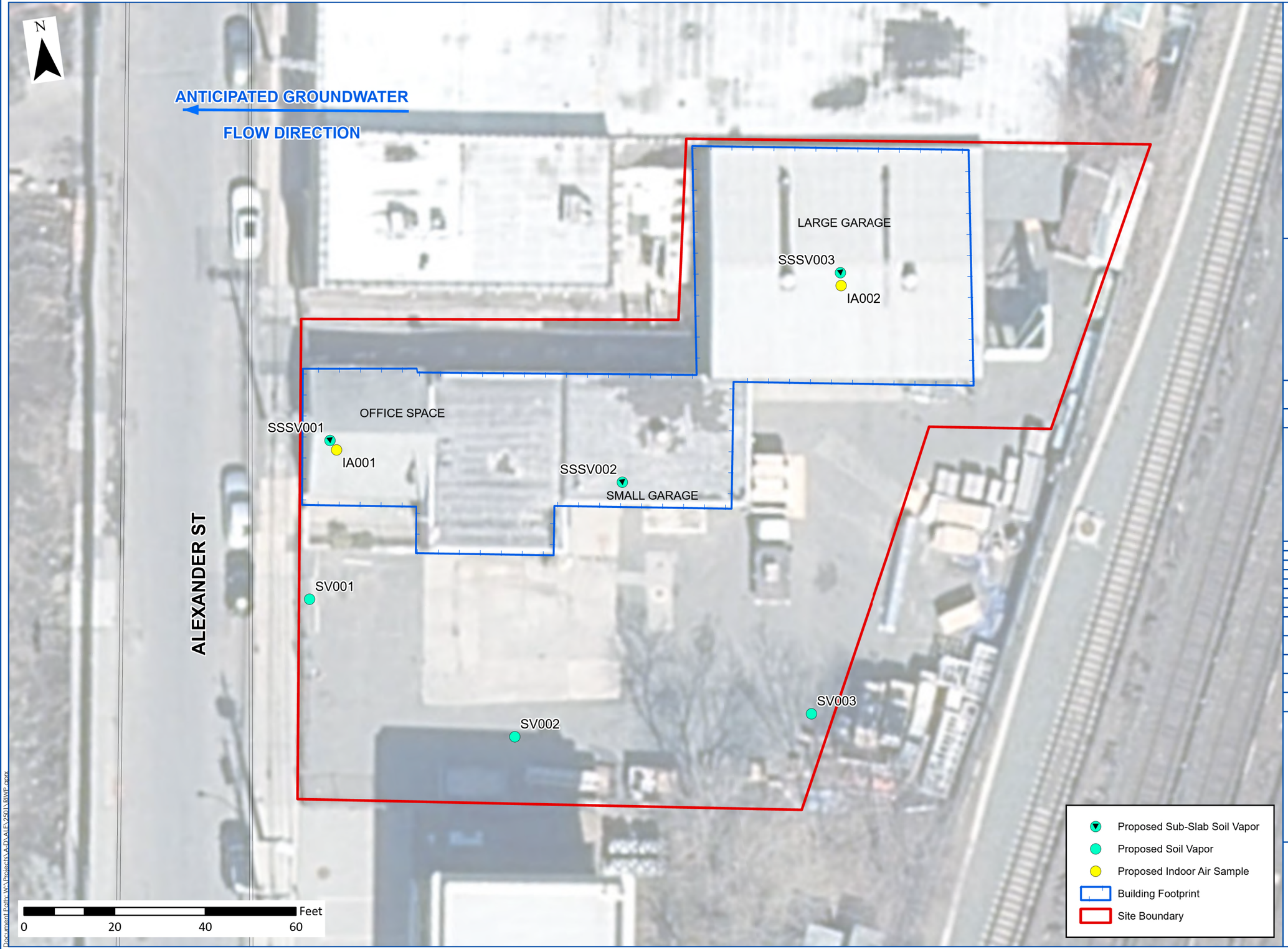

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DRAWING INFORMATION:

Project:	ALE2501	Designed by:	JL
Date:	1/22/2025	Drawn by:	KM
Scale:	AS SHOWN	Approved by:	JL

PROPOSED SOIL VAPOR SAMPLING LOCATIONS

60 ALEXANDER ST
YONKERS, NY

FIGURE NO:

7

PWGC	DATE:	07/30/25	DAY:	Wednesday
	REPORT NO.	07	ON-SITE:	06:50
	PAGE NO.	Page 1 of 2	OFF-SITE:	18:45
	PWGC PROJECT NO.	ALE2501		

DAILY FIELD ACTIVITY REPORT	
PROJECT:	60 Alexander Street (BCP Site ID: C360223)
LOCATION:	60 Alexander Street, Yonkers, New York 10701
WEATHER:	Sunny/ Cloudy, 77-97°F, Wind: west 3-6mph
SITE SAFETY OFFICER:	Robert D'Albora (Nick Gandolfo and Zeb Youngman also onsite)
ATTACHMENTS:	None

SUMMARY OF SITE ACTIVITIES

- Soil vapor, sub-slab soil vapor, indoor air, and outdoor aire samples collected using summa canisters with 8-hr regulators in accordance with the RIWP. Samples SV001, SV002, SV003, SSSV001, SSSV002, SSSV003, IA001, IA002 and OA001 collected.

- Groundwater sampling of nine onsite monitoring wells completed in accordance with the RIWP. Samples MW001, MW002, MW003, MW004, MW005, MW005 MS, MW005 MSD, MW006, MW007, MW008, MW009 and DUP001 were collected.

- All 9 wells were surveyed to determine relative groundwater elevation and flow direction.

PREPARED BY	**REVIEWED BY**
PRINT NAME: Robert D'Albora	PRINT NAME: Zeb Youngman

PWGC	DATE:	07/30/25	DAY:	Wednesday
	REPORT NO.	07	ON-SITE:	06:50
	PAGE NO.	Page 2 of 2	OFF-SITE:	18:45
	PWGC PROJECT NO.	ALE2501		

PHOTO LOG

View of MW009 being purged prior to sampling.

View of MW001 set up to start sampling.

View of site facing east.

View of garage building and southwest portion of Site.

Soil vapor and indoor air sample collection in garage.

APPENDIX G

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone	4. Waste Tracking Number
		631.727.2700	

GENERATOR

5. Generator's Name and Mailing Address
60 Alexander ST Development LLC
Yonkers N.Y
Generator's Phone:

Generator's Site Address (if different than mailing address)
PWEC
60 Alexander St
Yonkers

6. Transporter 1 Company Name
Eastern Environmental Solutions
U.S. EPA ID Number
NYR000135624

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clean Water N.Y.
3249 Richmond Terr
Staten Island N.Y
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON-HAZ NON RCRA Ground water	2x2	DM	900	PDS	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
442.002

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: Robert Walsh
Signature
Month 09 Day 22 Year 25

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Michael Kidd
Signature
Month 09 Day 22 Year 25

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Oliver Vilca
Signature
Month 10 Day 2 Year 25

APPENDIX H

LABORATORY DATA CONSULTANTS, INC.
2701 Loker Ave. West, Suite 220, Carlsbad, CA 92010 Bus: 760-827-1100 Fax: 760-827-1099

P.W. Grosser Consulting
630 Johnson Ave, Suite 7
Bohemia, NY 11716
ATTN: Mr. Zeb Youngman
zyoungman@pwgrosser.com

October 15, 2025

SUBJECT: 60 Alexander Street, Yonkers, NY - Data Validation

Dear Mr. Youngman,

Enclosed are the final validation reports for the fractions listed below. These SDGs were received on September 17, 2025. Attachment 1 is a summary of the samples that were reviewed for each analysis.

LDC Project #61609:

SDG #	Fraction
JE14670, JE14670R, JE14670U, JE14764, JE14764R, JE14764U, JE14894, JE14894R, JE14894U, JE16257, JE16257R, JE16259, JE16259R, JE16259T, JE14764T	VOC, SVOC, Pesticide, PCB, PFAS, Metals, Wet Chemistry, Naphthalene

The data validation was performed under Category B guidelines. The analysis was validated using the following documents, as applicable to each method:

- USEPA Region 2 Standard Operating Procedure for Validating Volatile Organic Compounds By Gas Chromatography/Mass Spectrometry, SOP HW-24, Revision 4 (October 2014)
- USEPA Region 2 Standard Operating Procedure for Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270E, SOP HW-22, Revision 5 (December 2010)
- USEPA Region 2 Standard Operating Procedure for Validating Pesticide Compounds, Organochlorine Pesticides by Gas Chromatography SW-846 Method 8081B, SOP HW-44, Revision 1.1 (December 2010)
- USEPA Region 2 Standard Operating Procedure for Validating PCB Compounds, PCBs by Gas Chromatography SW-846 Method 8082A, SOP HW-45, Revision 1 (October 2006)
- USEPA Region 2 Standard Operating Procedure for ICP-AES Data Validation, SOP No. HW-3a, ISM02.2, Revision 1 (September 2016)
- USEPA Region 2 Standard Operating Procedure for Mercury and Cyanide Data Validation, SOP No. HW-3c, ISM02.2, Revision 1 (September 2016)
- USEPA Region 2 Analysis of Volatile Organic Compounds in Air Contained Canisters, SOP HW-31, Revision 6 (September 2016))
- Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) under NYSDEC's Part 375 Remedial Programs (April 2023)
- USEPA National Functional Guidelines for Organic Superfund Methods Data Review, EPA 540-R-20-005 (November 2020)
- USEPA National Functional Guidelines for Inorganic Superfund Data Review, EPA 542-R-20-006 (November 2020)

Please feel free to contact us if you have any questions.

Sincerely,

Pei Geng
pgeng@lab-data.com
Project Manager/Senior Chemist

V:\LOGIN\PW Grosser\60 Alexander St_ALE2501\61609COV.doc

LDC #61609 (P.W. Grosser Consulting - Bohemia, NY / 60 Alexander Street, Yonkers, NY, ALE2501)

LDC	SDG#	Received Date	(21) Due Date	Validation Level	VOCs (TO-15)	Naphthalene (TO-15)	VOCs (8260D)		(16) VOCs (8260D)	(7) VOCs (8260D)
Matrix Type:					Air	Air	Soil	Water	Water	Soil
A	JE14670	9/17/25	10/8/25	Category B			1	0		
C	JE14670U	9/17/25	10/8/25	Category B						1
D	JE14764	9/17/25	10/8/25	Category B			1	0		
F	JE14764U	9/17/25	10/8/25	Category B						1
G	JE14894	9/17/25	10/8/25	Category B			1	0		
I	JE14894U	9/17/25	10/8/25	Category B						1
J	JE16257	9/17/25	10/8/25	Category B	2					
K	JE16257R	9/17/25	10/8/25	Category B		1				
L	JE16259	9/17/25	10/8/25	Category B			0	1		
M	JE16259R	9/17/25	10/8/25	Category B						
N	JE16259T	9/17/25	10/8/25	Category B					1	
Total			PM: SC		**2**	**1**	**3**	**1**	**1**	**3**

LDC	SDG#	Received Date	(21) Due Date	Validation Level	SVOCs (8270E)		1,4-Dioxane (8270E SIM)	(8) SVOCs (8270E SIM)	Pesticides (8081B)	
Matrix Type:					Soil	Water	Water	Water	Soil	Water
A	JE14670	9/17/25	10/8/25	Category B	1	0			1	0
D	JE14764	9/17/25	10/8/25	Category B	1	0			1	0
E	JE14764R	9/17/25	10/8/25	Category B	1	0				
G	JE14894	9/17/25	10/8/25	Category B	1	0			1	0
H	JE14894R	9/17/25	10/8/25	Category B	1	0				
L	JE16259	9/17/25	10/8/25	Category B	0	1	1		0	1
M	JE16259R	9/17/25	10/8/25	Category B				1		
Total			PM: SC		**5**	**1**	**1**	**1**	**3**	**1**

R1 Added O

LDC #61609 (P.W. Grosser Consulting - Bohemia, NY / 60 Alexander Street, Yonkers, NY, ALE2501)

LDC	SDG#	Received Date	(21) Due Date	Validation Level	PCBs (8082A)		PFAS (1633)		Metals (6010D)	
Matrix Type:					Soil	Water	Soil	Water	Soil	Water
A	JE14670	9/17/25	10/8/25	Category B	1	0	1	0	1	0
B	JE14670R	9/17/25	10/8/25	Category B					1	0
D	JE14764	9/17/25	10/8/25	Category B	1	0	1	0	1	0
E	JE14764R	9/17/25	10/8/25	Category B					1	0
G	JE14894	9/17/25	10/8/25	Category B	1	0	1	0	1	0
H	JE14894R	9/17/25	10/8/25	Category B					1	0
L	JE16259	9/17/25	10/8/25	Category B	0	1	0	1	0	1
Total			PM: SC		**3**	**1**	**3**	**1**	**6**	**1**

LDC	SDG#	Received Date	(21) Due Date	Validation Level	(7) TCLP Metals (6010D)	Sb, Tl (6020B)	Mercury (7470A)	TCLP Mercury (7470A)	Mercury (7471B)	Cyanide (9012B)
Matrix Type:					Soil	Water	Water	Soil	Soil	Soil
A	JE14670	9/17/25	10/8/25	Category B					1	1
B	JE14670R	9/17/25	10/8/25	Category B					1	
D	JE14764	9/17/25	10/8/25	Category B					1	1
E	JE14764R	9/17/25	10/8/25	Category B					1	
G	JE14894	9/17/25	10/8/25	Category B					1	1
H	JE14894R	9/17/25	10/8/25	Category B					1	
L	JE16259	9/17/25	10/8/25	Category B			1			
M	JE16259R	9/17/25	10/8/25	Category B		1				
O	JE14764T	9/17/25	10/8/25	Category B	1			1		
Total			PM: SC		**1**	**1**	**1**	**1**	**6**	**3**

R1 Added O

LDC #61609 (P.W. Grosser Consulting - Bohemia, NY / 60 Alexander Street, Yonkers, NY, ALE2501)

LDC	SDG#	Received Date	(21) Due Date	Validation Level	Cr(VI) (7196A)
Matrix Type:					Soil
A	JE14670	9/17/25	10/8/25	Category B	1
D	JE14764	9/17/25	10/8/25	Category B	1
G	JE14894	9/17/25	10/8/25	Category B	1
Total			PM: SC		**4**

These sample counts do not include MS/MSDs and DUPs.
EDD: EQuIS

R1 Added O

Site:	60 Alexander Street, Yonkers, NY
Laboratory:	SGS North America, Inc., Dayton, NJ
SDG:	JE14670
Reviewer:	Felomina Tanguilig, Josephine Go, and Pei Geng/Laboratory Data Consultants for P.W. Grosser Consulting - Bohemia, NY
Date:	October 10, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
SB018 (4'-10')	JE14670-17	VOC, SVOC, Pesticide, PCB, PFAS
SB018 (4'-10')MS	JE14670-17MS	VOC, SVOC, Pesticide, PCB, PFAS
SB018 (4'-10')MSD	JE14670-17MSD	VOC, SVOC, Pesticide, PCB, PFAS

Associated QC Samples(s):

Field/Trip Blanks: None Associated
Field Duplicate pair: None Associated

The above-listed soil sample was collected on July 7, 2025 and was analyzed for volatile organic compounds (VOC) by SW-846 method 8260D, semivolatile organic compounds (SVOC) by SW-846 methods 8270E, chlorinated pesticides by SW-846 method 8081B, polychlorinated biphenyls (PCB) by SW-846 method 8082A, and perfluoroalkyl and polyfluoroalkyl substances (PFAS) by method 1633. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for Validating Volatile Organic Compounds By Gas Chromatography/Mass Spectrometry,* SOP HW-24, Revision 4 (October 2014), the USEPA Region 2 *Standard Operating Procedure for Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270E,* SOP HW-22, Revision 5 (December 2010), the USEPA Region 2 *Standard Operating Procedure for Validating Pesticide Compounds, Organochlorine Pesticides by Gas Chromatography SW-846 Method 8081B,* SOP HW-44, Revision 1.1 (December 2010), the USEPA Region 2 *Standard Operating Procedure for Validating PCB Compounds, PCBs by Gas Chromatography SW-846 Method 8082A,* SOP HW-45, Revision 1 (October 2006), the Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) under NYSDEC's Part 375 Remedial Programs (April 2023), and the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review,* EPA 540-R-20-005 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The organic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- GC/Electron Capture Detector (GC/ECD) Instrument Performance Checks
- Liquid Chromatography/Mass Spectrometry (LC/MS) Tunes
- Initial and Continuing Calibrations
- Blank Analysis Results
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Target Analyte Identification

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to sample matrix or laboratory quality control outliers with the exceptions listed below.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

GC/MS Tunes

VOC, SVOC

All criteria were met.

GC/ECD Instrument Performance Checks

Pesticide, PCB

All criteria were met.

LC/MS Instrument Performance Check

PFAS

All criteria were met.

Initial and Continuing Calibrations

VOC

Initial calibration:

For analytes where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 20.0%.
In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
07/14/25	CCV-GCMSY	Chloromethane	65	SB018 (4'-10')	UJ (all non-detects)
		Trichlorofluoromethane	27.9		UJ (all non-detects)
		Methyl acetate	23.3		UJ (all non-detects)

All of the continuing calibration relative response factors (RRF) were within validation criteria.

SVOC

Initial calibration:

The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all analytes.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
07/12/25	CCV-GCMSCT	Hexachloroethane	24.4	SB018 (4'-10')	UJ (all non-detects)
		2-Nitrophenol	29.9		UJ (all non-detects)
		Hexachlorobutadiene	28.9		UJ (all non-detects)
		2,6-Dinitrotoluene	29.5		UJ (all non-detects)
		2,4-Dinitrophenol	40.1		UJ (all non-detects)
		2,4-Dinitrotoluene	28.1		UJ (all non-detects)
		4,6-Dinitro-2-methylphenol	32.7		UJ (all non-detects)
		Hexachlorobenzene	24.0		UJ (all non-detects)
		Pentachlorophenol	23.1		UJ (all non-detects)

All of the continuing calibration relative response factors (RRF) were within validation criteria.

Pesticide

Initial calibration:

For analytes where average calibration factors were utilized, percent relative standard deviations (%RSD) were less than or equal to 20.0%.

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 20.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes with the following exceptions:

Date	Standard	Column	Analyte	%D	Associated Samples	Validation Action
07/22/25	RK30012.d	CLP1	delta-BHC	20.4	SB018 (4'-10')	UJ (all non-detects)
			Endrin	66.7		UJ (all non-detects)

PCB, PFAS

All criteria were met.

Blanks

Contamination was not detected in the method blanks.

A field blank was not associated with this sample set. Validation action was not required on this basis.

Surrogate Recoveries

VOC, SVOC, Pesticide, PCB

All criteria were met.

MS/MSD Results

VOC

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Analyte	MS %R	MSD %R	Limits	Validation Action
SB018 (4'-10')MS/MSD (SB018 (4'-10'))	Chloromethane	-	155	49-145	None
SB018 (4'-10')MS/MSD (SB018 (4'-10'))	cis-1,3-Dichloropropene	43	45	64-126	UJ (all non-detects)
	trans-1,3-Dichloropropene	37	36	61-127	UJ (all non-detects)
	1,1,2,2-Tetrachloroethane	41	-	44-135	UJ (all non-detects)
	1,2,3-Trichlorobenzene	9	8	10-153	UJ (all non-detects)

No data were qualified due to high %Rs when the associated results were non-detected.

Relative percent differences (RPD) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Analyte	RPD (≤20)	Validation Action
SB018 (4'-10')MS/MSD (SB018 (4'-10'))	1,1,2,2-Tetrachloroethane	24	None

No data were qualified due to high RPDs when the associated results were non-detected.

SVOC

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Analyte	MS %R	MSD %R	Limits	Validation Action
SB018 (4'-10')MS/MSD (SB018 (4'-10'))	Caprolactam	0	0	10-150	UJ (all non-detects)

Although the percent recoveries were severely low for benzyl chloride, using professional judgment the associated sample results were qualified as nondetects (UJ) due to the presence of matrix interference.

Relative percent differences (RPD) were within QC limits.

PFAS

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Analyte	MS %R	MSD %R	Limits	Validation Action
SB018 (4'-10')MS/MSD (SB018 (4'-10'))	5:3 Fluorotelomer carboxylate	138	133	60-130	None
	7:3 Fluorotelomer carboxylate	154	-	60-150	

No data were qualified due to high %Rs when the associated results were non-detected.

For SB018 (4'-10')MS/MSD, no data were qualified for perfluorooctanesulfonic acid percent recoveries (%R) outside the QC limits since the parent sample results were greater than 4X the spike concentration.

Relative percent differences (RPD) were within QC limits.

Pesticide, PCB

All criteria were met.

LCS Results

VOC

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits with the following exceptions:

LCS ID (Associated Samples)	Analyte	%R	Limits	Validation Action
VY9315 (SB018 (4'-10'))	Chloromethane	167	57-141	None

No data were qualified due to high %Rs when the associated results were non-detected.

SVOC, Pesticide, PCB, PFAS

All criteria were met.

Internal Standards

VOC, SVOC, Pesticide, PFAS

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Quantitation Limits and Data Assessment

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL) in the VOC, SVOC, and PFAS analyses. These results were qualified as estimated (J) by the laboratory.

No results were reported below the RL and above the MDL in the pesticide and PCB analyses.

Sample Quantitation and Target Analyte Identification

Calculations were spot-checked; no discrepancies were noted.

Pesticide

The sample results for detected analytes from the two columns were within 40% relative percent difference (RPD) with the following exceptions:

Sample	Analyte	RPD	Validation Action
SB018 (4'-10')	Dieldrin	88.4	J (all detects)
	4,4'-DDT	58.5	J (all detects)

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

JN - The analysis indicates the presence of an analyte that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB018 (4'-10')		
Lab Sample ID:	JE14670-17	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	84.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Y216194.D	1	07/14/25 14:00	PS	n/a	n/a	VY9315
Run #2							

	Initial Weight
Run #1	5.3 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	13.0	11	4.6	ug/kg	
71-43-2	Benzene	ND	0.56	0.51	ug/kg	
74-97-5	Bromochloromethane	ND	5.6	0.63	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.48	ug/kg	
75-25-2	Bromoform	ND	5.6	1.5	ug/kg	
74-83-9	Bromomethane	ND	5.6	0.85	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.7	ug/kg	
75-15-0	Carbon disulfide	ND	2.2	0.60	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.2	0.69	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.51	ug/kg	
75-00-3	Chloroethane	ND	5.6	0.66	ug/kg	
67-66-3	Chloroform	ND	2.2	1.1	ug/kg	
74-87-3	Chloromethane [a]	ND	5.6	2.2	ug/kg	
110-82-7	Cyclohexane	2.6	2.2	0.73	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.78	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.63	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.47	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.61	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.55	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.55	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.6	0.81	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.55	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.53	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.73	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.94	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.68	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.53	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.53	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.51	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.51	ug/kg	
76-13-1	Freon 113	ND	5.6	3.0	ug/kg	
591-78-6	2-Hexanone	ND	5.6	2.4	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

Report of Analysis

Client Sample ID:	SB018 (4'-10')		
Lab Sample ID:	JE14670-17	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	84.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.2	1.6	ug/kg	
79-20-9	Methyl Acetate [b]	ND	5.6	1.6	ug/kg	
108-87-2	Methylcyclohexane	1.7 J	2.2	0.98	ug/kg	J
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.52	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.6	2.5	ug/kg	
75-09-2	Methylene chloride	ND	5.6	2.9	ug/kg	
100-42-5	Styrene	ND	2.2	0.45	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.67	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.65	ug/kg	
108-88-3	Toluene	ND	1.1	0.59	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.6	2.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	2.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.54	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.62	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.85	ug/kg	
75-69-4	Trichlorofluoromethane [b]	ND	5.6	0.76	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.54	ug/kg	
	m,p-Xylene	ND	1.1	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.51	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.51	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		80-124%
17060-07-0	1,2-Dichloroethane-D4	91%		75-133%
2037-26-5	Toluene-D8	97%		79-125%
460-00-4	4-Bromofluorobenzene	102%		58-148%

(a) Associated CCV outside of control limits high, sample was ND.This compound in blank spike is outside in house QC limits bias high.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609A
SDG #: JE14670
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1
Reviewer: KT
2nd Reviewer: CW

Method: Volatiles (EPA 8260D) #TIC

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	%RSD ≤ 20 r^2 ICV ≤ 30 CCV ≤ 20
IV	Continuing Calibration	SW	
V	Laboratory Blanks	A	
VI	Field Blank	N	
VII	Surrogate Spikes	A	
VIII	Matrix Spike/Matrix Spike Duplicate	SW	
IX	Laboratory Control Sample	SW	LCS
X	Field Duplicate	N	
XI	Internal standards	A	
XII	Target Analyte Quantitation	A	Result < RL > MDL = J dw
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB018 (4'-10')	JE14670-17		Soil	07/07/2025	Category B
2	SB018 (4'-10')MS	JE14670-17MS	MS	Soil	07/07/2025	Category B
3	SB018 (4'-10')MSD	JE14670-17MSD	MSD	Soil	07/07/2025	Category B

Notes:

VV9315		

Did not receive TB

Method: Volatiles (EPA SW 846 Method 8260B)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS instrument performance check				
Were the BFB performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Were all percent relative standard deviations (%RSD) ≤ 15% 20% 15/30% and relative response factors (RRF) ≥ 0.05?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≥ 20% 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) ≥ 0.05?		✓		
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the Blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓	✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?		✓		

Method: Volatiles (EPA SW 846 Method 8260B)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per analytical batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		✓		
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

TARGET COMPOUND WORKSHEET

METHOD: VOA

A. Chloromethane	AA. Tetrachloroethene	AAA. 1,3,5-Trimethylbenzene	AAAA. Ethyl tert-butyl ether	A1. 1,3-Butadiene	A2. 1,2,4,5-Tetramethylbenzene
B. Bromomethane	BB. 1,1,2,2-Tetrachloroethane	BBB. 4-Chlorotoluene	BBBB. tert-Amyl methyl ether	B1. Hexane	B2. n-Octane
C. Vinyl chloride	CC. Toluene	CCC. tert-Butylbenzene	CCCC. 1-Chlorohexane	C1. Heptane	C2. n-Propyl alcohol
D. Chloroethane	DD. Chlorobenzene	DDD. 1,2,4-Trimethylbenzene	DDDD. Isopropyl alcohol	D1. Propylene	D2. n-Pentane
E. Methylene chloride	EE. Ethylbenzene	EEE. sec-Butylbenzene	EEEE. Acetonitrile	E1. Freon 11	E2. n-Decane
F. Acetone	FF. Styrene	FFF. 1,3-Dichlorobenzene	FFFF. Acrolein	F1. Freon 12	F2. Chlorodifluoromethane
G. Carbon disulfide	GG. Xylenes, total	GGG. p-Isopropyltoluene	GGGG. Acrylonitrile	G1. Freon 113	G2. cis-Decahydronaphthalene
H. 1,1-Dichloroethene	HH. Vinyl acetate	HHH. 1,4-Dichlorobenzene	HHHH. 1,4-Dioxane	H1. Freon 114	H2. trans-Decahydronaphthalene
I. 1,1-Dichloroethane	II. 2-Chloroethylvinyl ether	III. n-Butylbenzene	IIII. Isobutyl alcohol	I1. 2-Nitropropane	I2. n-Nonane
J. 1,2-Dichloroethene, total	JJ. Dichlorodifluoromethane	JJJ. 1,2-Dichlorobenzene	JJJJ. Methacrylonitrile	J1. Dimethyl disulfide	J2. n-Undecane
K. Chloroform	KK. Trichlorofluoromethane	KKK. 1,2,4-Trichlorobenzene	KKKK. Propionitrile	K1. 2,3-Dimethyl pentane	K2. Chloroprene
L. 1,2-Dichloroethane	LL. Methyl-tert-butyl ether	LLL. Hexachlorobutadiene	LLLL. Ethyl ether	L1. 2,4-Dimethyl pentane	L2. n-Butanol
M. 2-Butanone	MM. 1,2-Dibromo-3-chloropropane	MMM. Naphthalene	MMMM. Benzyl chloride	M1. 3,3-Dimethyl pentane	M2. n-Butyl acetate
N. 1,1,1-Trichloroethane	NN. Methyl ethyl ketone	NNN. 1,2,3-Trichlorobenzene	NNNN. Iodomethane	N1. 2-Methylpentane	N2. Nitrobenzene
O. Carbon tetrachloride	OO. 2,2-Dichloropropane	OOO. 1,3,5-Trichlorobenzene	OOOO. 1,1-Difluoroethane	O1. 3-Methylpentane	O2. Methyl bromide
P. Bromodichloromethane	PP. Bromochloromethane	PPP. trans-1,2-Dichloroethene	PPPP. Tetrahydrofuran	P1. 3-Ethylpentane	P2. Methyl chloride
Q. 1,2-Dichloropropane	QQ. 1,1-Dichloropropene	QQQ. cis-1,2-Dichloroethene	QQQQ. Methyl acetate	Q1. 2,2-Dimethylpentane	Q2. Methyl iodide
R. cis-1,3-Dichloropropene	RR. Dibromomethane	RRR. m,p-Xylene	RRRR. Ethyl acetate	R1. 2,2,3- Trimethylbutane	R2. Methylene bromide
S. Trichloroethene	SS. 1,3-Dichloropropane	SSS. o-Xylene	SSSS. Cyclohexane	S1. 2,2,4-Trimethylpentane	S2. 1-Methylnaphthalene
T. Dibromochloromethane	TT. 1,2-Dibromoethane	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	TTTT. Methylcyclohexane	T1. 2-Methylhexane	T2. 3,3-Dimethyl-1-butanol
U. 1,1,2-Trichloroethane	UU. 1,1,1,2-Tetrachloroethane	UUU. 1,2-Dichlorotetrafluoroethane	UUUU. Allyl chloride	U1. Nonanal	U2. Bromoethane
V. Benzene	VV. Isopropylbenzene	VVV. 4-Ethyltoluene	VVVV. Methyl methacrylate	V1. 2-Methylnaphthalene	V2. Hexachloroethane
W. trans-1,3-Dichloropropene	WW. Bromobenzene	WWW. Ethanol	WWWW. Ethyl methacrylate	W1. Methanol	W2. Isobutanol
X. Bromoform	XX. 1,2,3-Trichloropropane	XXX. Di-isopropyl ether	XXXX. cis-1,4-Dichloro-2-butene	X1. 1,2,3-Trimethylbenzene	X2. Cyclohexanone
Y. 4-Methyl-2-pentanone	YY. n-Propylbenzene	YYY. tert-Butanol	YYYY. trans-1,4-Dichloro-2-butene	Y1. 2-Propanol	Y2.
Z. 2-Hexanone	ZZ. 2-Chlorotoluene	ZZZ. tert-Butyl alcohol	ZZZZ. Pentachloroethane	Z1. p-Diethylbenzene	Z2.

LDC #: 61609A

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: FM

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)
Continuing calibration standards were analyzed at the required frequencies.
The retention times for all calibrated compounds were within their respective acceptance windows.
All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Compound	%D (Limit ≤20%)	RRF (Limits)	Associated samples	Qualifications
	7/14/25	CCV - GCMSY	A	65		All	J/UJ/Δ all ND
	1018		KK	27.9		↓	↓
			QQQQ	23.3		↓	↓

	DOD	NFG
%D	20%/50%	20%

RRF: 0.001 - poor performers 0.005 - 1,4-Dioxane 0.05 - all other analytes

LDC #: 61609A

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates

Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample.

Percent recoveries (%R) and %RPD were within QC limits with the exceptions identified below.

MS/MSD ID	Analyte	MS %R	MSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
2d3	A		155	49-145			#1	J(det)/A all ND
	R	43	45	64-126				J/UJ/A
	W	37	36	61-127				↓
	BB	41		44-135				↓
	~~BB~~				24	20		J(det)/A
	NNN	9	8	10-153			↓	J/UJ/A

LDC #: 61609A

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Reviewer: EF

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method.
Percent recoveries (%R) and Relative percent differences (RPD) were within QC limits with the exceptions identified below.

LCS/LCSD	Analyte	LCS %R	LCSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
YY9315-LCS	A	167		57-141			All	Soil/P ND

LDC #:61609A

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: ____FT____

METHOD: GCMS 8260D

The calibration factors (RRFF), average RRFF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

RRF = (Ax)(Cis)/(Ais)(Cx)
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

Where:
Ax = Area of compound
Cx = Concentration of compound
S = Standard deviation of the RRFs
X = Mean of the RRFs
Ais = Area of associated internal standard
Cis = Concentration of internal Standard

#	Standard ID	Calibration Date	Compound	Reported (RRF 20 ppb std)	Recalculated (RRF 20 ppb std)	Reported AverageRRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
	ICAL GCMSY	4/29/2025	F	0.040	0.040	0.039	0.039	9.28	9.28
			V	1.080	1.080	1.105	1.105	7.15	7.15
			CC	0.763	0.763	0.762	0.762	6.45	6.45
			BB	0.570	0.570	0.536	0.536	7.38	7.38

LDC # 61609A

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	CCV GCMSY	9/14/25 1018	F	0.039	0.037	0.037	5.1	5.1
			V	1.105	0.988	0.988	10.6	10.6
			CC	0.762	0.708	0.708	7.1	7.1
			BB	0.536	0.499	0.499	6.9	6.9

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

LDC # 61609A

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: #1

	Surrogate Spiked (ug/L	Surrogate Found (ug/L	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane	50.0	47.08	94	94	0
1,2-Dichloroethane-d4	↓	45.61	91	91	↓
Toluene-d8		48.29	97	97	
4-Bromofluorobenzene	↓	50.96	102	102	↓

LDC # 61609A

VALIDATION FINDINGS WORKSHEET
MS/MSD Results Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

%Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked concentration
SA = Spike added
SC = Sample concentration

RPD = | MS - MSD | * 2/(MS + MSD)

MS = Matrix spike recovery

MSD = Matrix spike duplicate recovery

MS/MSD ID: 2 + 3

Compound	SA (ug/kg)		SC (ug/kg)	SSC (ug/kg)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1,1-Dichloroethene	65.8	64.4	ND	56.4	57.8	86	86	90	90	2	2
Trichloroethene				83.1	81.2	126	126	126	126	2	2
Benzene				55.4	54.7	84	84	85	85	1	1
Toluene				46.1	44.4	70	70	69	69	4	4
Chlorobenzene	↓	↓	↓	46.2	45.2	70	70	70	70	2	2

LDC # 61609A

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added

LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: YY9315-LCS

Compound	SA (ug/kg)		SSC (ug/kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1,1-Dichloroethene	50.0	NA	44.4	NA	89	89				
Trichloroethene	↓	↓	50.1	↓	100	100				
Benzene			46.5		93	93				
Toluene			48.0		96	96				
Chlorobenzene			50.0		100	100				

LDC #: 61609A

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GCMS 8260

Results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Final Conc = Conc *Vp*DF / VS

#1 F

Where:
Ax = Area or height of the peak for the compound to be measured
DF = Dilution factor
CF = Calibration factor from continuing calibration curve
Vs = Volume of sample extracted in milliliters (mL)
Vp = Purge Volume

Concentration = $\frac{(3253)(50)(5)}{(375439)(0.039)(5.3)(0.844)}$

= 13.11 ug/kg

%S = 84.4

5.3g Y216194 7/14/25 1400

Sample #	Analyte	Calculated Concentration (ug/kg)	Reported Concentration (ug/kg)	% Diff
#1	F	13.11	13.0	0

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB018 (4'-10')		
Lab Sample ID:	JE14670-17	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	84.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12753.D	1	07/12/25 22:12	KLS	07/08/25 17:00	OP65176	ECT571
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND U	78	19	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND U	200	24	ug/kg	
120-83-2	2,4-Dichlorophenol	ND U	200	33	ug/kg	
105-67-9	2,4-Dimethylphenol	128 J	200	70	ug/kg	J
51-28-5	2,4-Dinitrophenol [a]	ND UJ	200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND UJ	200	42	ug/kg	
95-48-7	2-Methylphenol	ND U	78	25	ug/kg	
	3&4-Methylphenol	ND U	78	32	ug/kg	
88-75-5	2-Nitrophenol [a]	ND UJ	200	26	ug/kg	
100-02-7	4-Nitrophenol	ND U	390	100	ug/kg	
87-86-5	Pentachlorophenol [a]	ND UJ	160	37	ug/kg	
108-95-2	Phenol	ND U	78	20	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND U	200	26	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND U	200	29	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND U	200	23	ug/kg	
83-32-9	Acenaphthene	55.4	39	14	ug/kg	
208-96-8	Acenaphthylene	228	39	20	ug/kg	
98-86-2	Acetophenone	ND U	200	8.4	ug/kg	
120-12-7	Anthracene	68.4	39	24	ug/kg	
1912-24-9	Atrazine	ND U	78	17	ug/kg	
56-55-3	Benzo(a)anthracene	173	39	11	ug/kg	
50-32-8	Benzo(a)pyrene	89.4	39	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	195	39	17	ug/kg	
191-24-2	Benzo(g,h,i)perylene	64.3	39	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	51.5	39	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND U	78	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND U	78	9.6	ug/kg	
92-52-4	1,1'-Biphenyl	147	78	5.4	ug/kg	
100-52-7	Benzaldehyde	ND U	200	9.7	ug/kg	
91-58-7	2-Chloronaphthalene	ND U	78	9.3	ug/kg	
106-47-8	4-Chloroaniline	ND U	200	14	ug/kg	
86-74-8	Carbazole	10.8 J	78	5.7	ug/kg	J

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

Report of Analysis

Client Sample ID:	SB018 (4'-10')		
Lab Sample ID:	JE14670-17	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	84.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND U	78	15	ug/kg	
218-01-9	Chrysene	244	39	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND U	78	8.4	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	78	17	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	78	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	78	13	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND U	39	12	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND U	39	20	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND U	78	33	ug/kg	
123-91-1	1,4-Dioxane	ND U	39	26	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	26.5 J	39	17	ug/kg	J
132-64-9	Dibenzofuran	54.0 J	78	16	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND U	78	6.4	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	78	9.8	ug/kg	
84-66-2	Diethyl phthalate	ND	78	8.4	ug/kg	
131-11-3	Dimethyl phthalate	ND	78	7.0	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	78	9.2	ug/kg	
206-44-0	Fluoranthene	287	39	17	ug/kg	
86-73-7	Fluorene	109	39	18	ug/kg	
118-74-1	Hexachlorobenzene [a]	ND U	78	9.9	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND U	39	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND U	390	16	ug/kg	
67-72-1	Hexachloroethane [a]	ND U	200	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	51.4	39	18	ug/kg	
78-59-1	Isophorone	ND U	78	8.4	ug/kg	
91-57-6	2-Methylnaphthalene	229	39	8.9	ug/kg	
88-74-4	2-Nitroaniline	ND U	200	9.3	ug/kg	
99-09-2	3-Nitroaniline	ND	200	9.8	ug/kg	
100-01-6	4-Nitroaniline	ND	200	10	ug/kg	
91-20-3	Naphthalene	152	39	11	ug/kg	
98-95-3	Nitrobenzene	ND U	78	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	78	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	14	ug/kg	
85-01-8	Phenanthrene	135	39	13	ug/kg	
129-00-0	Pyrene	307	39	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND U	200	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609A
SDG #: JE14670
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1
Reviewer: QF
2nd Reviewer:

Method: Semivolatiles (EPA 8270E)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	%RSD ≤ 20, r ICV ≤ 30 CCV ≤ 20
IV	Continuing Calibration	SW	
V	Laboratory Blanks	A	
VI	Field Blank	N	
VII	Surrogate Spikes	A	
VIII	Matrix Spike/Matrix Spike Duplicate	SW	
IX	Laboratory Control Sample	A	LCS
X	Field Duplicate	N	
XI	Internal standards	A	
XII	Target Analyte Quantitation	A	Result < RL > MDL = J/UJ
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB018 (4'-10')	JE14670-17		Soil	07/07/2025	Category B
2	SB018 (4'-10')MS	JE14670-17MS	MS	Soil	07/07/2025	Category B
3	SB018 (4'-10')MSD	JE14670-17MSD	MSD	Soil	07/07/2025	Category B

Notes:

OP65176-MB		

LDC #: 61609A

VALIDATION FINDINGS CHECKLIST

Method: Semivolatiles (EPA SW 846 Method 8270E)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS Instrument performance check				
Were the DFTPP performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
IIIa. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% 15/30% and relative response factors (RRF) within method criteria?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
IIIb. Initial Calibration Verification				
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?	✓	✓		
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the blanks validation findings worksheet.	✓			
VI. Field blanks				
Were field blanks were identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If 2 or more base neutral or acid surrogates were outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recoveries (%R) was less than 10%, was a reanalysis performed to confirm %R ?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓	✓		

Validation Area	Yes	No	NA	Findings/Comments
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?		✓		
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were compound quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

TARGET ANALYTE LIST

METHOD: GC/MS SVOC

A. Phenol	GG. Acenaphthene	MMM. Bis(2-Chloroisopropyl)ether	SSSS. 2/3-Dimethyldibenzothiophene	Y1. 3,3'-Dimethylbenzidine
B. Bis (2-chloroethyl) ether	HH. 2,4-Dinitrophenol	NNN. Aniline	TTTT. 1-Methyldibenzothiophene	Z1. o-Toluidine
C. 2-Chlorophenol	II. 4-Nitrophenol	OOO. N-Nitrosodimethylamine	UUUU.. 2,3,4,6-Tetrachlorophenol	A2. Benzo(j)fluoranthene
D. 1,3-Dichlorobenzene	JJ. Dibenzofuran	PPP. Benzoic Acid	VVVV. 1,2,4,5-Tetrachlorobenzene	B2. Benzofluoranthenes, total
E. 1,4-Dichlorobenzene	KK. 2,4-Dinitrotoluene	QQQ. Benzyl alcohol	WWWW.. 2-Picoline	C2. trans-Decalin
F. 1,2-Dichlorobenzene	LL. Diethylphthalate	RRR. Pyridine	XXXX. 3-Methylcholanthrene	D2. cis-Decalin
G. 2-Methylphenol	MM. 4-Chlorophenyl-phenyl ether	SSS. Benzidine	YYYY. a,a-Dimethylphenethylamine	E2. Dibenzo(a)anthracenes
H. 2,2'-Oxybis(1-chloropropane)	NN. Fluorene	TTT. 1-Methylnaphthalene	ZZZZ. Hexachloropropene	F2. Benzo(j)+(k)fluoranthene
I. 4-Methylphenol	OO. 4-Nitroaniline	UUU.Benzo(b)thiophene	A1. N-Nitrosodiethylamine	G2.
J. N-Nitroso-di-n-propylamine	PP. 4,6-Dinitro-2-methylphenol	VVV.Benzonaphthothiophene	B1. N-Nitrosodi-n-butylamine	H2.
K. Hexachloroethane	QQ. N-Nitrosodiphenylamine	WWW.Benzo(e)pyrene	C1. N-Nitrosomethylethylamine	I2.
L. Nitrobenzene	RR. 4-Bromophenyl-phenylether	XXX. 2,6-Dimethylnaphthalene	D1. N-Nitrosomorpholine	J2.
M. Isophorone	SS. Hexachlorobenzene	YYY. 2,3,5-Trimethylnaphthalene	E1. N-Nitrosopyrrolidine	K2.
N. 2-Nitrophenol	TT. Pentachlorophenol	ZZZ. Perylene	F1. Phenacetin	L2.
O. 2,4-Dimethylphenol	UU. Phenanthrene	AAAA. Dibenzothiophene	G1. 2-Acetylaminofluorene	M2.
P. Bis(2-chloroethoxy)methane	VV. Anthracene	BBBB. Benzo(a)fluoranthene	H1. Pronamide	N2.
Q. 2,4-Dichlorophenol	WW. Carbazole	CCCC. Benzo(b)fluorene	I1. Methyl methanesulfonate	O2.
R. 1,2,4-Trichlorobenzene	XX. Di-n-butylphthalate	DDDD. cis/trans-Decalin	J1. Ethyl methanesulfonate	P2.
S. Naphthalene	YY. Fluoranthene	EEEE. Biphenyl	K1. o,o',o''-Triethylphosphorothioate	Q2.
T. 4-Chloroaniline	ZZ. Pyrene	FFFF. Retene	L1. n-Phenylene diamine	R2.
U. Hexachlorobutadiene	AAA. Butylbenzylphthalate	GGGG. C30-Hopane	M1. 1,4-Naphthoquinone	S2.
V. 4-Chloro-3-methylphenol	BBB. 3,3'-Dichlorobenzidine	HHHH. 1-Methylphenanthrene	N1. N-Nitro-o-toluidine	T2.
W. 2-Methylnaphthalene	CCC. Benzo(a)anthracene	IIII. 1,4-Dioxane	O1. 1,3,5-Trinitrobenzene	U2.
X. Hexachlorocyclopentadiene	DDD. Chrysene	JJJJ. Acetophenone	P1. Pentachlorobenzene	V2..
Y. 2,4,6-Trichlorophenol	EEE. Bis(2-ethylhexyl)phthalate	KKKK. Atrazine	Q1. 4-Aminobiphenyl	W2
Z. 2,4,5-Trichlorophenol	FFF. Di-n-octylphthalate	LLLL. Benzaldehyde	R1. 2-Naphthylamine	X2..
AA. 2-Chloronaphthalene	GGG. Benzo(b)fluoranthene	MMMM. Caprolactam	S1. Triphenylene	Y2.
BB. 2-Nitroaniline	HHH. Benzo(k)fluoranthene	NNNN. 2,6-Dichlorophenol	T1. Octachlorostyrene	Z2.
CC. Dimethylphthalate	III. Benzo(a)pyrene	OOOO. 1,2-Diphenylhydrazine	U1. Famphur	
DD. Acenaphthylene	JJJ. Indeno(1,2,3-cd)pyrene	PPPP. 3-Methylphenol	V1. 1,4-phenylenediamine	
EE. 2,6-Dinitrotoluene	KKK. Dibenz(a,h)anthracene	QQQQ. 3&4-Methylphenol	W1. Methapyrilene	
FF. 3-Nitroaniline	LLL. Benzo(g,h,i)perylene	RRRR. 4-Dimethyldibenzothiophene	X1. Pentachloroethane	

LDC #: _61609A

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: ____FT_____

METHOD: GC/MS BNA (EPA SW 846 Method 8270 E)
Continuing calibration standards were analyzed at the required frequencies.
The retention times for all calibrated compounds were within their respective acceptance windows.
All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Compound	%D (Limit ≤ 20 %)	RRF (Limits)	Associated samples	Qualifications
	7/12/25 1255	CCV-GCMSCT	K	24.4		All	J/UJ/A and ND
			N	29.9			
			U	28.9			
			EE	29.5			
			HH	40.1			
			KK	28.1			
			PP	32.7			
			SS	24.0			
			TT	23.1			

DOD
%D 20%/50%
NFG
Method criteria

RRF: 0.05

LDC #: _ 61609A

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates

Reviewer: EP

METHOD: GC/MS BNA (EPA SW 846 Method 8270 C)

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample.

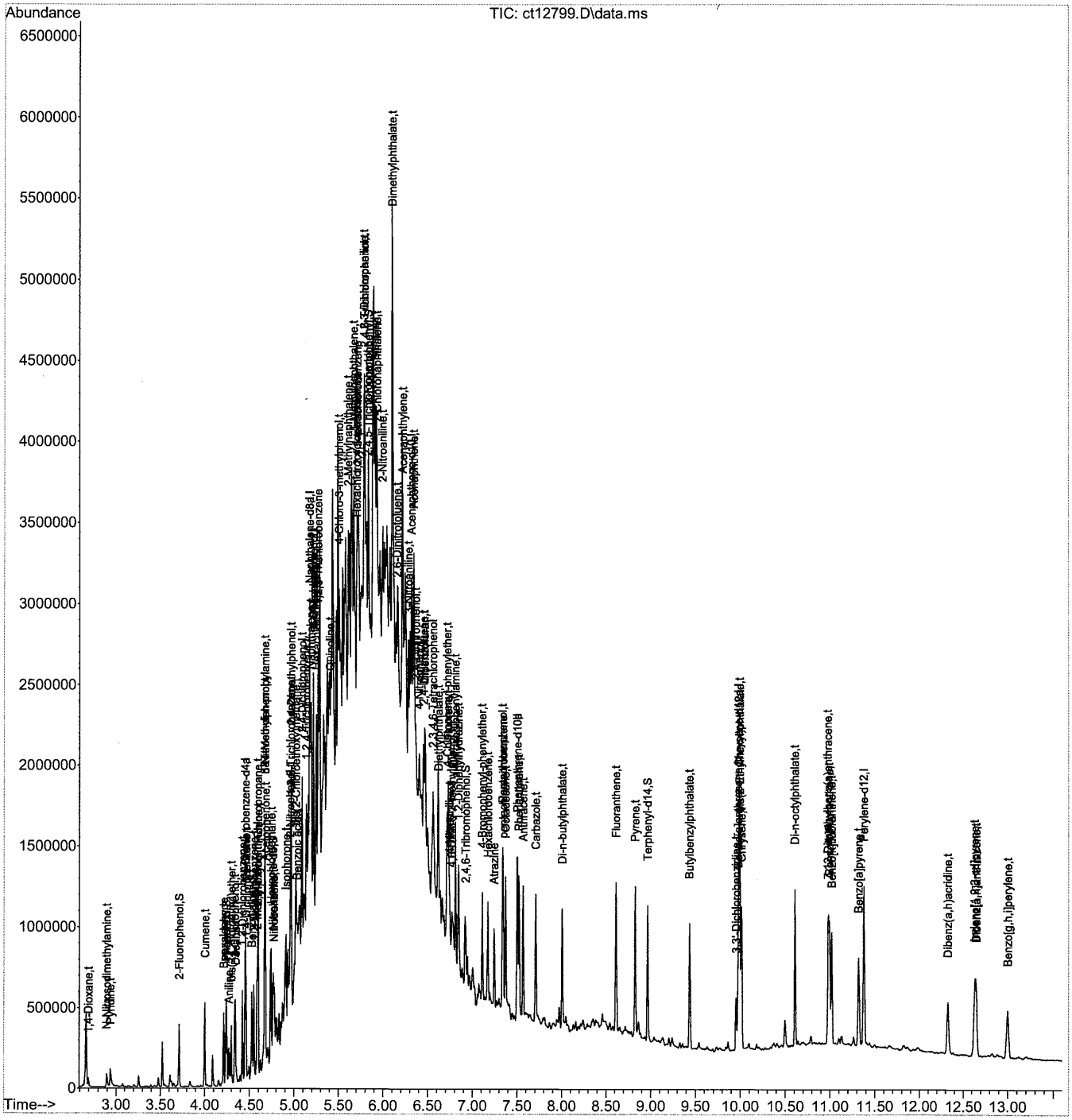
Percent recoveries (%R) and %RPD were within QC limits with the exceptions identified below.

MS/MSD ID	Analyte	MS %R	MSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
2+3	MMMM	0	0	10-150			1 *	J/UJ/A ND
				*J/UJ/A -	professional judgment due to matrix interference. See chromatogram next page			

Quantitation Report (QT Reviewed)

Data Path : X:\Dayton SVOA GCMS\michaell\ect573\
Data File : ct12799.D
Acq On : 14 Jul 2025 02:30 pm
Operator : anthonyo
Sample : op65176-ms2 Inst : GCMS_CT
Misc : op65176,ect573,30.1,,,1,1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 14 21:36:30 2025
Quant Method : X:\Dayton SVOA GCMS\michaell\Method\CT\mct554.m
Quant Title : Semi Volatile GC/MS,zb-5msi 30m x .25mm x .25MoTuWed Aug 10 17:05:37 2022
QLast Update : Mon Jul 14 20:15:12 2025
Response via : Initial Calibration



9.4.5

9

LDC #: 61609A

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: FT

METHOD: GCMS 8270E

The calibration factors (RRFF), average RRFF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

RRF = (Ax)(Cis)/(Ais)(Cx)
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

Where:

Ax = Area of compound
Cx = Concentration of compound
S = Standard deviation of the RRFs
X = Mean of the RRFs
Ais = Area of associated internal standard
Cis = Concentration of internal Standard

#	Standard ID	Calibration Date	Compound	Reported (RRF 80ppm std)	Recalculated (RRF 80ppm std)	Reported AverageRRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
	ICAL GCMSCT	6/12/2025	A	1.814	1.814	1.833	1.833	4.53	4.53
			S	1.040	1.040	1.070	1.070	6.09	6.09
			GG	1.256	1.256	1.267	1.267	3.33	3.33
			UU	1.127	1.127	1.158	1.158	4.62	4.62
			DDD	1.234	1.234	1.227	1.227	4.72	4.72
			LLL	1.081	1.081	1.042	1.042	3.00	3.00

LDC # 61609A

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 C)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal stanc
Cis = Concentration of internal standa

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	CCV GCMS CT	7/12/11 1255	A	1.833	1.775	1.775	3.2	3.2
			S	1.070	1.131	1.131	5.7	5.7
			GG	1.267	1.337	1.337	5.5	5.5
			UU	1.158	1.211	1.211	4.6	4.6
			DDD	1.227	1.255	1.255	2.3	2.3
			LLL	1.042	1.106	1.106	6.1	6.1

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

LDC # 61609A

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: FT

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 C)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: #1

Surrogate	Surrogate Spiked (ppm)	Surrogate Found (ppm)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Nitrobenzene-d5	50	17.55	35	35	0
2-Fluorobiphenyl		21.88	44	44	
Terphenyl-d14		19.91	40	40	
Phenol-d5		17.02	34	34	
2-Fluorophenol		17.83	36	36	
2,4,6-Tribromophenol		23.12	46	46	

LDC # 61609 A

VALIDATION FINDINGS WORKSHEET
MS/MSD Results Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 E)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked concentration, SA = Spike added, SC = Sample concentration, MS = Matrix spike recovery, MSD = Matrix spike duplicate recovery

RPD = | MS - MSD | * 2/(MS + MSD)

Sample: 2 & 3

Compound	SA (ug/kg)		SC (ug/kg)	SSC (ug/L)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Phenol	1970	1960	ND	975	949	50	50	49	49	3	3
N-Nitroso-di-n-propylamine				1010	1250	51	51	64	64	21	21
4-Chloro-3-methylphenol				1360	1430	69	69	73	73	5	5
Acenaphthene			55.4	1160	1160	56	56	56	56	0	0
Pentachlorophenol	3940	3910	NM	2780	2710	71	71	69	69	3	3
Pyrene	1970	1960	307	1200	1300	45	45	51	51	8	8

LDC # 61609A

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 C)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS ID: OP65176-LCS

Compound	SA (ug/kg)		SSC (ug/kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Phenol	1670	NA	845	NA	51	51				
N-Nitroso-di-n-propylamine	↓	↓	673	↓	40	40				
4-Chloro-3-methylphenol	↓	↓	981	↓	59	59				
Acenaphthene	↓	↓	951	↓	57	57				
Pentachlorophenol	3330	↓	2290	↓	69	69				
Pyrene	↓	↓	985	↓	59	59				

LDC #: 61609A

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GCMS 8270

Results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Final Conc = $\frac{\text{Conc} * Vp * DF}{VS}$

#1 LLL

Concentration = $\frac{(19939)(40)(1.0)(1000)}{(466802)(1.042)(30.2)(0844)}$

64.33 ug/kg

Where:

Ax = Area or height of the peak for the compound to be measured
DF = Dilution factor
CF = Calibration factor from continuing calibration curve
Vs = Volume of sample extracted in milliters (mL)
Vp = Purge Volume

1.0 / 30.2

Sample #	Analyte	Calculated Concentration (ug/kg)	Reported Concentration (ug/kg)	% Diff
#1	LLL	64.33	64.3	U

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB018 (4'-10')		
Lab Sample ID:	JE14670-17	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8081B SW846 3546	**Percent Solids:**	84.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RK30032.D	1	07/22/25 09:06	CP	07/21/25 10:00	OP65540	GRK900
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.78	0.65	ug/kg	
319-84-6	alpha-BHC	ND	0.78	0.64	ug/kg	
319-85-7	beta-BHC	ND	0.78	0.71	ug/kg	
319-86-8	delta-BHC	ND	0.78	0.75	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.78	0.58	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.78	0.63	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.78	0.36	ug/kg	
60-57-1	Dieldrin [a]	1.2	0.78	0.54	ug/kg	
72-54-8	4,4'-DDD	ND	0.78	0.72	ug/kg	
72-55-9	4,4'-DDE	ND	0.78	0.69	ug/kg	
50-29-3	4,4'-DDT [a]	2.3	0.78	0.70	ug/kg	
72-20-8	Endrin	ND	0.78	0.61	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.78	0.61	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.78	0.44	ug/kg	
959-98-8	Endosulfan-I	ND	0.78	0.45	ug/kg	
33213-65-9	Endosulfan-II	ND	0.78	0.49	ug/kg	
76-44-8	Heptachlor	ND	0.78	0.68	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.78	0.55	ug/kg	
72-43-5	Methoxychlor	ND	1.6	0.62	ug/kg	
53494-70-5	Endrin ketone	ND	0.78	0.57	ug/kg	
8001-35-2	Toxaphene	ND	20	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	72%		13-162%
877-09-8	Tetrachloro-m-xylene	82%		13-162%
2051-24-3	Decachlorobiphenyl	80%		10-180%
2051-24-3	Decachlorobiphenyl	74%		10-180%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609A
SDG #: JE14670
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1 of 1
Reviewer: DG
2nd Reviewer: CW

Method: Organochlorine Pesticides (EPA 8081B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	GC/ECD Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	RSD ≤ 20% r² IAV ≤ 20%
IV	Continuing Calibration	SW	CAV ≤ 20%
V	Laboratory Blanks	A	
VI	Field Blank	N	
VII	Surrogate Spikes / LS	A/A	
VIII	Matrix Spike/Matrix Spike Duplicate	A	
IX	Laboratory Control Sample	A	LCS
X	Field Duplicate	N	
XI	Target Analyte Quantitation	SW	no results < RL
XII	Target Analyte Identification	A	
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB018 (4'-10')	JE14670-17		Soil	07/07/2025	Category B
2	SB018 (4'-10')MS	JE14670-17MS	MS	Soil	07/07/2025	Category B
3	SB018 (4'-10')MSD	JE14670-17MSD	MSD	Soil	07/07/2025	Category B

Notes:

- OP65540 - MB1		

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB018 (4'-10')		
Lab Sample ID:	JE14670-17	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8081B SW846 3546	**Percent Solids:**	84.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RK30032.D	1	07/22/25 09:06	CP	07/21/25 10:00	OP65540	GRK900
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.78	0.65	ug/kg	
319-84-6	alpha-BHC	ND	0.78	0.64	ug/kg	
319-85-7	beta-BHC	ND	0.78	0.71	ug/kg	
319-86-8	delta-BHC	ND	0.78	0.75	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.78	0.58	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.78	0.63	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.78	0.36	ug/kg	
60-57-1	Dieldrin [a]	1.2	0.78	0.54	ug/kg	
72-54-8	4,4'-DDD	ND	0.78	0.72	ug/kg	
72-55-9	4,4'-DDE	ND	0.78	0.69	ug/kg	
50-29-3	4,4'-DDT [a]	2.3	0.78	0.70	ug/kg	
72-20-8	Endrin	ND	0.78	0.61	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.78	0.61	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.78	0.44	ug/kg	
959-98-8	Endosulfan-I	ND	0.78	0.45	ug/kg	
33213-65-9	Endosulfan-II	ND	0.78	0.49	ug/kg	
76-44-8	Heptachlor	ND	0.78	0.68	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.78	0.55	ug/kg	
72-43-5	Methoxychlor	ND	1.6	0.62	ug/kg	
53494-70-5	Endrin ketone	ND	0.78	0.57	ug/kg	
8001-35-2	Toxaphene	ND	20	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	72%		13-162%
877-09-8	Tetrachloro-m-xylene	82%		13-162%
2051-24-3	Decachlorobiphenyl	80%		10-180%
2051-24-3	Decachlorobiphenyl	74%		10-180%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Method: Pesticides (EPA SW 846 Method 8081B)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Were cooler temperature criteria met?	✓			
II. GC/ECD instrument performance check				
Was the instrument performance found to be acceptable?	✓			
Were Evaluation mix standards analyzed prior to the initial calibration and at beginning of each 12-hour shift?	✓			
Were endrin and 4,4'-DDT breakdowns ≤ 15% for individual breakdown in the Evaluation mix standards?	✓			
III. Initial calibration and initial calibration verification				
Did the laboratory perform a 5-point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20%?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Were the RT windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
IV. Continuing calibration				
Was a continuing calibration analyzed daily?	✓			
Were all percent differences (%D) ≤ 20%?		✓		
Were all the retention times within the acceptance windows?	✓			
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field blanks				
Were field blanks identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes/Internal standards				
Were all surrogate percent recovery (%R) within the QC limits?	✓			
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recovery (%R) was less than 10 percent, was a reanalysis performed to confirm %R?			✓	
Were internal standard area counts within ± 50% of the average area calculated during calibration?	✓			
VIII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	✓			

Method: Pesticides (EPA SW 846 Method 8081B)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?			✓	
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions, dry weight factors, and clean-up activities applicable to level IV validation?	✓			
Were relative percent difference (RPD) of the results between two columns ≤ 40%?		✓		
XII. Target analyte identification				
Were the retention times of reported detects within the RT windows?	✓			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC#: 61609A

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081)
Continuing calibration standards were analyzed at the required frequencies.
The retention times for all calibrated compounds were within their respective acceptance windows.
All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Column/Detector	Analyte	%D (Limit ≤20%)	Associated samples	Qualifications
	7/22/2025	RK30012.d	CLP1	delta-BHC	20.4	All (ND)	J/UJ/A
				Endrin	66.7		

LDC#: 61609A

VALIDATION FINDINGS WORKSHEET
Target Analyte Quantitation and Reported RLs

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081)
RLs /LOQs were adjusted for sample dilutions and dry weight.
The reported results for detected target analytes agree within 10.0% of the recalculated results.
The relative percent difference (RPD) of detected analytes between two columns/detectors were <40% except those identified below.

#	Sample ID	Analyte	%RPD Between Two Columns/Detectors	Qualifications
	1	Dieldrin	88.4	J det/A
		4,4'-DDT	58.5	

Comments:

LDC#: 61609A

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$

average RRF = sum of the RRFs/number of standards

%RSD = 100 * (S/X)

Where

A_x = Area of Compound

C_x = Concentration of compound,

S= Standard deviation of the RRFs,

A_{is} = Area of associated internal standard

C_{is} = Concentration of internal standard

X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound	Reported RRF (50 std)	Recalculated RRF (50 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL GCRK	6/21/2025	b-BHC (CLP1)	0.583	0.583	0.543	0.543	6.99	6.99
			DDT (CLP1)	see r2 calc					
			b-BHC (CLP2)	0.641	0.641	0.579	0.579	11.87	11.90
			DDT (CLP2)	see r2 calc					

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

METHOD: GC Pesticides (EPA SW 846 Method 8081)

Calibration Date	Instrument/Column	Compound (IS)	Standard	(Y) Response ratio	(X) Conc. Ratio	(X^2) Conc. Ratio
6/21/2025	GCRK	4,4'-DDT	1	0.013	0.020	0.00
			2	0.026	0.040	0.00
	RTX-CLP1	(1-B-2-NB)	3	0.068	0.100	0.01
			4	0.145	0.200	0.04
			5	0.433	0.500	0.25
			6	0.948	1.000	1.00
			7	1.463	1.500	2.25
			8	1.943	2.000	4.00

Regression Output	Calculated		Reported
Constant	c =	-0.02333	-0.00247
Std Err of Y Est			
R Squared	r2 =	0.9995	0.9998
Degrees of Freedom			
X Coefficient(s)	b =	0.88896	0.73905
Std Err of Coef.	a =	0.0455450	0.14549
Correlation Coefficient		0.999759	
Coefficient of Determination (r^2)		0.999519	

METHOD: GC Pesticides (EPA SW 846 Method 8081)

Calibration Date	Instrument/Column	Compound (IS)	Standard	(Y) Response ratio	(X) Conc. Ratio	(X^2) Conc. Ratio
6/21/2025	GCRK	4,4'-DDT	1	0.013	0.020	0.00
			2	0.025	0.040	0.00
	RTX-CLP1	(1-B-2-NB)	3	0.074	0.100	0.01
			4	0.159	0.200	0.04
			5	0.490	0.500	0.25
			6	1.054	1.000	1.00
			7	1.618	1.500	2.25
			8	2.194	2.000	4.00

Regression Output	Calculated		Reported
Constant	c =	-0.02467	-0.00461
Std Err of Y Est			
R Squared	r2 =	0.9998	0.9948
Degrees of Freedom			
X Coefficient(s)	b =	0.96997	0.16977
Std Err of Coef.	a =	0.0663115	0.81753
Correlation Coefficient		0.999877	
Coefficient of Determination (r^2)		0.999755	

LDC#: 61609A

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound,
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound	Average RRF	Reported RRF	Recalculated RRF	Reported % D	Recalculated %D
1	rk30012.d GCRK	7/22/2025	b-BHC (CLP1)	0.543	0.517	0.517	4.8	4.8
			DDT (CLP1)	50.000	50.460	52.425	0.9	0.9
			b-BHC (CLP2)	0.579	0.625	0.625	7.9	7.9
			DDT (CLP2)	50.000	49.983	49.984	0.0	0.0

LDC# 61609A

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

%Recovery: SURRF/SURRS * 100

Where: SURRF = Surrogate Found
SURRS = Surrogate Spiked

Sample ID: 1

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Tetrachloro-m- xylene	RTX-CLP1	40.00	28.863	72	72	0
Tetrachloro-m- xylene	RTX-CLP2	40.00	32.993	82	82	0
Decachlorobiphenyl	RTX-CLP1	40.00	31.906	80	80	0
Decachlorobiphenyl	RTX-CLP2	40.00	29.467	74	74	0

LDC# 61609A

VALIDATION FINDINGS WORKSHEET
MS/MSD Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked concentration
SA = Spike added
SC = Sample concentration

RPD = | MS - MSD | * 2/(MS + MSD)

MS = Matrix spike recovery

MSD = Matrix spike duplicate recovery

MS/MSD ID: 2/3

Compound	SA (ug/Kg)		SC (ug/Kg)	SSC (ug/Kg)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
g-BHC	19.5	19.1	0	7.8	12.0	53	40	63	63	42	42
4,4'-DDT	19.5	19.1	2.3	13.2	19.4	56	56	89	90	38	38

LDC# 61609A

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added

LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: _OP65540-BS1__

Compound	SA (ug/Kg)		SSC (ug/Kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
g-BHC	16.7	NA	9.3	NA	56	56				
DDT	16.7	NA	10.7	NA	64	64				

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Vf)(Df)}{(CF)(Vi)(\%S)}$$

Quadratic $Y = a (X^2) + b X + c$

Where:

Ax = Area or height of the peak for the compound to be measured
DF = Dilution factor
CF = Calibration factor from continuing calibration curve
Vi = Initial volume or weight of sample extracted in milliliters (mL) or grams (g)
Vf = Final volume or weight of extract (mL)

Sample ID	Compound	Ax	Ais	Cis (ng/mL)	r2 coeff a	r2 coeff b	r2 coeff c	Vf (ml)	Vi (g)	DF	% S/100	Calculated Concentration (ug/Kg)	Reported Concentration (ug/Kg)	% Diff
1	DDT	54605105	1349600000	50	0.122000	0.724520	-0.002190	10.00	15.10	1.00	0.844	2.3	2.300	0
	CLP1													
	=	5.75												

	Y	a	b	c	X	final conc	T = Y-c	(b^2 - 4aT)	( )^ 1/2	(-b+ ()) / 2	(-b -())/ 2a
ddt1	0.040460214	0.12200	0.72452	-0.00219	0.05829	2.91	-0.042650214	0.5457425	0.7387439	0.0582946	-5.99698

Raw Data: 3G149797.D

SGS North America Inc.

Report of Analysis

4.29 4

Client Sample ID:	SB018 (4'-10')		
Lab Sample ID:	JE14670-17	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	84.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G149797.D	1	07/10/25 09:26	AS	07/09/25 11:30	OP65168	G3G5499
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	38	18	ug/kg	
11104-28-2	Aroclor 1221	ND	38	24	ug/kg	
11141-16-5	Aroclor 1232	ND	38	25	ug/kg	
53469-21-9	Aroclor 1242	ND	38	16	ug/kg	
12672-29-6	Aroclor 1248	ND	38	34	ug/kg	
11097-69-1	Aroclor 1254	ND	38	21	ug/kg	
11096-82-5	Aroclor 1260 [a]	46.4	38	16	ug/kg	
11100-14-4	Aroclor 1268	ND	38	34	ug/kg	
37324-23-5	Aroclor 1262	ND	38	25	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	50%		10-174%
877-09-8	Tetrachloro-m-xylene	48%		10-174%
2051-24-3	Decachlorobiphenyl	62%		10-195%
2051-24-3	Decachlorobiphenyl	65%		10-195%

(a) Reported from the 1st signal. The %D of the CCV on the 2nd signal exceeds the method criteria of 20%, so it being used for confirmation only.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609A
SDG #: JE14670
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1 of 1
Reviewer:
2nd Reviewer:

Method: PCBs (EPA 8082A)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A / A	
II	Initial Calibration/ ICV	A / A	RSD ≤ 20% ICV ≤ 20%
III	Continuing Calibration	A	CCV ≤ 20%
IV	Laboratory Blanks	A	
V	Field Blank	N	
VI	Surrogate Spikes	A	
VII	Matrix Spike/Matrix Spike Duplicate	A	
VIII	Laboratory Control Sample	A	LCS
IX	Field Duplicate	N	
X	Target Analyte Quantitation	A	no results < RL
XI	Target Analyte Identification	A	
XII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB018 (4'-10')	JE14670-17		Soil	07/07/2025	Category B
2	SB018 (4'-10')MS	JE14670-17MS	MS	Soil	07/07/2025	Category B
3	SB018 (4'-10')MSD	JE14670-17MSD	MSD	Soil	07/07/2025	Category B

Notes:

- OP65168-MB1		

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB018 (4'-10')		
Lab Sample ID:	JE14670-17	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	84.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G149797.D	1	07/10/25 09:26	AS	07/09/25 11:30	OP65168	G3G5499
Run #2							

	Initial Weight	Final Volume
Run #1	15.4 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	38	18	ug/kg	
11104-28-2	Aroclor 1221	ND	38	24	ug/kg	
11141-16-5	Aroclor 1232	ND	38	25	ug/kg	
53469-21-9	Aroclor 1242	ND	38	16	ug/kg	
12672-29-6	Aroclor 1248	ND	38	34	ug/kg	
11097-69-1	Aroclor 1254	ND	38	21	ug/kg	
11096-82-5	Aroclor 1260 [a]	46.4	38	16	ug/kg	
11100-14-4	Aroclor 1268	ND	38	34	ug/kg	
37324-23-5	Aroclor 1262	ND	38	25	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	50%		10-174%
877-09-8	Tetrachloro-m-xylene	48%		10-174%
2051-24-3	Decachlorobiphenyl	62%		10-195%
2051-24-3	Decachlorobiphenyl	65%		10-195%

(a) Reported from the 1st signal. The %D of the CCV on the 2nd signal exceeds the method criteria of 20%, so it being used for confirmation only.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Method: PCB (EPA SW 846 Method 8082A)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Were cooler temperature criteria met?	✓			
II. GC/ECD instrument performance check				
Was the instrument performance found to be acceptable?			✓	
Were Evaluation mix standards analyzed prior to the initial calibration and at beginning of each 12-hour shift?			✓	
Were endrin and 4,4'-DDT breakdowns ≤ 15% for individual breakdown in the Evaluation mix standards?			✓	
III. Initial calibration and initial calibration verification				
Did the laboratory perform a 5-point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20%?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?			✓	
Were the RT windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
IV. Continuing calibration				
Was a continuing calibration analyzed daily?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
Were all the retention times within the acceptance windows?	✓			
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field blanks				
Were field blanks identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes/Internal standards				
Were all surrogate percent recovery (%R) within the QC limits?	✓			
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recovery (%R) was less than 10 percent, was a reanalysis performed to confirm %R?			✓	
Were internal standard area counts within ± 50% of the average area calculated during calibration?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	✓			

Method: PCB (EPA SW 846 Method 8082A)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?			✓	
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions, dry weight factors, and clean-up activities applicable to level IV validation?	✓			
Were relative percent difference (RPD) of the results between two columns ≤ 40%?	✓			
XII. Target analyte identification				
Were the retention times of reported detects within the RT windows?	✓			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61609A

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

METHOD: GC PCBs (EPA SW 846 Method 8082A)

The calibration factors (CF), average CF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

CF = A/C
average CF = sum of the CF/number of standards
%RSD = 100 * (S/X)

Where:
A = Area of compound
C = Concentration of compound
S = Standard deviation of calibration factors
X = Mean of calibration factors

#	Standard ID	Calibration Date	Compound	Reported CF (1000 std)	Recalculated CF (1000 std)	Reported Average CF (Initial)	Recalculated Average CF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL	6/19/2025	1260-1 (ZB-CLP1)	1178000	1178400	1164000	1163833	7.09	7.09
	GC3G		1260-1 (ZB-CLP2)	1543000	1542500	1520000	1519833	5.49	5.49

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Results Verification

METHOD: GC PCBs (EPA SW 846 Method 8082A)

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

Percent difference (%D) = 100 * (N - C)/N

Where: N = Initial Calibration Factor or Nominal Amount
C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound	Ave CF	Reported CF	Recalculated CF	Reported % D	Recalculated %D
1	3G149791.d	7/10/2025	1260-1 (ZB-CLP1)	1164000	1296200	1296200	11.3	11.4
			1260-1 (ZB-CLP2)	1520000	2022200	2022200	33.0	33.0

LDC# 61609A

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

%Recovery: SURRF/SURRS * 100

Where: SURRF = Surrogate Found
SURRS = Surrogate Spiked

Sample ID: 1

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Tetrachloro-m- xylene	RTX-CLP1	40.00	19.885	50	50	0
Tetrachloro-m- xylene	RTX-CLP2	40.00	19.052	48	48	0
Decachlorobiphenyl	RTX-CLP1	40.00	24.750	62	62	0
Decachlorobiphenyl	RTX-CLP2	40.00	25.905	65	65	0

LDC# 61609A

VALIDATION FINDINGS WORKSHEET
MS/MSD Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked concentration
SA = Spike added
SC = Sample concentration

RPD = | MS - MSD | * 2/(MS + MSD)

MS = Matrix spike recovery

MSD = Matrix spike duplicate recovery

MS/MSD ID: 2/3

Compound	SA (ug/Kg)		SC (ug/Kg)	SSC (ug/Kg)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1260	151.0	151.0	46.4	165.0	156.0	79	79	73	73	6	6

LDC# 61609A

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added

LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: _OP65168-BS1__

Compound	SA (ug/Kg)		SSC (ug/Kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1260	133	NA	121	NA	91	91				

LDC# 61609A

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Ve)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Cis = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Ve = Volume extract
Vo = Volume or weight of sample
%S = % Solids

Sample ID	Compound	Ax	Ais	Cis	CF	Ve (ml)	Vi (g)	DF	% Solids/100	Calculated on-col conc (ug/Kg)	Reported on-col conc (ug/Kg)	% Diff
1	1260-2	46687351	-	-	784700	10.00	15.40	1.00	0.844	59.5	59.5	0
	CLP1											
											Reported	
	1260-Total =	(59.496+61.329+60.04)						conc =	(60.288)(10mL)		**final conc**	
		3							(15.4g)(0.844)			
	=	60.288						=	**46.4**		**46.4**	

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB018 (4'-10')		
Lab Sample ID:	JE14670-17A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	84.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1401.D	1	07/21/25 14:30	AA	07/17/25 17:00	OP65483	T6Q138
Run #2							

	Initial Weight	Final Volume
Run #1	5.12 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND U	0.93	0.13	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.46	0.081	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.23	0.035	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.23	0.058	ug/kg	
335-67-1	Perfluorooctanoic acid	ND	0.23	0.093	ug/kg	
375-95-1	Perfluorononanoic acid	ND	0.23	0.058	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.23	0.081	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.23	0.069	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.23	0.093	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.23	0.10	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.23	0.12	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	ND U	0.23	0.081	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	ND U	0.23	0.12	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	0.13 J	0.23	0.13	ug/kg	J
375-92-8	Perfluoroheptanesulfonic acid	ND U	0.23	0.12	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	20.2	0.23	0.058	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND U	0.23	0.16	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND U	0.23	0.13	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND U	0.23	0.058	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND U	0.93	0.32	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.93	0.12	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND U	0.93	0.22	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	0.16 J	0.23	0.081	ug/kg	J
31506-32-8	MeFOSA	ND U	0.23	0.069	ug/kg	
4151-50-2	EtFOSA	ND U	0.23	0.058	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

Report of Analysis

Client Sample ID:	SB018 (4'-10')		
Lab Sample ID:	JE14670-17A	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	84.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.23	0.093	ug/kg	
2991-50-6	EtFOSAA	0.32	0.23	0.15	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.3	0.32	ug/kg	
1691-99-2	EtFOSE	ND	2.3	0.84	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.93	0.21	ug/kg	
919005-14-4	ADONA	ND	0.93	0.14	ug/kg	
377-73-1	PFMPA	ND	0.46	0.035	ug/kg	
863090-89-5	PFMBA	ND	0.46	0.069	ug/kg	
151772-58-6	NFDHA	ND	0.46	0.15	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.93	0.30	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.93	0.21	ug/kg	
113507-82-7	PFEESA	ND	0.46	0.035	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.28	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.8	0.72	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.8	0.73	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	75%		8-130%
	13C5-PFPeA	71%		35-130%
	13C5-PFHxA	72%		40-130%
	13C4-PFHpA	69%		40-130%
	13C8-PFOA	74%		40-130%
	13C9-PFNA	74%		40-130%
	13C6-PFDA	71%		40-130%
	13C7-PFUnDA	79%		40-130%
	13C2-PFDoDA	78%		40-130%
	13C2-PFTeDA	88%		20-130%
	13C3-PFBS	73%		40-135%
	13C3-PFHxS	74%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609A
SDG #: JE14670
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1 of 1
Reviewer: DVB
2nd Reviewer: CW

Method: PFAS (EPA 1633)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	LC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	RSD ≤ 20% ICV ≤ 30%
IV	Continuing Calibration/ISC/Bile Salt	A	CCV ≤ 30% ISC ≤ 30%
V	Laboratory Blanks	A	
VI	Field Blank	N	
VII	Matrix spike/Matrix spike duplicates	SW	
VIII	Laboratory Control Sample/Low Level LCS	A/A	
IX	Field Duplicate	N	
X	Internal standards	A	
XI	Target Analyte Quantitation	A	Results < RL > MDL = J dets
XII	Target Analyte Identification	A	
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB018 (4'-10')	JE14670-17		Soil	07/07/2025	Category B
2	SB018 (4'-10')MS	JE14670-17MS	MS	Soil	07/07/2025	Category B
3	SB018 (4'-10')MSD	JE14670-17MSD	MSD	Soil	07/07/2025	Category B

Notes:

OP65483-MB		
TG0138 - IBLK		
TG0128 -		

METHOD: LC/MS PFAS (EPA Method 1633)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. LC/MS Instrument performance check				
Were the instrument performance reviewed and found to be within the validation criteria?	✓			
III. Initial Calibration and Initial Calibration Verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) < 20%?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the coefficient of determination (r^2) criteria of > 0.990?			✓	
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were the retention time windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) of the initial calibration verification < 30%?	✓			
IV. Continuing Calibration and Instrument Sensitivity Check				
Was a continuing calibration analyzed prior to sample analysis, after every 10 samples and at the end of the analytical sequence?	✓			
Were all percent differences (%D) of the continuing calibration < 30%?	✓			
Were all the retention times within the acceptance windows	✓			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were all percent differences (%D) of the Instrument Sensitivity Check < 30%?	✓			
Were the RTs for the bile salt peaks outside the RT window of PFOS by at least one minute?			✓	
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field Blanks				
Were field blanks identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Matrix Spike/Matrix Spike Duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?		✓		
VIII. Laboratory control samples				
Was an LCS analyzed per extraction batch for this SDG?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
IX. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	

Validation Area	Yes	No	NA	Findings/Comments
X. Internal Standards				
Were extracted internal standard (EIS) percent recoveries (%R) within QC limits?	✓			
Were non-extracted internal standard (NIS) areas within 50-200% of the average area of the calibration standards?	✓			
Were NIS retention times within 0.4 minutes of the initial calibration midPoint?	✓			
XI. Target Analyte Quantitation				
Did the laboratory reporting limits (i.e. DL, LOD, LOQ) meet the QAPP?			✓	
Did reported results include both branched and linear isomers?	✓			
Were the correct ion transition, labeled compound and relative response factor (RRF) used to quantitate the compound?	✓			
Were compound retention times within 0.1 minutes of the associated labeled compound for compounds with a labeled analog?	✓			
Were analyte quantitation and reporting limits adjusted to reflect all sample dilutions and dry weight factors applicable to Stage 4 validation?	✓			
XII. Target Analyte Identification				
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were two transitions and the ion transition ratio per analyte monitored and documented with the exception of PFBA and PFPeA?	✓			
Were ion ratios between 50-150%?	✓			
Were manual integrations reviewed and found acceptable?	✓			
Did the laboratory provide before and after integration printouts?	✓			
XIII. Overall assesment of Data				
Overall assessment of data was found to be acceptable.	✓			

LDC#: 61609A

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates

Reviewer: JVG

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)
Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample.
Percent recoveries (%R) and %RPD were within QC limits with the exceptions identified below.

MS/MSD ID	Analyte	MS %R	MSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
2/3	Perfluorooctanesulfonic acid	161	203	65-160			1 (DET)	NQ *
	5:3 Fluorotelomer carboxylate	138	133	60-130			(ND)	J det/A
	7:3 Fluorotelomer carboxylate	154	-	60-150			(ND)	
								* Parent conc > 4x spike

LDC #: 61609A

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of Compound
C_x = Concentration of compound
S= Standard deviation of the RRFs

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard
X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF 2.5	Recalculated RRF 2.5	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL T6Q128	7/10/2025	PFOA (M8-PFOA)	0.6717	0.6717	0.7157	0.7157	11.240	11.239
			PFOS (M8-PFOS)	1..6884	1.6885	1.9082	1.9055	8.229	6.140

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound	(IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
	6Q1394.d	7/21/2025	PFOA	(M8-PFOA)	2.500	2.312	2.312	7.5	7.5
			PFOS	(M8-PFOS)	2.320	2.178	2.178	6.1	6.1

LDC # 61609A

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates Results Verification

Reviewer: JVG

METHOD: LC/MS PFAS (EPA Method 1633)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked concentration SC = Sample concentration
SA = Spike added
MS = Matrix spike recovery MSD = Matrix spike duplicate recovery

RPD = | MS - MSD | * 2/(MS + MSD)

MS/MSD ID: 2/3

Compound	SA (ug/Kg)		SC (ug/Kg)	SSC (ug/Kg)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
PFOA	2.81	2.86	0	3.30	3.30	117	117	115	115	0	0
PFOS	2.61	2.66	20.2	24.40	25.60	161	161	203	203	5	5

LDC # 61609A

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: LC/MS PFAS (EPA Method 1633)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: OP65483-BS

Compound	SA (ug/Kg)		SSC (ug/Kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
					Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
PFOA	2.5	NA	2.80	NA	112	112				
PFOS	2.3	NA	2.40	NA	103	103				

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: LC/MS PFAS (EPA Method 1633)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Ve)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Cis = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Vf = Final volume extract
Vo = Volume or weight of sample

Sample #	Compound	Ax	Ais	Cis (ng/mL)	RRF	DF	Vf (uL)	Vo (g)	% S/100	Calculated Concentration (ug/Kg)	Reported Concentration (ug/Kg)	% Diff
1	PFOS	326781	24467	2.500	1.9082	1.000	5.0	5.12	0.84	20.246	20.200	0

Site:	60 Alexander Street, Yonkers, NY
Laboratory:	SGS North America, Inc., Dayton, NJ
SDG:	JE14670
Reviewer:	Dailey Sparks and Pei Geng/Laboratory Data Consultants for Laboratory Data Consultants for P.W. Grosser Consulting - Bohemia, NY
Date:	October 15, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
SB018 4-10 No Dilution	JE14670-17	Metals, Wet Chemistry
SB018 4-10MS	JE14670-17MS	Metals, Wet Chemistry
SB018 4-10MS2	JE14670-17MS2	Metals, Wet Chemistry
SB018 4-10DUP	JE14670-17DUP	Wet Chemistry

Associated QC Samples(s):

Field/Trip Blanks:	None Associated
Field Duplicate pair:	None Associated

The above-listed soil sample was collected on July 7, 2025 and was analyzed for metals by SW-846 methods 6010D and 7471B, cyanide by SW-846 method 9012B, and hexavalent chromium by SW-846 method 7196A. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for ICP-AES Data Validation,* SOP No. HW-3a, ISM02.2, Revision 1 (September 2016), USEPA Region 2 *Standard Operating Procedure for Mercury and Cyanide Data Validation,* SOP No. HW-3c, ISM02.2, Revision 1 (September 2016), and the USEPA *National Functional Guidelines for Inorganic Superfund Data Review,* EPA 542-R-20-006 (November 2020)

The inorganic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Instrument Calibration
- Blank Analysis Results
- Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Result
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Duplicate Results
- Laboratory Control Sample (LCS) Results
- Serial Dilution Results
- Field Duplicate Results
- Detection Limits Results
- Sample Quantitation Results

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to laboratory quality control outliers.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

Initial and Continuing Calibration

All criteria were met.

ICP Interference Check Sample Analysis

Metals

All criteria were met.

Blanks

Contamination was not detected in the method blanks.

A field blank was not associated with this sample set. Validation action was not required on this basis.

MS/MSD Results

Metals

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Analyte	MS %R	MSD %R	Limits	Validation Action
SB018 4-10MS/MSD (SB018 4-10)	Aluminum	172.5	-	75-125	J (all detects)
	Iron	155	-	75-125	J (all detects)
SB018 4-10MS/MSD (SB018 4-10)	Antimony	70.8	-	75-125	UJ (all non-detects)

Relative percent differences (RPD) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Analyte	RPD (≤20)	Validation Action
SB018 4-10MS/MSD (SB018 4-10)	Aluminum	25.4	J (all detects)
	Iron	24.6	J (all detects)

Wet Chemistry

Matrix spike (MS) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Analyte	%R	Limits	Validation Action
SB018 4-10MS (SB018 4-10)	Hexavalent chromium	0	75-125	UJ (all non-detects)

For SB018 4-10MS, although the MS percent recovery was severely low for hexavalent chromium, using professional judgement, the associated sample result was qualified as nondetect (UJ) since the LCS recovery was within the QC limits for this analyte.

Laboratory Duplicate Results

Metals

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

Wet Chemistry

All criteria were met.

Serial Dilution

Metals

All criteria were met.

LCS Results

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Detection Limits Results

No results were reported below the reporting limit (RL) and above the method detection limit (MDL) in the metals and wet chemistry analyses.

Dilutions were not required for metals and wet chemistry analyses.

Sample Quantitation Results

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

SGS North America Inc.

Report of Analysis

4.29 4

Client Sample ID:	SB018 (4'-10')		
Lab Sample ID:	JE14670-17	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	84.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	2520 J	59	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Antimony	<2.3 UJ	2.3	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	3.5	2.3	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Barium	40.6	23	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	<0.23 U	0.23	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	<0.59 U	0.59	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Calcium	927	590	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Chromium	5.2	1.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	<5.9 U	5.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Copper	38.2	2.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Iron	6010 J	59	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Lead	48.6	2.3	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	720	590	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Manganese	45.3	1.8	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Mercury	0.32	0.033	mg/kg	1	07/08/25	07/08/25	CM	SW846 7471B [1]	SW846 7471B [3]
Nickel	11.9	4.7	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Potassium	<1200 U	1200	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Selenium	<2.3	2.3	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Silver	<0.59	0.59	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Sodium	<1200	1200	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Thallium	<1.2 Q	1.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	8.6	5.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]
Zinc	45.8	5.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA58906
(2) Instrument QC Batch: MA58936
(3) Prep QC Batch: MP55681
(4) Prep QC Batch: MP55735

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OCT 15 2025

RL = Reporting Limit

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609A
SDG #: JE14670
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1/1
Reviewer: DS
2nd Reviewer:

Method: Metals (EPA 6010D); Mercury (EPA 7471B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	Initial Calibration	A	
III	ICV/Continuing Calibration	A	
IV	ICP Interference Check Sample (ICS) Analysis	A	
V	Laboratory Blanks	A	
VI	Field Blank	N	
VII	Matrix Spike/Matrix Spike Duplicate	SW	
VIII	Laboratory Duplicate	N	
IX	Serial Dilution	A	
X	Laboratory Control Sample	A	LCS
XI	Field Duplicate	N	
XII	Target Analyte Quantitation	A	MDL< No Sample < RL
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB018 4-10 No Dilutions	JE14670-17		Soil	07/07/2025	Category B
2	SB018 4-10MS	JE14670-17MS	MS	Soil	07/07/2025	Category B
3	SB018 4-10MSD	JE14670-17MSD	MSD	Soil	07/07/2025	Category B

Notes:

LDC #: 61609A

All elements are applicable to each sample as noted below.

Sample ID	Matrix	Method	Target Analyte List
1	Soil	6010D	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, Tl, V, Zn
↓	↓	7471B	Hg
QC			
2,3	Soil	6010D	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, Tl, V, Zn

Comments:

VALIDATION FINDINGS CHECKLIST

Reviewer: DS

LDC #: 61609A	METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)			
Validation Area	**Yes**	**No**	**NA**	**Comments**
I. Technical holding times				
Were all technical holding times met?	YES			
Were all water samples preserved to a pH of <2.	YES			
II. ICP-MS Tune				
Were mass resolutions within 0.1 amu for all isotopes in the tuning solution?			NA	
Were %RSDs of isoptoes in the tuning solution ≤5%?			NA	
III. Calibration				
Were all instruments calibrated daily?	YES			
Were the proper standards used?	YES			
Were all initial and continuing calibration verifications within the 90-110% (80-120% for mercury) QC limits?	YES			
Were the low level standard checks within 70-130%?	YES			
Were all initial calibration correlation coefficients within limits as specifed by the method?	YES			
IV. Interference Check Sample				
Were the interference check samples performed daily?	YES			
Were the AB solution recoveries within 80-120%?	YES			
V. Blanks				
Was a method blank associated with every sample in this SDG?	YES			
Was there contamination in the method blanks?		NO		
Was there contamination in the initial and continuing calibration blanks?		NO		
VI. Field Blanks				
Were field blanks identified in this SDG?		NO		
Were target analytes detected in the field blanks?			NA	
VII. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)		NO		
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?		NO		

IX. Serial Dilution				
Were all percent differences (<10%)	Yes			
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.		No		
X. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	YES			
Were the LCS recoveries and RPDs (if applicable) within QC limits?	YES			
XI. Field Duplicates				
Were field duplicates identifed in this SDG?		NO		
Were target analytes detected in the field duplicates?			NA	
VII. Internal Standards				
Were all percent recoveries within the 30-120% (60-125% for EPA Method 200.8) QC limits?			NA	
If the recoveries were outside the limits, was a reanalysis performed?			NA	
XIII. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	YES			
Were all soil samples dry weight corrected?	YES			
XIV. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	YES			

VALIDATION FINDINGS WORKSHEETS
Matrix Spike/Matrix Spike Duplicates

Reviewer: DS

LDC #: 61609A

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

MS/MSD analysis was performed by the laboratory. All MS/MSD percent recoveries (%R) and relative percent differences (RPDs) were within the acceptable limits with the following exceptions:

MS/MSD ID	Matrix	Analyte	MS %R	MSD %R	%R Limit	RPD	RPD Limit	PDS R %	PDS R% Limit	Associated Samples	Qualification	Det/ND
2, 3	Water	Aluminum	172.5		75-125			NA	80-120	1	J Dets/A	Det
↓	↓	Iron	155		75-125			NA	↓	↓	J Dets/A	Det
↓	↓	Antimony	70.8		75-125			NA	↓	↓	J/UJ/A	ND
2, 3	↓	Aluminum				25.4	20			↓	JDets/A	Det
↓	↓	Iron				24.6	20			↓	↓	Det

Comment:

VALIDATION FINDINGS CHECKLIST
Calibration Calculation Verification

LDC #: 61609A

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
An intial calibration verification (ICV), continuing calibration verification (CCV), low level calibration check (LLCC), and interference check sample
%R = (Found/True) x 100 Found = concentration of each analyte measured in the analysis
True = concentration of each analyte in the source

Standard ID	Type of Analysis	Element	Found (ug/L)	True (ug/L)	Recalculated %R	Reported %R	Acceptable (Y/N)
ICV	ICP	Al	39500	40000	98.75	98.8	Y
CCV	ICP	Cd	1990	2000	99.5	99.5	Y
LLCC	ICP	Mn	15.9	15	106	106	Y
ICSAB	ICP	Cu	523	500	104.6	104.6	Y
ICV	ICP-MS				NA	NA	NA
CCV	ICP-MS				NA	NA	NA
LLCC	ICP-MS				NA	NA	NA
ICSAB	ICP-MS				NA	NA	NA
ICV	CVAA	Hg	2.98	3	99.3	99.3	Y
CCV	CVAA	Hg	2.48	2.5	99.2	99.2	Y

ICP-MS Tune	QC Parameter	Mass	Actual	Required
NA	Mass Axis			± 0.1 amu
NA	%RSD			≤ 5%

VALIDATION FINDINGS WORKSHEET
Quality Control Sample Recalculations

LDC #: 61609A

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Percent recoveries (%R) for the laboratory control sample (LCS), matrix spike (MS), and post digestion spike (PDS) were recalculated using
%R = (Found/True) x 100
Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)
True = concentration of each analyte in the source
The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:
RPD = (Absolute value(S-D)x 200) / (S+D)
S = Original sample concentration
D = Duplicate sample concentration
The serial dilution percent difference (%D) was recalculated using the following formula.
%D = (Absolute value (I - SDR)) x 100 / (I)
I = Initial sample result
SDR = Serial dilution result (with a 5x dilution applied)

Sample ID	Type of Analysis	Element	Found/S/I	True/D/SDR	Recalculated %R/RPD/%D	Reported %R/RPD/%D	Acceptable (Y/N)
MP55680	LCS	Hg	0.34	0.333	102	102	Y
2	MS	As	213.5	237	90.1	90.1	Y
2, 3	Duplicate	Zn	89.5	83.7	6.7	6.7	Y
NA	PDS				NA	NA	NA
1 SD	Serial dilution	K	11400	10500	7.9	7.7	Y

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: DS

LDC #: 61609A

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

Analytes were recalculated and verified using the following equation:
Concentration = (Result from raw data x Final volume x Dilution factor) / (Percent solids x Initial weight)

Sample ID	Analyte	Raw Data (mg/l)	Dilution	Initial Weight/ Volume (g)	Final Volume (mL)	Percent solids (%)	Reported Result (mg/kg)	Recalculated Result (mg/kg)	Acceptable (Y/N)
1	Aluminum	21.5	1	33726.4	33750.2	84.4	2520	2549	Y

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB018 (4'-10')		
Lab Sample ID:	JE14670-17	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	84.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

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General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	<0.48 U J	0.48	mg/kg	1	07/14/25 12:56	RI	SW846 3060A/7196A
Cyanide	<0.27 U	0.27	mg/kg	1	07/09/25 19:24	SS	SW846 9012B/LACHAT
Solids, Percent	84.4		%	1	07/08/25 11:30	RB	SM2540 G 18TH ED MOD

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OCT 15 2025

RL = Reporting Limit

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609A
SDG #: JE14670
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1/1
Reviewer: DS
2nd Reviewer:

Method: Cyanide (EPA 9012B); Hexavalent Chromium (EPA 7196A)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	Initial Calibration	A	
III	ICV/Continuing Calibration	A	
IV	Laboratory Blanks	A	
V	Field Blank	N	
VI	Matrix Spike/Matrix Spike Duplicate	SW	
VII	Laboratory Duplicate	A	
VIII	Laboratory Control Sample	A	LCS
IX	Field Duplicate	N	
X	Target Analyte Quantitation	A	MDL < No Sample < RL
XI	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB018 4-10 No Dilution	JE14670-17		Soil	07/07/2025	Category B
2	SB018 4-10MS	JE14670-17MS	MS	Soil	07/07/2025	Category B
3	SB018 4-10MS2	JE14670-17MS2	MS2	Soil	07/07/2025	Category B
4	SB018 4-10DUP	JE14670-17DUP	DUP	Soil	07/07/2025	Category B

Notes:

LDC #: 61609A

All elements are applicable to each sample as noted below.

Sample ID	Matrix	Method	Target Analyte List
1	Soil	EPA 9012B	Cyanide
1	Soil	EPA 7496A	Hexavalent Chromium
QC			
2-4	Soil	EPA 9012B	Cyanide
2-4	Soil	EPA 7496A	Hexavalent Chromium

Comments:

VALIDATION FINDINGS CHECKLIST

Reviewer: DS

LDC #: 61609A		METHOD: Inorganics			
Validation Area	**Yes**	**No**	**NA**	**Comments**	
I. Technical holding times					
Were all technical holding times met?	YES				
II/III Calibration					
Were all instruments calibrated at the required frequency?	YES				
Were the proper number of standards used?	YES				
Were all initial and continuing calibration verifications within the QC limits?	YES				
Were all initial calibration correlation coefficients within limits as specifed by the method?	YES				
Were balance checks performed as required?	YES				
IV Blanks					
Was a method blank associated with every sample in this SDG?	YES				
Was there contamination in the method blanks?		NO			
Was there contamination in the initial and continuing calibration blanks?		NO			
V. Field Blanks					
Were field blanks identified in this SDG?		NO			
Were target analytes detected in the field blanks?			NA		
VI. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates					
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)		NO			
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?	YES				
VIII. Laboratory Control Samples					
Was a LCS analyzed for each batch in the SDG?	YES				
Were the LCS recoveries and RPDs (if applicable) within QC limits?	YES				
IX. Field Duplicates					
Were field duplicates identifed in this SDG?		NO			
Were target analytes detected in the field duplicates?			NA		
X. Sample Result Verification					
Were all reporting limits adjusted to reflect sample	YES				
Were all soil samples dry weight corrected?	YES				
XI. Overall Assessment of Data					
Was the overall assessment of the data found to be acceptable?	YES				

VALIDATION FINDINGS WORKSHEETS
Matrix Spikes

Reviewer: DS

LDC #: 61609A

METHOD: Inorganics

MS analysis was performed by the laboratory. All MS percent recoveries (%R) were within the acceptable limits with the following exceptions:

MS ID	Matrix	Analyte	MS %R	%R Limit	Associated Samples	Qualification	Det/ND
2	Soil	Hexavalent Chromium	0	75-125	1	*J/UJ/A	ND

Comment: * (2): Matrix interference, LCS passed, /R changed to /UJ

VALIDATION FINDINGS CHECKLIST

Initial and Continuing Calibration Calculation Verification

Reviewer: DS

METHOD: Inorganics

The correlation

Calibration date: 7/14/2025

An initial or continuing calibration verification percent recovery (%R) was recalculated for each type of analysis using the following formula:

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis of the ICV or CCV solution

True = concentration of each analyte in the ICV or CCV source

Type of Analysis	Analyte	Standard	Concentration (mg/L)	Area	Recalculated r or r^2	Reported r or r^2	Acceptable (Y/N)
Initial Calibration	Hexavalent Chromium	s1	0	0	0.99986	0.99989	Y
		s2	0.01	0.011			
		s3	0.05	0.052			
		s4	0.1	0.103			
		s5	0.3	0.292			
		s6	0.5	0.509			
		s7	0.8	0.791			
		s8	1	1.007			
		s9					
		s10					
		s11					
		s12					

Type of Analysis	Analyte	Found (mg/L)	True (mg/L)		Recalculated %R	Reported %R	Acceptable (Y/N)
Calibration verification	Cyanide	0.386	0.4		96.5	96.5	Y
Calibration verification	Cyanide	0.377	0.4		94.3	94.3	Y
Calibration verification	Hexavalent Chromium	0.4876	0.5		97.52	97.52	Y

VALIDATION FINDINGS CHECKLIST

Quality Control Sample Recalculations

Reviewer: DS

LDC #: 61609A

METHOD: Inorganics

Percent recoveries (%R) for the laboratory control sample (LCS) and matrix spike (MS) were recalcuated using the following formula:

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)

True = concentration of each analyte in the source

The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

RPD = (Absolute value(S-D)x 200) / (S+D)

S = Original sample concentration

D = Duplicate sample concentration

Sample ID	Type of Analysis	Element	Found/S	True/D	Recalculated %R/RPD	Reported %R/RPD	Acceptable (Y/N)
GP62405	LCS	Cyanide	5.16	4.8	107.5	107.5	Y
2	MS	Hexavalent Chromium	0.0	46.1	0	0	Y
4	Duplicate	Hexavalent Chromium	0.0	0.0	0	0	Y

VALIDATION FINDINGS CHECKLIST

Sample Calculation Verification

Reviewer: DS

LDC #: 61609A

METHOD: Inorganics

Analytes were recalculated and verified using the following equation:

Concentration = (Result from raw data x Final volume x Dilution factor) / (Percent solids (if applicable) x Initial weight or volume)

Sample ID	Analyte	Raw Data (mg/L)	Dilution	Initial Weight (g)	Final Volume (mL)	Percent solids (%)	Reported Result (mg/kg)	Recalculated Result (mg/kg)	Acceptable (Y/N)
1	Cyanide	-0.004	1	2.45	100	84.4	<0.27	-0.193442	Y

Site:	60 Alexander Street, Yonkers, NY
Laboratory:	SGS North America, Inc., Dayton, NJ
SDG:	JE14670R
Reviewer:	Dailey Sparks, Jonathon Carmichael, and Pei Geng/Laboratory Data Consultants for Laboratory Data Consultants for P.W. Grosser Consulting - Bohemia, NY
Date:	October 15, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
SB020 18-20	JE14670-3R	Metals

Associated QC Samples(s):

Field/Trip Blanks: None Associated
Field Duplicate pair: None Associated

The above-listed soil sample was collected on July 7, 2025 and was analyzed for metals by SW-846 methods 6010D and 7471B. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for ICP-AES Data Validation,* SOP No. HW-3a, ISM02.2, Revision 1 (September 2016), USEPA Region 2 *Standard Operating Procedure for Mercury and Cyanide Data Validation,* SOP No. HW-3c, ISM02.2, Revision 1 (September 2016), and the USEPA *National Functional Guidelines for Inorganic Superfund Data Review,* EPA 542-R-20-006 (November 2020)

The inorganic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Instrument Calibration
- Blank Analysis Results
- Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Result
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Duplicate Results
- Laboratory Control Sample (LCS) Results
- Serial Dilution Results
- Field Duplicate Results
- Detection Limits Results
- Sample Quantitation Results

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to laboratory quality control outliers.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

Initial and Continuing Calibration

All criteria were met.

ICP Interference Check Sample Analysis

All criteria were met.

Blanks

Contamination was not detected in the method blanks.

A field blank was not associated with this sample set. Validation action was not required on this basis.

MS/MSD Results

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

Laboratory Duplicate Results

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

Serial Dilution

Serial dilution was not performed for this SDG.

LCS Results

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Detection Limits Results

No results were reported below the reporting limit (RL) and above the method detection limit (MDL) in the metals analysis.

Dilutions were not required for metals analysis.

Sample Quantitation Results

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB020 18-20		
Lab Sample ID:	JE14670-3R	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
		Percent Solids:	66.5
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	3670	78	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Antimony	<3.1 U	3.1	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Arsenic	6.8	3.1	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Barium	63.5	31	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Beryllium	0.39	0.31	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Cadmium	<0.78 U	0.78	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Calcium	1770	780	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Chromium	7.3	1.6	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Cobalt	<7.8 U	7.8	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Copper	26.2	3.9	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Iron	5630	78	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Lead	80.3	3.1	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Magnesium	<780 U	780	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Manganese	95.1	2.3	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Mercury	0.35	0.043	mg/kg	1	07/30/25	07/30/25	CM	SW846 7471B [1]	SW846 7471B [4]
Nickel	14.4	6.2	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Potassium	<1600 U	1600	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Selenium	<3.1	3.1	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Silver	<0.78	0.78	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Sodium	<1600	1600	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Thallium	<1.6	1.6	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Vanadium	19.6	7.8	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]
Zinc	41.6	7.8	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA59047
(2) Instrument QC Batch: MA59051
(3) Prep QC Batch: MP56210
(4) Prep QC Batch: MP56228

PG

OCT 15 2025

RL = Reporting Limit

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609B
SDG #: JE14670R
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1/1
Reviewer: DS
2nd Reviewer: SL

Method: Metals (EPA 6010D); Mercury (EPA 7471B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	Initial Calibration	A	
III	ICV/Continuing Calibration	A	
IV	Laboratory Blanks	A	
V	Field Blank	N	
VI	Matrix Spike/Matrix Spike Duplicate	N	
VII	Laboratory Duplicate	N	
VIII	Serial Dilution	N	
IX	Laboratory Control Sample	A	LCS
X	Field Duplicate	N	
XI	Target Analyte Quantitation	A	MDL < No Sample < RL
XII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB020 18-20 No Dilutions	JE14670-3R		Soil	07/07/2025	Category B

Notes:

LDC #: 61609B

All elements are applicable to each sample as noted below.

Sample ID	Matrix	Method	Target Analyte List
1	Solid	6010D	Al, Sn, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, Th, V, Zn
1	Solid	7471B	Hg

Comments:

VALIDATION FINDINGS CHECKLIST

Reviewer: DS

LDC #: 61609B	METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)		

Validation Area	Yes	No	NA	Comments
I. Technical holding times				
Were all technical holding times met?	YES			
Were all water samples preserved to a pH of <2.	YES			
II. ICP-MS Tune				
Were mass resolutions within 0.1 amu for all isotopes in the tuning solution?			NA	
Were %RSDs of isoptoes in the tuning solution ≤5%?			NA	
III. Calibration				
Were all instruments calibrated daily?	YES			
Were the proper standards used?	YES			
Were all initial and continuing calibration verifications within the 90-110% (80-120% for mercury) QC limits?	YES			
Were the low level standard checks within 70-130%?	YES			
Were all initial calibration correlation coefficients within limits as specifed by the method?	YES			
IV. Interference Check Sample				
Were the interference check samples performed daily?	YES			
Were the AB solution recoveries within 80-120%?	YES			
V. Blanks				
Was a method blank associated with every sample in this SDG?	YES			
Was there contamination in the method blanks?		NO		
Was there contamination in the initial and continuing calibration blanks?		NO		
VI. Field Blanks				
Were field blanks identified in this SDG?		NO		
Were target analytes detected in the field blanks?		NO	NA	
VII. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)			NA	
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?			NA	

IX. Serial Dilution				
Were all percent differences (<10%)			NA	
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.			NA	
X. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	YES			
Were the LCS recoveries and RPDs (if applicable) within QC limits?	YES			
XI. Field Duplicates				
Were field duplicates identifed in this SDG?		NO		
Were target analytes detected in the field duplicates?			NA	
VII. Internal Standards				
Were all percent recoveries within the 30-120% (60-125% for EPA Method 200.8) QC limits?			NA	
If the recoveries were outside the limits, was a reanalysis performed?			NA	
XIII. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	YES			
Were all soil samples dry weight corrected?	YES			
XIV. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	YES			

VALIDATION FINDINGS CHECKLIST

Calibration Calculation Verification

Reviewer: DS

LDC #: 61609B

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

An intial calibration verification (ICV), continuing calibration verification (CCV), low level calibration check (LLCC), and interference check sample

%R = (Found/True) x 100 Found = concentration of each analyte measured in the analysis

True = concentration of each analyte in the source

Standard ID	Type of Analysis	Element	Found (ug/L)	True (ug/L)	Recalculated %R	Reported %R	Acceptable (Y/N)
ICV	ICP	Sb	2020	2000	101	101	Y
CCV	ICP	Pb	2030	2020	100.5	101	Y
LLCC	ICP	Be	2.1	2	105	105	Y
ICSAB	ICP	Cr	485	500	97	97	Y
ICV	ICP-MS				NA	NA	NA
CCV	ICP-MS				NA	NA	NA
LLCC	ICP-MS				NA	NA	NA
ICSAB	ICP-MS				NA	NA	NA
ICV	CVAA	Hg	3.02	3	100.7	100.7	Y
CCV	CVAA	Hg	2.49	2.5	99.6	99.6	Y

ICP-MS Tune	QC Parameter	Mass	Actual	Required
NA	Mass Axis			± 0.1 amu
NA	%RSD			≤ 5%

VALIDATION FINDINGS WORKSHEET
Quality Control Sample Recalculations

LDC #: 61609B

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Percent recoveries (%R) for the laboratory control sample (LCS), matrix spike (MS), and post digestion spike (PDS) were recalculated using
%R = (Found/True) x 100
Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)
True = concentration of each analyte in the source
The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:
RPD = (Absolute value(S-D)x 200) / (S+D)
S = Original sample concentration
D = Duplicate sample concentration
The serial dilution percent difference (%D) was recalculated using the following formula.
%D = (Absolute value (I - SDR)) x 100 / (I)
I = Initial sample result
SDR = Serial dilution result (with a 5x dilution applied)

Sample ID	Type of Analysis	Element	Found/S/I	True/D/SDR	Recalculated %R/RPD/%D	Reported %R/RPD/%D	Acceptable (Y/N)
MP56228	LCS	Hg	0.34	0.333	102	102	Y
NA	MS				#DIV/0!		---
NA	Duplicate				#DIV/0!		---
NA	PDS				#DIV/0!		---
NA	Serial dilution				#DIV/0!		---

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: DS

LDC #: 61609B

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

Analytes were recalculated and verified using the following equation:
Concentration = (Result from raw data x Final volume x Dilution factor) / (Percent solids x Initial weight)

Sample ID	Analyte	Raw Data (mg/l)	Dilution	Initial Weight/ Volume (g)	Final Volume (mL)	Percent solids (%)	Reported Result (mg/kg)	Recalculated Result (mg/kg)	Acceptable (Y/N)
1	As	0.044	1	0.985	100	66.5	6.8	6.7	Y

Site:	60 Alexander Street, Yonkers, NY
Laboratory:	SGS North America, Inc., Dayton, NJ
SDG:	JE14670U
Reviewer:	Felomina Tanguilig and Pei Geng/Laboratory Data Consultants for P.W. Grosser Consulting - Bohemia, NY
Date:	October 10, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
SB021 6-8	JE14670-7U	VOC
SB021 6-8MS	JE14670-7UMS	VOC
SB021 6-8MSD	JE14670-7UMSD	VOC

Associated QC Samples(s):

Field/Trip Blanks:	None Associated
Field Duplicate pair:	None Associated

The above-listed soil sample was collected on July 7, 2025 and was analyzed for volatile organic compounds (VOC) by SW-846 method 8260D. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for Validating Volatile Organic Compounds By Gas Chromatography/Mass Spectrometry,* SOP HW-24, Revision 4 (October 2014) and the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review,* EPA 540-R-20-005 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The organic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Initial and Continuing Calibrations
- Blank Analysis Results
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Target Analyte Identification

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to sample matrix or laboratory quality control outliers with the exceptions listed below.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

GC/MS Tunes

All criteria were met.

Initial and Continuing Calibrations

All criteria were met.

Blanks

Contamination was not detected in the method blanks.

A field blank was not associated with this sample set. Validation action was not required on this basis.

Surrogate Recoveries

All criteria were met.

MS/MSD Results

All criteria were met.

LCS Results

All criteria were met.

Internal Standards

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Quantitation Limits and Data Assessment

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL) in the VOC analysis. These results were qualified as estimated (J) by the laboratory.

Due to high target analyte levels or difficult sample matrix, select samples were analyzed at dilutions. The following table lists the sample dilutions which were performed and the results reported. RLs were elevated accordingly.

Sample	VOC Analysis Reported
SB021 6-8	50-fold dilution due to nature of sample matrix

Sample Quantitation and Target Analyte Identification

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

JN - The analysis indicates the presence of an analyte that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

Raw Data: GA23922U.D

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB021 6-8		
Lab Sample ID:	JE14670-7U	**Date Sampled:**	07/07/25
Matrix:	SO - Soil	**Date Received:**	07/07/25
Method:	SW846 8260D	**Percent Solids:**	89.7
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GA23922U.D	1	07/14/25 14:50	JN	n/a	n/a	VGA660
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	2.8 g	10.0 ml	100 ul
Run #2			

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	615	410	83	ug/kg	
135-98-8	sec-Butylbenzene	ND U	410	88	ug/kg	
98-06-6	tert-Butylbenzene	ND U	410	100	ug/kg	
91-20-3	Naphthalene	937 J	1000	510	ug/kg	J
103-65-1	n-Propylbenzene	1380	410	96	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	918	410	100	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	284 J	410	88	ug/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-124%
17060-07-0	1,2-Dichloroethane-D4	91%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	98%		58-148%

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OCT 15 2025

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609C
SDG #: JE14670U
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1
Reviewer: KJ
2nd Reviewer:

Method: Volatiles (EPA 8260D)

THC

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/Δ	
II	GC/MS Instrument Performance Check	Δ	
III	Initial Calibration/ ICV	A/Δ	0/0 RSD ≤ 20 ICV ≤ 30
IV	Continuing Calibration	Δ	CCV ≤ 20
V	Laboratory Blanks	A	
VI	Field Blank	N	
VII	Surrogate Spikes	Δ	
VIII	Matrix Spike/Matrix Spike Duplicate	N A	CLS
IX	Laboratory Control Sample	A	LCS
X	Field Duplicate	N	
XI	Internal standards	Δ	
XII	Target Analyte Quantitation	Δ	Result < RL > MDL = Jdet
XIII	Target Analyte Identification	Δ	
XIV	Overall Assessment of Data	Δ	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB021 6-8 50X	JE14670-7U		Soil	07/07/2025	Category B
2	SB021 6-8MS	JE14670-7UMS	MS	Soil	07/07/2025	Category B
3	SB021 6-8MSD	JE14670-7UMSD	MSD	Soil	07/07/2025	Category B

Notes:

VGA660		

Method: Volatiles (EPA SW 846 Method 8260B)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS instrument performance check				
Were the BFB performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓		✓	
Were all percent relative standard deviations (%RSD) ≤ 15% 20% 15/30% and relative response factors (RRF) ≥ 0.05?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≥ 20% 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) ≥ 0.05?	✓			
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the Blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	✓			

Method: Volatiles (EPA SW 846 Method 8260B)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per analytical batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

TARGET COMPOUND WORKSHEET

METHOD: VOA

A. Chloromethane	AA. Tetrachloroethene	AAA. 1,3,5-Trimethylbenzene	AAAA. Ethyl tert-butyl ether	A1. 1,3-Butadiene	A2. 1,2,4,5-Tetramethylbenzene
B. Bromomethane	BB. 1,1,2,2-Tetrachloroethane	BBB. 4-Chlorotoluene	BBBB. tert-Amyl methyl ether	B1. Hexane	B2. n-Octane
C. Vinyl chloride	CC. Toluene	CCC. tert-Butylbenzene	CCCC. 1-Chlorohexane	C1. Heptane	C2. n-Propyl alcohol
D. Chloroethane	DD. Chlorobenzene	DDD. 1,2,4-Trimethylbenzene	DDDD. Isopropyl alcohol	D1. Propylene	D2. n-Pentane
E. Methylene chloride	EE. Ethylbenzene	EEE. sec-Butylbenzene	EEEE. Acetonitrile	E1. Freon 11	E2. n-Decane
F. Acetone	FF. Styrene	FFF. 1,3-Dichlorobenzene	FFFF. Acrolein	F1. Freon 12	F2. Chlorodifluoromethane
G. Carbon disulfide	GG. Xylenes, total	GGG. p-Isopropyltoluene	GGGG. Acrylonitrile	G1. Freon 113	G2. cis-Decahydronaphthalene
H. 1,1-Dichloroethene	HH. Vinyl acetate	HHH. 1,4-Dichlorobenzene	HHHH. 1,4-Dioxane	H1. Freon 114	H2. trans-Decahydronaphthalene
I. 1,1-Dichloroethane	II. 2-Chloroethylvinyl ether	III. n-Butylbenzene	IIII. Isobutyl alcohol	I1. 2-Nitropropane	I2. n-Nonane
J. 1,2-Dichloroethene, total	JJ. Dichlorodifluoromethane	JJJ. 1,2-Dichlorobenzene	JJJJ. Methacrylonitrile	J1. Dimethyl disulfide	J2. n-Undecane
K. Chloroform	KK. Trichlorofluoromethane	KKK. 1,2,4-Trichlorobenzene	KKKK. Propionitrile	K1. 2,3-Dimethyl pentane	K2. Chloroprene
L. 1,2-Dichloroethane	LL. Methyl-tert-butyl ether	LLL. Hexachlorobutadiene	LLLL. Ethyl ether	L1. 2,4-Dimethyl pentane	L2. n-Butanol
M. 2-Butanone	MM. 1,2-Dibromo-3-chloropropane	MMM. Naphthalene	MMMM. Benzyl chloride	M1. 3,3-Dimethyl pentane	M2. n-Butyl acetate
N. 1,1,1-Trichloroethane	NN. Methyl ethyl ketone	NNN. 1,2,3-Trichlorobenzene	NNNN. Iodomethane	N1. 2-Methylpentane	N2. Nitrobenzene
O. Carbon tetrachloride	OO. 2,2-Dichloropropane	OOO. 1,3,5-Trichlorobenzene	OOOO. 1,1-Difluoroethane	O1. 3-Methylpentane	O2. Methyl bromide
P. Bromodichloromethane	PP. Bromochloromethane	PPP. trans-1,2-Dichloroethene	PPPP. Tetrahydrofuran	P1. 3-Ethylpentane	P2. Methyl chloride
Q. 1,2-Dichloropropane	QQ. 1,1-Dichloropropene	QQQ. cis-1,2-Dichloroethene	QQQQ. Methyl acetate	Q1. 2,2-Dimethylpentane	Q2. Methyl iodide
R. cis-1,3-Dichloropropene	RR. Dibromomethane	RRR. m,p-Xylene	RRRR. Ethyl acetate	R1. 2,2,3- Trimethylbutane	R2. Methylene bromide
S. Trichloroethene	SS. 1,3-Dichloropropane	SSS. o-Xylene	SSSS. Cyclohexane	S1. 2,2,4-Trimethylpentane	S2. 1-Methylnaphthalene
T. Dibromochloromethane	TT. 1,2-Dibromoethane	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	TTTT. Methylcyclohexane	T1. 2-Methylhexane	T2. 3,3-Dimethyl-1-butanol
U. 1,1,2-Trichloroethane	UU. 1,1,1,2-Tetrachloroethane	UUU. 1,2-Dichlorotetrafluoroethane	UUUU. Allyl chloride	U1. Nonanal	U2. Bromoethane
V. Benzene	VV. Isopropylbenzene	VVV. 4-Ethyltoluene	VVVV. Methyl methacrylate	V1. 2-Methylnaphthalene	V2. Hexachloroethane
W. trans-1,3-Dichloropropene	WW. Bromobenzene	WWW. Ethanol	WWWW. Ethyl methacrylate	W1. Methanol	W2. Isobutanol
X. Bromoform	XX. 1,2,3-Trichloropropane	XXX. Di-isopropyl ether	XXXX. cis-1,4-Dichloro-2-butene	X1. 1,2,3-Trimethylbenzene	X2. Cyclohexanone
Y. 4-Methyl-2-pentanone	YY. n-Propylbenzene	YYY. tert-Butanol	YYYY. trans-1,4-Dichloro-2-butene	Y1. 2-Propanol	Y2.
Z. 2-Hexanone	ZZ. 2-Chlorotoluene	ZZZ. tert-Butyl alcohol	ZZZZ. Pentachloroethane	Z1. p-Diethylbenzene	Z2.

LDC #: 61609C

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

RRF = $(A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of Compound
C_x = Concentration of compound
S= Standard deviation of the RRFs

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard
X = Mean of the RRFs

p 118

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF 20 std)	Recalculated RRF (RRF 20 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL GCMS A	6/3/25							
			MMM	1.810	1.810	1.894	1.894	4.82	4.82

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF std)	Recalculated RRF (RRF std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL								

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF std)	Recalculated RRF (RRF std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL								

LDC # 61609C

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	ccv	6/4/25 1239						
			MMM	1.894	1.990	1.990	5.1	5.1

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

LDC # 61609C

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: #1

	Surrogate Spiked (ug/L	Surrogate Found (ug/L	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane	50.0	48.90	98	98	0
1,2-Dichloroethane-d4	↓	45.56	91	91	↓
Toluene-d8		51.66	103	103	
4-Bromofluorobenzene		49.24	98	98	

LDC # 61609C

VALIDATION FINDINGS WORKSHEET
MS/MSD Results Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 C)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

%Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked concentration; SA = Spike added; SC = Sample concentration

RPD = | MS - MSD | * 2/(MS + MSD)

MS = Matrix spike recovery; MSD = Matrix spike duplicate recovery

MS/MSD ID: 2 + 3

Compound	SA (ug/kg)		SC (ug/kg)	SSC (ug/kg)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
~~1,1-Dichloroethene~~ MM	10200	10200	937	11300	~~10200~~ 11900	101	101	105	105	3	3
Trichloroethene DD	↓	↓	918	~~10200~~ 9950	9950	88	88	88	88	0	0
Benzene											
Toluene											
~~Chlorobenzene~~											

LDC # 61609C

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added

LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: VGA660 LCS

Compound	SA (ug/kg)		SSC (ug/kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
~~1,1-Dichloroethene~~ MMM	2500	NA	2440	NA	98	98				
Trichloroethene DDD	2500	↓	2370	↓	95	95	NA			
Benzene										
Toluene										
~~Chlorobenzene~~										

LDC #: 61609C

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GCMS 8260

Results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Final Conc = $\frac{\text{Conc} * Vp * DF}{VS}$

Where:

Ax = Area or height of the peak for the compound to be measured
DF = Dilution factor
CF = Calibration factor from continuing calibration curve
Vs = Volume of sample extracted in milliters (mL)
Vp = Purge Volume

#1 MMM

Concentration = $\frac{(33810)(50)(5)(10.2884)}{(195046)(1.894)(2.8)(0.1)(0.897)}$

= 937.1 ug/kg

%S = 89.7
2.8g MeOH = 100ul
GA239224

Sample #	Analyte	Calculated Concentration (ug/kg)	Reported Concentration (ug/kg)	% Diff
#1	MMM	937.1	937	0

Site:	60 Alexander Street, Yonkers, NY
Laboratory:	SGS North America, Inc., Dayton, NJ
SDG:	JE14764
Reviewer:	Felomina Tanguilig, Josephine Go, and Pei Geng/Laboratory Data Consultants for P.W. Grosser Consulting - Bohemia, NY
Date:	October 15, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
SB015 6-8	JE14764-2	VOC, SVOC, Pesticide, PCB, PFAS

Associated QC Samples(s):

Field/Trip Blanks: TRIP BLANK
Field Duplicate pair: None Associated

The above-listed soil sample was collected on July 8, 2025 and was analyzed for volatile organic compounds (VOC) by SW-846 method 8260D, semivolatile organic compounds (SVOC) by SW-846 methods 8270E, chlorinated pesticides by SW-846 method 8081B, polychlorinated biphenyls (PCB) by SW-846 method 8082A, and perfluoroalkyl and polyfluoroalkyl substances (PFAS) by method 1633. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for Validating Volatile Organic Compounds By Gas Chromatography/Mass Spectrometry,* SOP HW-24, Revision 4 (October 2014), the USEPA Region 2 *Standard Operating Procedure for Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270E,* SOP HW-22, Revision 5 (December 2010), the USEPA Region 2 *Standard Operating Procedure for Validating Pesticide Compounds, Organochlorine Pesticides by Gas Chromatography SW-846 Method 8081B,* SOP HW-44, Revision 1.1 (December 2010), the USEPA Region 2 *Standard Operating Procedure for Validating PCB Compounds, PCBs by Gas Chromatography SW-846 Method 8082A,* SOP HW-45, Revision 1 (October 2006), the Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) under NYSDEC's Part 375 Remedial Programs (April 2023), and the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review,* EPA 540-R-20-005 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The organic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- GC/Electron Capture Detector (GC/ECD) Instrument Performance Checks
- Liquid Chromatography/Mass Spectrometry (LC/MS) Tunes
- Initial and Continuing Calibrations
- Blank Analysis Results
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Target Analyte Identification

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to sample matrix or laboratory quality control outliers with the exceptions listed below.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

GC/MS Tunes

VOC, SVOC

All criteria were met.

GC/ECD Instrument Performance Checks

Pesticide, PCB

All criteria were met.

LC/MS Instrument Performance Check

PFAS

All criteria were met.

Initial and Continuing Calibrations

VOC

Initial calibration:

For analytes where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 20.0%.

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
07/11/25	CCV	Bromomethane	27.2	SB015 6-8	UJ (all non-detects)
		Chloroethane	22.4		UJ (all non-detects)
		Carbon tetrachloride	20.2		UJ (all non-detects)

All of the continuing calibration relative response factors (RRF) were within validation criteria.

SVOC

Initial calibration:

For analytes where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 20.0%.

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
07/11/25	CCV	Hexachlorocyclopentadiene	52.4	SB015 6-8	J (all detects) UJ (all non-detects)
		Acenaphthylene	20.9		J (all detects) UJ (all non-detects)

All of the continuing calibration relative response factors (RRF) were within validation criteria.

Pesticide, PCB, PFAS

All criteria were met.

Blanks

VOC

Contamination was not detected in the method blanks.

No positive results were found in the trip blank sample TRIP BLANK for VOC analysis.

SVOC, Pesticide, PCB, PFAS

Contamination was not detected in the method blanks.

A field blank was not associated with this sample set. Validation action was not required on this basis.

Surrogate Recoveries

VOC, SVOC, Pesticide, PCB

All criteria were met.

MS/MSD Results

VOC, SVOC

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

Pesticide, PFAS

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were not within QC limits. No data were qualified since there were no associated samples in this SDG. Relative percent differences (RPD) were within QC limits.

PCB

All criteria were met.

LCS Results

All criteria were met.

Internal Standards

VOC, SVOC, Pesticide, PFAS

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Quantitation Limits and Data Assessment

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL) in the VOC, SVOC, pesticide, and PFAS analyses. These results were qualified as estimated (J) by the laboratory.

No results were reported below the RL and above the MDL in the PCB analysis.

Sample Quantitation and Target Analyte Identification

Calculations were spot-checked; no discrepancies were noted.

Pesticide

The sample results for detected analytes from the two columns were within 40% relative percent difference (RPD) with the following exceptions:

Sample	Analyte	RPD	Validation Action
SB015 6-8	alpha-BHC	42.6	J (all detects)
	gamma-BHC	90.6	J (all detects)

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

JN - The analysis indicates the presence of an analyte that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB015 6-8		
Lab Sample ID:	JE14764-2	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
Method:	SW846 8260D	**Percent Solids:**	82.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194945.D	1	07/12/25 03:06	JN	n/a	n/a	V3C8459
Run #2							

	Initial Weight
Run #1	6.7 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	6.3	9.1	3.8	ug/kg	J
71-43-2	Benzene	ND	0.45	0.41	ug/kg	
74-97-5	Bromochloromethane	ND	4.5	0.51	ug/kg	
75-27-4	Bromodichloromethane	ND	1.8	0.39	ug/kg	
75-25-2	Bromoform	ND	4.5	1.2	ug/kg	
74-83-9	Bromomethane [a]	ND	4.5	0.69	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.1	2.2	ug/kg	
75-15-0	Carbon disulfide	5.4	1.8	0.49	ug/kg	
56-23-5	Carbon tetrachloride [b]	ND	1.8	0.56	ug/kg	
108-90-7	Chlorobenzene	ND	1.8	0.42	ug/kg	
75-00-3	Chloroethane [a]	ND	4.5	0.54	ug/kg	
67-66-3	Chloroform	ND	1.8	0.91	ug/kg	
74-87-3	Chloromethane	ND	4.5	1.8	ug/kg	
110-82-7	Cyclohexane	ND	1.8	0.60	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.8	0.63	ug/kg	
124-48-1	Dibromochloromethane	ND	1.8	0.51	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.91	0.38	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.91	0.50	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.91	0.45	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.91	0.45	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.5	0.66	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.91	0.45	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.91	0.43	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.91	0.59	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.91	0.76	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.91	0.55	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.8	0.43	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.8	0.43	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.8	0.41	ug/kg	
100-41-4	Ethylbenzene	ND	0.91	0.41	ug/kg	
76-13-1	Freon 113	ND	4.5	2.4	ug/kg	
591-78-6	2-Hexanone	ND	4.5	1.9	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

Report of Analysis

Client Sample ID:	SB015 6-8		
Lab Sample ID:	JE14764-2	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
Method:	SW846 8260D	**Percent Solids:**	82.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.8	1.3	ug/kg	
79-20-9	Methyl Acetate	ND	4.5	1.3	ug/kg	
108-87-2	Methylcyclohexane	ND	1.8	0.79	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.91	0.43	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.5	2.1	ug/kg	
75-09-2	Methylene chloride	ND	4.5	2.4	ug/kg	
100-42-5	Styrene	ND	1.8	0.36	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.8	0.54	ug/kg	
127-18-4	Tetrachloroethene	ND	1.8	0.53	ug/kg	
108-88-3	Toluene	ND	0.91	0.48	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.5	2.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.5	2.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.8	0.44	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.8	0.50	ug/kg	
79-01-6	Trichloroethene	ND	0.91	0.69	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.5	0.62	ug/kg	
75-01-4	Vinyl chloride	ND	1.8	0.44	ug/kg	
	m,p-Xylene	ND	0.91	0.81	ug/kg	
95-47-6	o-Xylene	ND	0.91	0.42	ug/kg	
1330-20-7	Xylene (total)	ND	0.91	0.42	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-124%
17060-07-0	1,2-Dichloroethane-D4	97%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	100%		58-148%

(a) Associated CCV outside of control limits high, sample was ND.
(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

PG

OCT 15 2025

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609D
SDG #: JE14764
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1
Reviewer:
2nd Reviewer:

Method: Volatiles (EPA 8260D) ~~+TIC~~ + TIC

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/Δ	
II	GC/MS Instrument Performance Check	Δ	
III	Initial Calibration/ ICV	A/Δ	%RSD ≤ 20, r² ICV ≤ 30 CCV ≤ 20
IV	Continuing Calibration	SW	
V	Laboratory Blanks	Δ	
VI	Field Blank	ND	TB= TRIP BLANK
VII	Surrogate Spikes	Δ	
VIII	Matrix Spike/Matrix Spike Duplicate	N	CS
IX	Laboratory Control Sample	Δ	LCS
X	Field Duplicate	N	
XI	Internal standards	Δ	
XII	Target Analyte Quantitation	Δ	Result < RL > MDL = Jdw
XIII	Target Analyte Identification	Δ	
XIV	Overall Assessment of Data	Δ	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB015 6-8	JE14764-2		Soil	07/08/2025	Category B

Notes:

Y3 C0459		

Method: Volatiles (EPA SW 846 Method 8260B) D

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS instrument performance check				
Were the BFB performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Were all percent relative standard deviations (%RSD) ≤ 15% (20%) 15/30% and relative response factors (RRF) ≥ 0.05?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≥ 20% 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) ≥ 0.05?		✓		
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the Blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?			✓	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	

Method: Volatiles (EPA SW 846 Method 8260B)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per analytical batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

TARGET COMPOUND WORKSHEET

METHOD: VOA

A. Chloromethane	AA. Tetrachloroethene	AAA. 1,3,5-Trimethylbenzene	AAAA. Ethyl tert-butyl ether	A1. 1,3-Butadiene	A2. 1,2,4,5-Tetramethylbenzene
B. Bromomethane	BB. 1,1,2,2-Tetrachloroethane	BBB. 4-Chlorotoluene	BBBB. tert-Amyl methyl ether	B1. Hexane	B2. n-Octane
C. Vinyl chloride	CC. Toluene	CCC. tert-Butylbenzene	CCCC. 1-Chlorohexane	C1. Heptane	C2. n-Propyl alcohol
D. Chloroethane	DD. Chlorobenzene	DDD. 1,2,4-Trimethylbenzene	DDDD. Isopropyl alcohol	D1. Propylene	D2. n-Pentane
E. Methylene chloride	EE. Ethylbenzene	EEE. sec-Butylbenzene	EEEE. Acetonitrile	E1. Freon 11	E2. n-Decane
F. Acetone	FF. Styrene	FFF. 1,3-Dichlorobenzene	FFFF. Acrolein	F1. Freon 12	F2. Chlorodifluoromethane
G. Carbon disulfide	GG. Xylenes, total	GGG. p-Isopropyltoluene	GGGG. Acrylonitrile	G1. Freon 113	G2. cis-Decahydronaphthalene
H. 1,1-Dichloroethene	HH. Vinyl acetate	HHH. 1,4-Dichlorobenzene	HHHH. 1,4-Dioxane	H1. Freon 114	H2. trans-Decahydronaphthalene
I. 1,1-Dichloroethane	II. 2-Chloroethylvinyl ether	III. n-Butylbenzene	IIII. Isobutyl alcohol	I1. 2-Nitropropane	I2. n-Nonane
J. 1,2-Dichloroethene, total	JJ. Dichlorodifluoromethane	JJJ. 1,2-Dichlorobenzene	JJJJ. Methacrylonitrile	J1. Dimethyl disulfide	J2. n-Undecane
K. Chloroform	KK. Trichlorofluoromethane	KKK. 1,2,4-Trichlorobenzene	KKKK. Propionitrile	K1. 2,3-Dimethyl pentane	K2. Chloroprene
L. 1,2-Dichloroethane	LL. Methyl-tert-butyl ether	LLL. Hexachlorobutadiene	LLLL. Ethyl ether	L1. 2,4-Dimethyl pentane	L2. n-Butanol
M. 2-Butanone	MM. 1,2-Dibromo-3-chloropropane	MMM. Naphthalene	MMMM. Benzyl chloride	M1. 3,3-Dimethyl pentane	M2. n-Butyl acetate
N. 1,1,1-Trichloroethane	NN. Methyl ethyl ketone	NNN. 1,2,3-Trichlorobenzene	NNNN. Iodomethane	N1. 2-Methylpentane	N2. Nitrobenzene
O. Carbon tetrachloride	OO. 2,2-Dichloropropane	OOO. 1,3,5-Trichlorobenzene	OOOO. 1,1-Difluoroethane	O1. 3-Methylpentane	O2. Methyl bromide
P. Bromodichloromethane	PP. Bromochloromethane	PPP. trans-1,2-Dichloroethene	PPPP. Tetrahydrofuran	P1. 3-Ethylpentane	P2. Methyl chloride
Q. 1,2-Dichloropropane	QQ. 1,1-Dichloropropene	QQQ. cis-1,2-Dichloroethene	QQQQ. Methyl acetate	Q1. 2,2-Dimethylpentane	Q2. Methyl iodide
R. cis-1,3-Dichloropropene	RR. Dibromomethane	RRR. m,p-Xylene	RRRR. Ethyl acetate	R1. 2,2,3- Trimethylbutane	R2. Methylene bromide
S. Trichloroethene	SS. 1,3-Dichloropropane	SSS. o-Xylene	SSSS. Cyclohexane	S1. 2,2,4-Trimethylpentane	S2. 1-Methylnaphthalene
T. Dibromochloromethane	TT. 1,2-Dibromoethane	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	TTTT. Methylcyclohexane	T1. 2-Methylhexane	T2. 3,3-Dimethyl-1-butanol
U. 1,1,2-Trichloroethane	UU. 1,1,1,2-Tetrachloroethane	UUU. 1,2-Dichlorotetrafluoroethane	UUUU. Allyl chloride	U1. Nonanal	U2. Bromoethane
V. Benzene	VV. Isopropylbenzene	VVV. 4-Ethyltoluene	VVVV. Methyl methacrylate	V1. 2-Methylnaphthalene	V2. Hexachloroethane
W. trans-1,3-Dichloropropene	WW. Bromobenzene	WWW. Ethanol	WWWW. Ethyl methacrylate	W1. Methanol	W2. Isobutanol
X. Bromoform	XX. 1,2,3-Trichloropropane	XXX. Di-isopropyl ether	XXXX. cis-1,4-Dichloro-2-butene	X1. 1,2,3-Trimethylbenzene	X2. Cyclohexanone
Y. 4-Methyl-2-pentanone	YY. n-Propylbenzene	YYY. tert-Butanol	YYYY. trans-1,4-Dichloro-2-butene	Y1. 2-Propanol	Y2.
Z. 2-Hexanone	ZZ. 2-Chlorotoluene	ZZZ. tert-Butyl alcohol	ZZZZ. Pentachloroethane	Z1. p-Diethylbenzene	Z2.

LDC #: 61609D

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: F

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)
Continuing calibration standards were analyzed at the required frequencies.
The retention times for all calibrated compounds were within their respective acceptance windows.
All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Compound	%D (Limit ≤20%)	RRF (Limits)	Associated samples	Qualifications
	7/11/25 1021	CCV	B	27.2		All	J/UJ/Δ ND
			D	~~24~~ 22.4		↓	↓
			O	20.2		↓	↓

	DOD	NFG
%D	20%/50%	20%

RRF: 0.001 - poor performers 0.005 - 1,4-Dioxane 0.05 - all other analytes

LDC #:~~61633m~~ 61609D

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: FT

METHOD: GCMS 8260D

The calibration factors (RRFF), average RRFF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

RRF = (Ax)(Cis)/(Ais)(Cx)
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

Where:

Ax = Area of compound
Cx = Concentration of compound
S = Standard deviation of the RRFs
X = Mean of the RRFs
Ais = Area of associated internal standard
Cis = Concentration of internal Standard

#	Standard ID	Calibration Date	Compound	Reported (RRF 20 ppb std)	Recalculated (RRF 20 ppb std)	Reported AverageRRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
	ICAL GCMS3C	6/25/2025	G	0.758	0.758	0.733	0.733	5.69	5.69
			V	0.704	0.704	0.677	0.677	3.42	3.42
			CC	0.504	0.504	0.526	0.526	4.99	4.99
			BB	0.436	0.436	0.411	0.411	5.92	5.92

LDC # 616090

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	CCV	7/11/16 1021	G	0.733	0.781	0.781	6.5	6.5
			V	0.677	0.704	0.704	4.0	4.0
			CC	0.526	0.494	0.494	6.1	6.1
			BB	0.411	0.414	0.414	0.7	0.7

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

LDC # 61609D

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 B)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: #1

	Surrogate Spiked (ug/L	Surrogate Found (ug/L	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane	50.0	51.90	104	104	0
1,2-Dichloroethane-d4	↓	48.70	97	97	↓
Toluene-d8		51.23	102	102	
4-Bromofluorobenzene		50.09	100	100	

LDC # 61609D

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added

LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: YA476-LCS

Compound	SA (ug/L)		SSC (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1,1-Dichloroethene	50.0	NA	50.4	NA	101	101				
Trichloroethene	↓	↓	47.4	↓	95	95				
Benzene			50.6		101	101				
Toluene			48.5		97	97				
Chlorobenzene			52.9		106	106				

LDC #: 61609D

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GCMS 8260 D

Results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Final Conc = Conc *Vp*DF / VS

Where:
- Ax = Area or height of the peak for the compound to be measured
- DF = Dilution factor
- CF = Calibration factor from continuing calibration curve
- Vs = Volume of sample extracted in milliters (mL)
- Vp = Purge Volume

#1 G

Concentration = $\frac{(34972)(50.0)(5)}{(401460)(0.733)(6.7)(0.823)}$

= 5.388 ug/kg

6.7g %s = 82.3

Sample #	Analyte	Calculated Concentration (ug/kg)	Reported Concentration (ug/kg)	% Diff
#1	G	5.388	5.4	

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB015 6-8		
Lab Sample ID:	JE14764-2	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	82.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P125258.D	1	07/11/25 16:36	RS	07/10/25 11:15	OP65238	E2P5631
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND U	81	20	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	25	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	35	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	72	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	200	43	ug/kg	
95-48-7	2-Methylphenol	ND	81	26	ug/kg	
	3&4-Methylphenol	ND	81	33	ug/kg	
88-75-5	2-Nitrophenol	ND	200	27	ug/kg	
100-02-7	4-Nitrophenol	ND	410	110	ug/kg	
87-86-5	Pentachlorophenol	ND	160	38	ug/kg	
108-95-2	Phenol	ND	81	21	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	27	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	30	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	24	ug/kg	
83-32-9	Acenaphthene	ND	41	14	ug/kg	
208-96-8	Acenaphthylene [a]	32.2 J	41	21	ug/kg	J
98-86-2	Acetophenone	ND U	200	8.7	ug/kg	
120-12-7	Anthracene	51.2	41	25	ug/kg	
1912-24-9	Atrazine	ND U	81	17	ug/kg	
56-55-3	Benzo(a)anthracene	158	41	11	ug/kg	
50-32-8	Benzo(a)pyrene	118	41	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	189	41	18	ug/kg	
191-24-2	Benzo(g,h,i)perylene	82.9	41	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	62.3	41	19	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND U	81	16	ug/kg	
85-68-7	Butyl benzyl phthalate	ND U	81	9.9	ug/kg	
92-52-4	1,1'-Biphenyl	28.2 J	81	5.5	ug/kg	J
100-52-7	Benzaldehyde	ND U	200	10	ug/kg	
91-58-7	2-Chloronaphthalene	ND	81	9.6	ug/kg	
106-47-8	4-Chloroaniline	ND V	200	15	ug/kg	
86-74-8	Carbazole	18.0 J	81	5.9	ug/kg	J

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

Report of Analysis

Client Sample ID:	SB015 6-8		
Lab Sample ID:	JE14764-2	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	82.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND U	81	16	ug/kg	
218-01-9	Chrysene	200	41	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND U	81	8.7	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	81	17	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	81	15	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	81	13	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	41	13	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	41	20	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	81	34	ug/kg	
123-91-1	1,4-Dioxane	ND	41	27	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	27.1 J	41	18	ug/kg	J
132-64-9	Dibenzofuran	24.6 J	81	16	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND U	81	6.6	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	81	10	ug/kg	
84-66-2	Diethyl phthalate	ND	81	8.6	ug/kg	
131-11-3	Dimethyl phthalate	ND	81	7.2	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	81	9.5	ug/kg	
206-44-0	Fluoranthene	219	41	18	ug/kg	
86-73-7	Fluorene	ND U	41	19	ug/kg	
118-74-1	Hexachlorobenzene	ND	81	10	ug/kg	
87-68-3	Hexachlorobutadiene	ND	41	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene [b]	ND UJ	410	16	ug/kg	
67-72-1	Hexachloroethane	ND U	200	20	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	67.0	41	19	ug/kg	
78-59-1	Isophorone	ND U	81	8.7	ug/kg	
91-57-6	2-Methylnaphthalene	68.8	41	9.2	ug/kg	
88-74-4	2-Nitroaniline	ND U	200	9.6	ug/kg	
99-09-2	3-Nitroaniline	ND	200	10	ug/kg	
100-01-6	4-Nitroaniline	ND	200	10	ug/kg	
91-20-3	Naphthalene	64.2	41	11	ug/kg	
98-95-3	Nitrobenzene	ND U	81	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	81	12	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	15	ug/kg	
85-01-8	Phenanthrene	190	41	14	ug/kg	
129-00-0	Pyrene	248	41	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND U	200	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	30%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609D
SDG #: JE14764
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1
Reviewer:
2nd Reviewer:

Method: Semivolatiles (EPA 8270E) + TIC

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	%RSD ≤ 20, r ICV ≥ 30
IV	Continuing Calibration	SW	CCV ≥ 20
V	Laboratory Blanks	A	
VI	Field Blank	N	
VII	Surrogate Spikes	A	
VIII	Matrix Spike/Matrix Spike Duplicate	N	CS
IX	Laboratory Control Sample	A	LCS
X	Field Duplicate	N	
XI	Internal standards	A	
XII	Target Analyte Quantitation	A	Result < PL > MDL
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB015 6-8	JE14764-2		Soil	07/08/2025	Category B

Notes:

OP65238		

LDC #: 61609ED

VALIDATION FINDINGS CHECKLIST

Method: Semivolatiles (EPA SW 846 Method 8270 E)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS Instrument performance check				
Were the DFTPP performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
IIIa. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% 15/30% and relative response factors (RRF) within method criteria?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
IIIb. Initial Calibration Verification				
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If 2 or more base neutral or acid surrogates were outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recoveries (%R) was less than 10%, was a reanalysis performed to confirm %R ?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?			✓	

Validation Area	Yes	No	NA	Findings/Comments
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were compound quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XV. Overall assessment of data				
Overall assessment of data was found to be acceptable.		✓		

TARGET ANALYTE LIST

METHOD: GC/MS SVOC

A. Phenol	GG. Acenaphthene	MMM. Bis(2-Chloroisopropyl)ether	SSSS. 2/3-Dimethyldibenzothiophene	Y1. 3,3'-Dimethylbenzidine
B. Bis (2-chloroethyl) ether	HH. 2,4-Dinitrophenol	NNN. Aniline	TTTT. 1-Methyldibenzothiophene	Z1. o-Toluidine
C. 2-Chlorophenol	II. 4-Nitrophenol	OOO. N-Nitrosodimethylamine	UUUU.. 2,3,4,6-Tetrachlorophenol	A2. Benzo(j)fluoranthene
D. 1,3-Dichlorobenzene	JJ. Dibenzofuran	PPP. Benzoic Acid	VVVV. 1,2,4,5-Tetrachlorobenzene	B2. Benzofluoranthenes, total
E. 1,4-Dichlorobenzene	KK. 2,4-Dinitrotoluene	QQQ. Benzyl alcohol	WWWW.. 2-Picoline	C2. trans-Decalin
F. 1,2-Dichlorobenzene	LL. Diethylphthalate	RRR. Pyridine	XXXX. 3-Methylcholanthrene	D2. cis-Decalin
G. 2-Methylphenol	MM. 4-Chlorophenyl-phenyl ether	SSS. Benzidine	YYYY. a,a-Dimethylphenethylamine	E2. Dibenzo(a)anthracenes
H. 2,2'-Oxybis(1-chloropropane)	NN. Fluorene	TTT. 1-Methylnaphthalene	ZZZZ. Hexachloropropene	F2. Benzo(j)+(k)fluoranthene
I. 4-Methylphenol	OO. 4-Nitroaniline	UUU.Benzo(b)thiophene	A1. N-Nitrosodiethylamine	G2.
J. N-Nitroso-di-n-propylamine	PP. 4,6-Dinitro-2-methylphenol	VVV.Benzonaphthothiophene	B1. N-Nitrosodi-n-butylamine	H2.
K. Hexachloroethane	QQ. N-Nitrosodiphenylamine	WWW.Benzo(e)pyrene	C1. N-Nitrosomethylethylamine	I2.
L. Nitrobenzene	RR. 4-Bromophenyl-phenylether	XXX. 2,6-Dimethylnaphthalene	D1. N-Nitrosomorpholine	J2.
M. Isophorone	SS. Hexachlorobenzene	YYY. 2,3,5-Trimethylnaphthalene	E1. N-Nitrosopyrrolidine	K2.
N. 2-Nitrophenol	TT. Pentachlorophenol	ZZZ. Perylene	F1. Phenacetin	L2.
O. 2,4-Dimethylphenol	UU. Phenanthrene	AAAA. Dibenzothiophene	G1. 2-Acetylaminofluorene	M2.
P. Bis(2-chloroethoxy)methane	VV. Anthracene	BBBB. Benzo(a)fluoranthene	H1. Pronamide	N2.
Q. 2,4-Dichlorophenol	WW. Carbazole	CCCC. Benzo(b)fluorene	I1. Methyl methanesulfonate	O2.
R. 1,2,4-Trichlorobenzene	XX. Di-n-butylphthalate	DDDD. cis/trans-Decalin	J1. Ethyl methanesulfonate	P2.
S. Naphthalene	YY. Fluoranthene	EEEE. Biphenyl	K1. o,o',o''-Triethylphosphorothioate	Q2.
T. 4-Chloroaniline	ZZ. Pyrene	FFFF. Retene	L1. n-Phenylene diamine	R2.
U. Hexachlorobutadiene	AAA. Butylbenzylphthalate	GGGG. C30-Hopane	M1. 1,4-Naphthoquinone	S2.
V. 4-Chloro-3-methylphenol	BBB. 3,3'-Dichlorobenzidine	HHHH. 1-Methylphenanthrene	N1. N-Nitro-o-toluidine	T2.
W. 2-Methylnaphthalene	CCC. Benzo(a)anthracene	IIII. 1,4-Dioxane	O1. 1,3,5-Trinitrobenzene	U2.
X. Hexachlorocyclopentadiene	DDD. Chrysene	JJJJ. Acetophenone	P1. Pentachlorobenzene	V2..
Y. 2,4,6-Trichlorophenol	EEE. Bis(2-ethylhexyl)phthalate	KKKK. Atrazine	Q1. 4-Aminobiphenyl	W2
Z. 2,4,5-Trichlorophenol	FFF. Di-n-octylphthalate	LLLL. Benzaldehyde	R1. 2-Naphthylamine	X2..
AA. 2-Chloronaphthalene	GGG. Benzo(b)fluoranthene	MMMM. Caprolactam	S1. Triphenylene	Y2.
BB. 2-Nitroaniline	HHH. Benzo(k)fluoranthene	NNNN. 2,6-Dichlorophenol	T1. Octachlorostyrene	Z2.
CC. Dimethylphthalate	III. Benzo(a)pyrene	OOOO. 1,2-Diphenylhydrazine	U1. Famphur	
DD. Acenaphthylene	JJJ. Indeno(1,2,3-cd)pyrene	PPPP. 3-Methylphenol	V1. 1,4-phenylenediamine	
EE. 2,6-Dinitrotoluene	KKK. Dibenz(a,h)anthracene	QQQQ. 3&4-Methylphenol	W1. Methapyrilene	
FF. 3-Nitroaniline	LLL. Benzo(g,h,i)perylene	RRRR. 4-Dimethyldibenzothiophene	X1. Pentachloroethane	

LDC #: _ 61609E D

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: ____FT_____

METHOD: GC/MS BNA (EPA SW 846 Method 8270 C)
Continuing calibration standards were analyzed at the required frequencies.
The retention times for all calibrated compounds were within their respective acceptance windows.
All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Compound	%D (Limit ≤ 20 %)	RRF (Limits)	Associated samples	Qualifications
	ee 7/11/15	ccv	X	52.4		All	J/UJ/A ND+Det
	0805		DD	20.9		↓	↓ ↓

	DOD	NFG	
%D	20%/50%	Method criteria	RRF: 0.05

LDC #: 61609E D

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: FT

METHOD: GCMS 8270E

The calibration factors (RRFF), average RRFF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

RRF = (Ax)(Cis)/(Ais)(Cx)
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

Where:

Ax = Area of compound
Cx = Concentration of compound
S = Standard deviation of the RRFs
X = Mean of the RRFs
Ais = Area of associated internal standard
Cis = Concentration of internal Standard

#	Standard ID	Calibration Date	Compound	Reported (RRF 10ppm std)	Recalculated (RRF 10ppm std)	Reported AverageRRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
	ICAL GCMS2P	3/7/2025	A	1.443	1.443	1.491	1.491	8.70	8.70
			S	0.990	0.990	0.999	0.999	5.47	5.47
			GG	1.191	1.191	1.241	1.241	6.25	6.25
			UU	1.053	1.053	1.099	1.099	6.86	6.86
			DDD	1.137	1.137	1.177	1.177	4.93	4.93
			JJJ	1.296	1.296	1.376	1.376	10.37	10.37

LDC # 61609E1D

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: FT

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 E)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	ccv	7/11/25 0805	A	1.491	1.560	1.560	4.6	4.6
			S	0.999	1.004	1.004	0.5	0.5
			GG	1.241	1.252	1.252	0.9	0.9
			UU	1.099	1.086	1.086	1.2	1.2
			DDD	1.177	1.150	1.150	2.3	2.3
			JJJ	1.376	1.296	1.296	5.8	5.8

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

LDC # 61609D

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: #1

Surrogate	Surrogate Spiked (ppm)	Surrogate Found (ppm)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Nitrobenzene-d5	50.0	16.51	33	33	0
2-Fluorobiphenyl		21.50	43	43	
Terphenyl-d14		23.19	46	46	
Phenol-d5		15.31	31	31	
2-Fluorophenol		14.87	30	30	
2,4,6-Tribromophenol		21.11	42	42	

LDC # 61609F D

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 C)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS ID: 0965238 - LC

Compound	SA (ug/kg)		SSC (ug/kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Phenol	1670	NA	1120	NA	67	67				
N-Nitroso-di-n-propylamine	↓		928		56	56				
4-Chloro-3-methylphenol	1670		1140		68	68				
Acenaphthene	1670		1080		65	65				
Pentachlorophenol	3330		1440		43	43				
Pyrene	1670		1170		70	70	NA			

LDC #: 61609D

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GCMS 8270

Results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Final Conc = $\frac{\text{Conc} * Vp * DF}{VS}$

#1 S

Concentration = $\frac{(8180)\ (40.0)\ (1)\ (1000)}{(206508)\ (0.999)\ (30)\ (0.823}$

$= 64.2377$

Where:

Ax = Area or height of the peak for the compound to be measured
DF = Dilution factor
CF = Calibration factor from continuing calibration curve
Vs = Volume of sample extracted in milliters (mL)
Vp = Purge Volume

1/30.0 %S = 82.3 FILE ID 2P125258 7/11/25 16:36

Sample #	Analyte	Calculated Concentration (ug/kg)	Reported Concentration (ug/kg)	% Diff
#1	S	64.2377	64.2	

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB015 6-8		
Lab Sample ID:	JE14764-2	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
Method:	SW846 8081B SW846 3570	**Percent Solids:**	82.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6G108157.D	1	07/17/25 14:05	RK	07/13/25 16:25	OP65235	G6G4105
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.49	0.095	ug/kg	
319-84-6	alpha-BHC [a]	0.37	0.49	0.056	ug/kg	J
319-85-7	beta-BHC	ND	0.49	0.070	ug/kg	
319-86-8	delta-BHC	ND	0.49	0.073	ug/kg	
58-89-9	gamma-BHC (Lindane) [a]	0.29	0.49	0.085	ug/kg	J
5103-71-9	alpha-Chlordane	ND	0.49	0.066	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.49	0.073	ug/kg	
60-57-1	Dieldrin	ND	0.49	0.078	ug/kg	
72-54-8	4,4'-DDD	ND	0.49	0.051	ug/kg	
72-55-9	4,4'-DDE	ND	0.49	0.058	ug/kg	
50-29-3	4,4'-DDT	ND	0.49	0.085	ug/kg	
72-20-8	Endrin	ND	0.49	0.070	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.49	0.058	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.49	0.14	ug/kg	
959-98-8	Endosulfan-I	ND	0.49	0.066	ug/kg	
33213-65-9	Endosulfan-II	ND	0.49	0.068	ug/kg	
76-44-8	Heptachlor	ND	0.49	0.063	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.49	0.087	ug/kg	
72-43-5	Methoxychlor	ND	0.49	0.19	ug/kg	
53494-70-5	Endrin ketone	ND	0.49	0.078	ug/kg	
8001-35-2	Toxaphene	ND	6.1	4.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	92%		46-145%
877-09-8	Tetrachloro-m-xylene	96%		46-145%
2051-24-3	Decachlorobiphenyl	77%		29-163%
2051-24-3	Decachlorobiphenyl	118%		29-163%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

PG

OCT 15 2025

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609D
SDG #: JE14764
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1 of 1
Reviewer: JVG
2nd Reviewer:

Method: Organochlorine Pesticides (EPA 8081B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	GC/ECD Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	RSD ≤ 20% r² ICV ≤ 20%
IV	Continuing Calibration	A	CCV ≤ 20%
V	Laboratory Blanks	A	
VI	Field Blank	N	
VII	Surrogate Spikes / IS	A/A	
VIII	Matrix Spike/Matrix Spike Duplicate	SW	JE14764-5 2R (NR-no associated samples)
IX	Laboratory Control Sample	A	LCS
X	Field Duplicate	N	
XI	Target Analyte Quantitation	SW	Results < RL > MDL = J dets
XII	Target Analyte Identification	A	
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB015 6-8	JE14764-2		Soil	07/08/2025	Category B

Notes:

OP65235_MB		

Method: Pesticides (EPA SW 846 Method 8081B)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Were cooler temperature criteria met?	✓			
II. GC/ECD instrument performance check				
Was the instrument performance found to be acceptable?	✓			
Were Evaluation mix standards analyzed prior to the initial calibration and at beginning of each 12-hour shift?	✓			
Were endrin and 4,4'-DDT breakdowns ≤ 15% for individual breakdown in the Evaluation mix standards?	✓			
III. Initial calibration and initial calibration verification				
Did the laboratory perform a 5-point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20%?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Were the RT windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
IV. Continuing calibration				
Was a continuing calibration analyzed daily?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
Were all the retention times within the acceptance windows?	✓			
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field blanks				
Were field blanks identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes/Internal standards				
Were all surrogate percent recovery (%R) within the QC limits?	✓			
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recovery (%R) was less than 10 percent, was a reanalysis performed to confirm %R?			✓	
Were internal standard area counts within ± 50% of the average area calculated during calibration?	✓			
VIII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?		✓		

Method: Pesticides (EPA SW 846 Method 8081B)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?			✓	
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions, dry weight factors, and clean-up activities applicable to level IV validation?	✓			
Were relative percent difference (RPD) of the results between two columns ≤ 40%?		✓		
XII. Target analyte identification				
Were the retention times of reported detects within the RT windows?	✓			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC#: 61609D

VALIDATION FINDINGS WORKSHEET
Target Analyte Quantitation and Reported RLs

Reviewer: JVG

Method: GC Pesticides (EPA SW 846 Method 8081B)

RLs /LOQs were adjusted for sample dilutions and dry weight.
The reported results for detected target analytes agree within 10.0% of the recalculated results.
The relative percent difference (RPD) of detected analytes between two columns/detectors were <40% except those identified below.

#	Sample ID	Analyte	%RPD Between Two Columns/Detectors	Qualifications
	1	alpha-BHC	42.6	J det/A
		gamma-BHC	90.6	

Comments:

LDC#: 61609D

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$

average RRF = sum of the RRFs/number of standards

%RSD = 100 * (S/X)

Where

A_x = Area of Compound

C_x = Concentration of compound,

S= Standard deviation of the RRFs,

A_{is} = Area of associated internal standard

C_{is} = Concentration of internal standard

X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound	Reported RRF (5.0 std)	Recalculated RRF (5.0 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL GC6G	7/10/2025	g-BHC (CLP1)	1.607	1.607	1.584	1.584	3.55	3.55
			DDT (CLP1)	1.135	1.135	1.137	1.137	4.18	4.16
			g-BHC (CLP2)	1.662	1.662	1.648	1.648	4.33	4.33
			DDT (CLP2)	1.016	1.016	0.981	0.981	5.18	5.18

LDC#: 61609D

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound,
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound	Average RRF	Reported RRF	Recalculated RRF	Reported % D	Recalculated %D
1	6G108149.D	7/17/2025	g-BHC (CLP1)	1.584	1.561	1.561	1.5	1.5
			DDT (CLP1)	1.137	1.096	1.096	3.6	3.6
			g-BHC (CLP2)	1.648	1.691	1.691	2.6	2.6
			DDT (CLP2)	0.981	1.010	1.010	3.0	3.0

LDC# 61609D

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

%Recovery: SURRF/SURRS * 100

Where: SURRF = Surrogate Found
SURRS = Surrogate Spiked

Sample ID: 1

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Tetrachloro-m- xylene	RTX-CLP1	4.00	3.681	92	92	0
Tetrachloro-m- xylene	RTX-CLP2	4.00	3.853	96	96	0
Decachlorobiphenyl	RTX-CLP1	4.00	3.082	77	77	0
Decachlorobiphenyl	RTX-CLP2	4.00	4.707	118	118	0

LDC# 61609D

VALIDATION FINDINGS WORKSHEET
MS/MSD Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked concentration SC = Sample concentration
SA = Spike added

RPD = | MS - MSD | * 2/(MS + MSD)

MS = Matrix spike recovery MSD = Matrix spike duplicate recovery

MS/MSD ID: JE14764-5 MS/MSD

Compound	SA (ug/Kg)		SC (ug/Kg)	SSC (ug/Kg)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
g-BHC	5.14	5.14	0.45	2.8	3.2	46	46	53	54	13	13
4,4'-DDT	5.14	5.14	2.9	6.2	6.4	64	64	89	68	3	3

LDC# 61609D

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added

LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: _OP65235-BS1__

Compound	SA (ug/Kg)		SSC (ug/Kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
g-BHC	5.0	NA	4.0	NA	80	80				
DDT	5.0	NA	4.3	NA	86	86				

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Analyte results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Ve)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Ci = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Ve = Volume extract
Vo = Volume or weight of sample
%S = % Solids

Sample ID	Compound	Ax	Ais	Cis	RRF	Ve (ml)	Vi (g)	DF	% S/100	Calculated conc (ug/Kg)	Reported conc (ug/Kg)	% Diff
1	g-BHC	40417348	1070100000	5.000	1.5840	10.00	5.00	1.00	0.823	0.29	0.29	0
	CLP1											

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB015 6-8		
Lab Sample ID:	JE14764-2	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
Method:	SW846 8082A SW846 3570	**Percent Solids:**	82.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	RL29121.D	1	07/11/25 00:44	CP	07/10/25 14:35	OP65236	GRL739
Run #2							

	Initial Weight	Final Volume
Run #1	5.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	24	10	ug/kg	
11104-28-2	Aroclor 1221	ND	24	8.2	ug/kg	
11141-16-5	Aroclor 1232	ND	24	20	ug/kg	
53469-21-9	Aroclor 1242	ND	24	15	ug/kg	
12672-29-6	Aroclor 1248	ND	24	5.2	ug/kg	
11097-69-1	Aroclor 1254	ND	24	2.6	ug/kg	
11096-82-5	Aroclor 1260	ND	24	8.4	ug/kg	
11100-14-4	Aroclor 1268	ND	24	2.5	ug/kg	
37324-23-5	Aroclor 1262	ND	24	2.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	80%		35-154%
877-09-8	Tetrachloro-m-xylene	98%		35-154%
2051-24-3	Decachlorobiphenyl	72%		24-176%
2051-24-3	Decachlorobiphenyl	87%		24-176%

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OCT 15 2025

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609D
SDG #: JE14764
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1 of 1
Reviewer: DG
2nd Reviewer:

Method: PCBs (EPA 8082A)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	Initial Calibration/ ICV	A/A	RSD ≤ 20% r² ICV ≤ 20%
III	Continuing Calibration	A	CCV ≤ 20%
IV	Laboratory Blanks	A	
V	Field Blank	N	
VI	Surrogate Spikes	A	
VII	Matrix Spike/Matrix Spike Duplicate	A	JE14764-5
VIII	Laboratory Control Sample	A	LCS
IX	Field Duplicate	N	
X	Target Analyte Quantitation	A	no results < RL
XI	Target Analyte Identification	A	
XII	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB015 6-8	JE14764-2		Soil	07/08/2025	Category B

Notes:

OP65236-MB		

Method: PCB (EPA SW 846 Method 8082A)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Were cooler temperature criteria met?	✓			
II. GC/ECD instrument performance check				
Was the instrument performance found to be acceptable?			✓	
Were Evaluation mix standards analyzed prior to the initial calibration and at beginning of each 12-hour shift?			✓	
Were endrin and 4,4'-DDT breakdowns ≤ 15% for individual breakdown in the Evaluation mix standards?			✓	
III. Initial calibration and initial calibration verification				
Did the laboratory perform a 5-point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20%?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Were the RT windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
IV. Continuing calibration				
Was a continuing calibration analyzed daily?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
Were all the retention times within the acceptance windows?	✓			
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field blanks				
Were field blanks identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes/Internal standards				
Were all surrogate percent recovery (%R) within the QC limits?	✓			
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recovery (%R) was less than 10 percent, was a reanalysis performed to confirm %R?			✓	
Were internal standard area counts within ± 50% of the average area calculated during calibration?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	✓			

Method: PCB (EPA SW 846 Method 8082A)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?			✓	
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions, dry weight factors, and clean-up activities applicable to level IV validation?	✓			
Were relative percent difference (RPD) of the results between two columns ≤ 40%?			✓	
XII. Target analyte identification				
Were the retention times of reported detects within the RT windows?	✓			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

METHOD: GC PCB (EPA SW 846 Method 8082)

Calibration Date	Instrument/Column	Compound	Standard	(Y) Response	(X) Conc. Ratio	(X^2) Conc. Ratio
6/26/2025	GCRL	1260-A	1	30933972.000	25.0	625.0
			2	59114546.000	50.0	2500.0
	ZB-CLP2		3	109100000.000	100.0	10000.0
			4	258400000.000	250.0	62500.0
			5	533400000.000	500.0	250000.0
			6	1068300000.000	1000.0	1000000.0
			7	1982100000.000	2000.0	4000000.0
			8	3009300000.000	3000.0	9000000.0
			9	4897200000.000	5000.0	25000000.0
			10	10046618528.000	10000.0	100000000.0

Regression Output	Calculated		Reported
Constant	c =	30194348.2024	8383226.38860
Std Err of Y Est			
R Squared	r2 =	0.9999	0.9996
Degrees of Freedom			
X Coefficient(s)	b =	985042.9724	10007323.01074
Std Err of Coef.	a =	1.823030256	-21.75753
Correlation Coefficient		0.999937	
Coefficient of Determination (r^2)		0.999875	

LDC#: 61609D

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082)

Calibration Date	Instrument/Column	Compound	Standard	(Y) Response	(X) Conc. Ratio	(X^2) Conc. Ratio
6/26/2025	GCRL	1260-A	1	46521602.000	25.0	625.0
			2	88213692.000	50.0	2500.0
	ZB-CLP1		3	162400000.000	100.0	10000.0
			4	381700000.000	250.0	62500.0
			5	752600000.000	500.0	250000.0
			6	1553000000.000	1000.0	1000000.0
			7	2873600000.000	2000.0	4000000.0
			8	4309800000.000	3000.0	9000000.0
			9	7166800000.000	5000.0	25000000.0
			10	14856874679.000	10000.0	100000000.0

Regression Output	Calculated		Reported
Constant	c =	45943718.0648	10204487.97199
Std Err of Y Est			
R Squared	r2 =	0.9999	0.9989
Degrees of Freedom			
X Coefficient(s)	b =	1413443.142	14930719.31840
Std Err of Coef.	a =	7.059462149	-463.75885
Correlation Coefficient		0.999955	
Coefficient of Determination (r^2)		0.999911	

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

METHOD: GC PCB (EPA SW 846 Method 8082)

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

Percent difference (%D) = 100 * (N - C)/N Where: N = Initial Calibration Factor or Nominal Amount
C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound	CCV Conc	Reported Conc	Recalculated Conc	Reported % D	Recalculated %D
1	RL29109.D	7/10/2025	1260-A (CLP1)	100	89.10	89.10	10.9	10.9
			1260-A (CLP2)	100	110.20	110.20	10.2	10.2

LDC# 61609D

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

%Recovery: SURRF/SURRS * 100

Where: SURRF = Surrogate Found
SURRS = Surrogate Spiked

Sample ID: 1

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Tetrachloro-m- xylene	RTX-CLP1	4.00	3.204	80	80	0
Tetrachloro-m- xylene	RTX-CLP2	4.00	3.920	98	98	0
Decachlorobiphenyl	RTX-CLP1	4.00	2.890	72	72	0
Decachlorobiphenyl	RTX-CLP2	4.00	3.490	87	87	0

LDC# 61609D

VALIDATION FINDINGS WORKSHEET
MS/MSD Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked concentration, SA = Spike added, SC = Sample concentration

RPD = | MS - MSD | * 2/(MS + MSD)

MS = Matrix spike recovery, MSD = Matrix spike duplicate recovery

MS/MSD ID: JE14764-5 MS/MSD

Compound	SA (ug/Kg)		SC (ug/Kg)	SSC (ug/Kg)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1260	41.1	41.9	160.0	187.0	188.0	66	66	67	67	1	1

LDC# 61609D

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added

LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: _OP65236-BS1__

Compound	SA (ug/Kg)		SSC (ug/Kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1260	40	NA	34.6	NA	87	87				

LDC# 61609D

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Page: _
Reviewer:_

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Concentration = $\frac{(Ax)(Vf)(Df)}{(CF)(Vi)(\%S)}$

Quadratic $Y = a (X^2) + b X + c$

Where:

Ax = Area or height of the peak for the compound to be measured
DF = Dilution factor
CF = Calibration factor from continuing calibration curve
Vi = Initial volume or weight of sample extracted in milliliters (mL) or grams (g)
Vf = Final volume or weight of extract (mL)

Sample ID	Compound	Area	r2 coeff a	r2 coeff b	r2 coeff c	Vf (ml)	Vi (g)	DF	% S/100	Calculated Concentratio (ug/Kg)	Reported Concentration (ug/Kg)	% Diff
LCS	1260-A	283100000	-464	14930719.3	10204488	10.00	5.00	1.00	NA	18.29	18.29	0.0
	CLP1											
	1260-Total =	(18.29+17.507+17.308+16.741+16.764)									**Reported**	
			5					conc =	(17.322)(10mL)		**final conc**	
	=	17.322							(5.0g)			
								=	**34.6**		**34.6**	

Area ratio (Y) = a (X^2) + b X + c

	Y	a	b	c	X	final conc	T = Y-c	(b^2 - 4aT)	( )^ 1/2	(-b+ ()) / 2a	(-b -())/ 2a
LCS	283100000	-463.8	14930719.3	10204488.0	18.28784	18.29	-272895512	2.224E+14	14913757	18.28784053	32176.71894

Initial Calibration Summary

Job Number: JE14764 **Sample:** GRL725-ICC725
Account: PWGNYB PW Grosser Consulting **Lab FileID:** RL28577.D
Project: ALE2501 - 60 Alexander Street, Yonkers, NY

7.565 6.577 6.571 6.444 5.949 6.011 5.867 5.996 8.047 7.094 6.612 E6 11.24
----- Quadratic regression ----- Coefficient = 0.9984
Response Ratio = 4651329.19977 + 6382573.89616 *A + -611.54956 *A^2

45) AR1016-E
5.495 4.829 4.857 4.820 4.463 4.520 4.407 4.485 5.931 5.297 4.910 E6 10.38
----- Quadratic regression ----- Coefficient = 0.9988
Response Ratio = 3234782.94202 + 4745685.38395 *A + -401.29922 *A^2

46) AR1260-A
1.182 1.034 1.067 1.060 0.991 1.003 0.979 1.065 1.237 1.091 1.066 E7 8.00
----- Quadratic regression ----- Coefficient = 0.9996
Response Ratio = 8383226.38860 + 10007323.01074 *A + -21.75753 *A^2

47) AR1260-B
1.003 0.808 0.824 0.832 0.762 0.776 0.761 0.785 1.308 0.878 0.874 E7 19.33
----- Quadratic regression ----- Coefficient = 0.9987
Response Ratio = 12964298.44312 + 7710815.38364 *A + 64.36444 *A^2

48) AR1260-C
9.527 8.542 8.969 9.105 8.557 8.758 8.617 8.924 9.633 8.856 8.949 E6 4.25
----- Quadratic regression ----- Coefficient = 0.9992
Response Ratio = 2502021.12530 + 8732380.29808 *A + 95.57678 *A^2

49) AR1260-D
2.204 1.927 2.011 2.041 1.918 1.967 1.968 2.095 2.424 1.999 2.055 E7 7.53
----- Quadratic regression ----- Coefficient = 0.9998
Response Ratio = 14332787.02492 + 19034278.12046 *A + 1826.32187 *A^2

50) AR1260-E
2.077 1.917 1.985 2.008 1.882 1.960 1.947 2.036 2.113 1.955 1.988 E7 3.60
----- Quadratic regression ----- Coefficient = 0.9994
Response Ratio = 4952396.84148 + 19304461.09969 *A + 854.48908 *A^2

51) Decachlorobiphenyl
1.498 1.520 1.562 1.332 1.400 1.351 1.692 1.479 E8 8.66

(#) = Out of Range ### Number of calibration levels exceeded format ###

pcblvigcrl725.m Fri Jun 27 07:08:40 2025

10.9.9 10

Report of Analysis

Client Sample ID:	SB015 6-8		
Lab Sample ID:	JE14764-2A	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	82.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1407.D	1	07/21/25 15:49	AA	07/17/25 17:00	OP65483	T6Q138
Run #2							

	Initial Weight	Final Volume
Run #1	5.20 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND U	0.93	0.13	ug/kg	
2706-90-3	Perfluoropentanoic acid	0.56	0.47	0.082	ug/kg	
307-24-4	Perfluorohexanoic acid	0.29	0.23	0.035	ug/kg	
375-85-9	Perfluoroheptanoic acid	0.21 J	0.23	0.058	ug/kg	J
335-67-1	Perfluorooctanoic acid	0.77	0.23	0.093	ug/kg	
375-95-1	Perfluorononanoic acid	0.17 J	0.23	0.058	ug/kg	J
335-76-2	Perfluorodecanoic acid	ND U	0.23	0.082	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.23	0.070	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.23	0.093	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.23	0.11	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.23	0.12	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	0.22 J	0.23	0.082	ug/kg	J
2706-91-4	Perfluoropentanesulfonic acid	ND U	0.23	0.12	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	0.16 J	0.23	0.13	ug/kg	J
375-92-8	Perfluoroheptanesulfonic acid	0.16 J	0.23	0.12	ug/kg	J
1763-23-1	Perfluorooctanesulfonic acid	25.8	0.23	0.058	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND U	0.23	0.16	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.23	0.13	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.23	0.058	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND U	0.93	0.33	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.93	0.12	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.93	0.22	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	ND U	0.23	0.082	ug/kg	
31506-32-8	MeFOSA	ND	0.23	0.070	ug/kg	
4151-50-2	EtFOSA	ND	0.23	0.058	ug/kg	

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ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB015 6-8		
Lab Sample ID:	JE14764-2A	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	82.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.23	0.093	ug/kg	
2991-50-6	EtFOSAA	ND	0.23	0.15	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.3	0.33	ug/kg	
1691-99-2	EtFOSE	ND	2.3	0.85	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.93	0.21	ug/kg	
919005-14-4	ADONA	ND	0.93	0.14	ug/kg	
377-73-1	PFMPA	ND	0.47	0.035	ug/kg	
863090-89-5	PFMBA	ND	0.47	0.070	ug/kg	
151772-58-6	NFDHA	ND	0.47	0.15	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.93	0.30	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.93	0.21	ug/kg	
113507-82-7	PFEESA	ND	0.47	0.035	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.2	0.28	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.8	0.72	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.8	0.74	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	61%		8-130%
	13C5-PFPeA	57%		35-130%
	13C5-PFHxA	60%		40-130%
	13C4-PFHpA	55%		40-130%
	13C8-PFOA	56%		40-130%
	13C9-PFNA	59%		40-130%
	13C6-PFDA	58%		40-130%
	13C7-PFUnDA	61%		40-130%
	13C2-PFDoDA	59%		40-130%
	13C2-PFTeDA	68%		20-130%
	13C3-PFBS	55%		40-135%
	13C3-PFHxS	56%		40-130%

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OCT 15 2025

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609D
SDG #: JE14764
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1 of 1
Reviewer: DG
2nd Reviewer:

Method: PFAS (EPA 1633)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A / A	
II	LC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A / A	RSD ≤ 20% ICV ≤ 30%
IV	Continuing Calibration/ISC/Bile Salt	A	CCV ≤ 30% ISC ≤ 30%
V	Laboratory Blanks	A	
VI	Field Blank	N	
VII	Matrix spike/Matrix spike duplicates	SW	JE14670-17 2R (NQ - no associated sample; no MS)
VIII	Laboratory Control Sample/Low Level LCS	A / A	
IX	Field Duplicate	N	
X	Internal standards	A	
XI	Target Analyte Quantitation	A	Results < RL > MDL = J dets
XII	Target Analyte Identification	A	
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB015 6-8	JE14764-2		Soil	07/08/2025	Category B

Notes:

OP65483-MB		
TGQ138-1Blk		
TGQ138-1		

VALIDATION FINDINGS CHECKLIST

Reviewer: JVG

METHOD: LC/MS PFAS (EPA Method 1633)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. LC/MS Instrument performance check				
Were the instrument performance reviewed and found to be within the validation criteria?	✓			
III. Initial Calibration and Initial Calibration Verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) < 20%?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the coefficient of determination (r^2) criteria of > 0.990?			✓	
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were the retention time windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) of the initial calibration verification < 30%?	✓			
IV. Continuing Calibration and Instrument Sensitivity Check				
Was a continuing calibration analyzed prior to sample analysis, after every 10 samples and at the end of the analytical sequence?	✓			
Were all percent differences (%D) of the continuing calibration < 30%?	✓			
Were all the retention times within the acceptance windows	✓			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were all percent differences (%D) of the Instrument Sensitivity Check < 30%?	✓			
Were the RTs for the bile salt peaks outside the RT window of PFOS by at least one minute?			✓	
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field Blanks				
Were field blanks identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Matrix Spike/Matrix Spike Duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?		✓		
VIII. Laboratory control samples				
Was an LCS analyzed per extraction batch for this SDG?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
IX. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	

VALIDATION FINDINGS CHECKLIST

Reviewer: JVG

Validation Area	Yes	No	NA	Findings/Comments
X. Internal Standards				
Were extracted internal standard (EIS) percent recoveries (%R) within QC limits?	✓			
Were non-extracted internal standard (NIS) areas within 50-200% of the average area of the calibration standards?	✓			
Were NIS retention times within 0.4 minutes of the initial calibration midPoint?	✓			
XI. Target Analayte Quantitation				
Did the laboratory reporting limits (i.e. DL, LOD, LOQ) meet the QAPP?			✓	
Did reported results include both branched and linear isomers?	✓			
Were the correct ion transition, labeled compound and relative response factor (RRF) used to quantitate the compound?	✓			
Were compound retention times within 0.1 minutes of the associated labeled compound for compounds with a labeled analog?	✓			
Were analyte quantitation and reporting limits adjusted to reflect all sample dilutions and dry weight factors applicable to Stage 4 validation?	✓			
XII. Target Analyte Identification				
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were two transitions and the ion transition ratio per analyte monitored and documented with the exception of PFBA and PFPeA?	✓			
Were ion ratios between 50-150%?	✓			
Were manual integrations reviewed and found acceptable?	✓			
Did the laboratory provide before and after integration printouts?	✓			
XIII. Overall assesment of Data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61609D

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of Compound
C_x = Concentration of compound
S= Standard deviation of the RRFs

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard
X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF 2.5	Recalculated RRF 2.5	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL T6Q128	7/10/2025	PFOA (M8-PFOA)	0.6717	0.6717	0.7157	0.7157	11.240	11.239
			PFOS (M8-PFOS)	1..6884	1.6885	1.9082	1.9055	8.229	6.140

LDC #: 61609D

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: JVG

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound	(IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
	6Q1394.d	7/21/2025	PFOA	(M8-PFOA)	2.500	2.312	2.312	7.5	7.5
			PFOS	(M8-PFOS)	2.320	2.178	2.178	6.1	6.1

LDC # 61609D

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: LC/MS PFAS (EPA Method 1633)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: OP65483-BS

Compound	SA (ug/Kg)		SSC (ug/Kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
					Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
PFOA	2.5	NA	2.80	NA	112	112				
PFOS	2.3	NA	2.40	NA	103	103				

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: LC/MS PFAS (EPA Method 1633)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Ve)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Cis = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Vf = Final volume extract
Vo = Volume or weight of sample

Sample #	Compound	Ax	Ais	Cis (ng/mL)	RRF	DF	Vf (uL)	Vo (g)	% S/100	Calculated Concentration (ug/Kg)	Reported Concentration (ug/Kg)	% Diff
1	PFOS	309676	18344	2.500	1.9082	1.000	5.0	5.20	0.82	25.8	25.8	0

Site:	60 Alexander Street, Yonkers, NY
Laboratory:	SGS North America, Inc., Dayton, NJ
SDG:	JE14764
Reviewer:	Dailey Sparks, Jonathon Carmichael, and Pei Geng/Laboratory Data Consultants for Laboratory Data Consultants for P.W. Grosser Consulting - Bohemia, NY
Date:	October 15, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
SB015 6-8	JE14764-2	Metals, Wet Chemistry

Associated QC Samples(s):

Field/Trip Blanks: None Associated
Field Duplicate pair: None Associated

The above-listed soil sample was collected on July 8, 2025 and was analyzed for metals by SW-846 methods 6010D and 7471B, cyanide by SW-846 method 9012B, and hexavalent chromium by SW-846 method 7196A. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for ICP-AES Data Validation,* SOP No. HW-3a, ISM02.2, Revision 1 (September 2016), USEPA Region 2 *Standard Operating Procedure for Mercury and Cyanide Data Validation,* SOP No. HW-3c, ISM02.2, Revision 1 (September 2016), and the USEPA *National Functional Guidelines for Inorganic Superfund Data Review,* EPA 542-R-20-006 (November 2020)

The inorganic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Instrument Calibration
- Blank Analysis Results
- Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Result
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Duplicate Results
- Laboratory Control Sample (LCS) Results
- Serial Dilution Results
- Field Duplicate Results
- Detection Limits Results
- Sample Quantitation Results

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to laboratory quality control outliers.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

Initial and Continuing Calibration

All criteria were met.

ICP Interference Check Sample Analysis

Metals

All criteria were met.

Blanks

Contamination was not detected in the method blanks.

A field blank was not associated with this sample set. Validation action was not required on this basis.

MS/MSD Results

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

Laboratory Duplicate Results

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

Serial Dilution

Metals

Serial dilution was not performed for this SDG.

LCS Results

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Detection Limits Results

No results were reported below the reporting limit (RL) and above the method detection limit (MDL) in the metals and wet chemistry analyses.

Due to high target analyte levels or difficult sample matrix, select samples were analyzed at dilutions. The following table lists the sample dilutions which were performed and the results reported. RLs were elevated accordingly.

Sample	Metals Analyses Reported
SB015 6-8	5-fold dilution due to high target analyte level for mercury

Dilutions were not required for wet chemistry analysis.

Sample Quantitation Results

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB015 6-8		
Lab Sample ID:	JE14764-2	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
		Percent Solids:	82.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	1300	61	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [3]
Antimony	<2.4 U	2.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [3]
Arsenic	24.1	2.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [3]
Barium	47.3	24	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [3]
Beryllium	0.37	0.24	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [3]
Cadmium	<0.61 U	0.61	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [3]
Calcium	1990	610	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [3]
Chromium	9.5	1.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [3]
Cobalt	<6.1 U	6.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [3]
Copper	77.2	3.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [3]
Iron	3810	61	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [3]
Lead	116	2.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [3]
Magnesium	<610 U	610	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [3]
Manganese	34.0	1.8	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [3]
Mercury	3.2	0.17	mg/kg	5	07/10/25	07/10/25	CM	SW846 7471B [1]	SW846 7471B [4]
Nickel	10.0	4.9	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [3]
Potassium	<1200 U	1200	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [3]
Selenium	<2.4	2.4	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [3]
Silver	<0.61	0.61	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [3]
Sodium	<1200	1200	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [3]
Thallium	<1.2	1.2	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [3]
Vanadium	11.5	6.1	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [3]
Zinc	131	18	mg/kg	1	07/10/25	07/11/25	MM	SW846 6010D [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA58922
(2) Instrument QC Batch: MA58936
(3) Prep QC Batch: MP55736
(4) Prep QC Batch: MP55755

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RL = Reporting Limit

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609D
SDG #: JE14764
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1/1
Reviewer: DS
2nd Reviewer: JC

Method: Metals (EPA 6010D); Mercury (EPA 7471B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	Initial Calibration	A	
III	ICV/Continuing Calibration	A	
IV	ICP Interference Check Sample (ICS) Analysis	A	
V	Laboratory Blanks	A	
VI	Field Blank	N	
VII	Matrix Spike/Matrix Spike Duplicate	N	
VIII	Laboratory Duplicate	N	
IX	Serial Dilution	N	
X	Laboratory Control Sample	A	LCS
XI	Field Duplicate	N	
XII	Target Analyte Quantitation	A	MDL< no sample < RL
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB015 6-8 1x all Metals, Except 5x Hg (high analyte)	JE14764-2		Soil	07/08/2025	Category B

Notes:

LDC #: 61609D

All elements are applicable to each sample as noted below.

Sample ID	Matrix	Method	Target Analyte List
1	Solid	EPA 6010D	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, Tl, V, Zn
1	Solid	EPA 7471B	Hg

Comments:

VALIDATION FINDINGS CHECKLIST

Reviewer: DS

LDC #: 61609D	METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)			
Validation Area	**Yes**	**No**	**NA**	**Comments**
I. Technical holding times				
Were all technical holding times met?	YES			
Were all water samples preserved to a pH of <2.	YES			
II. ICP-MS Tune				
Were mass resolutions within 0.1 amu for all isotopes in the tuning solution?			NA	
Were %RSDs of isoptoes in the tuning solution ≤5%?			NA	
III. Calibration				
Were all instruments calibrated daily?	YES			
Were the proper standards used?	YES			
Were all initial and continuing calibration verifications within the 90-110% (80-120% for mercury) QC limits?	Yes			
Were the low level standard checks within 70-130%?	YES			
Were all initial calibration correlation coefficients within limits as specifed by the method?	YES			
IV. Interference Check Sample				
Were the interference check samples performed daily?	YES			
Were the AB solution recoveries within 80-120%?	YES			
V. Blanks				
Was a method blank associated with every sample in this SDG?	YES			
Was there contamination in the method blanks?		NO		
Was there contamination in the initial and continuing calibration blanks?		NO		
VI. Field Blanks				
Were field blanks identified in this SDG?		NO		
Were target analytes detected in the field blanks?			NA	
VII. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)			NA	
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?			NA	

IX. Serial Dilution				
Were all percent differences (DOD <10%, NFG<20%)			NA	
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.			NA	
X. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	Yes			
Were the LCS recoveries and RPDs (if applicable) within QC limits?	YES			
XI. Field Duplicates				
Were field duplicates identifed in this SDG?		NO		
Were target analytes detected in the field duplicates?			NA	
VII. Internal Standards				
Were all percent recoveries within the 30-120% (60-125% for EPA Method 200.8) QC limits?			NA	
If the recoveries were outside the limits, was a reanalysis performed?			NA	
XIII. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	YES			
Were all soil samples dry weight corrected?	YES			
XIV. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	YES			

VALIDATION FINDINGS CHECKLIST
Calibration Calculation Verification

LDC #: 61609D

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
An intial calibration verification (ICV), continuing calibration verification (CCV), low level calibration check (LLCC), and interference check sample
%R = (Found/True) x 100 Found = concentration of each analyte measured in the analysis
True = concentration of each analyte in the source

Standard ID	Type of Analysis	Element	Found (ug/L)	True (ug/L)	Recalculated %R	Reported %R	Acceptable (Y/N)
ICV	ICP	Sb	1980	2000	99	99	Y
CCV	ICP	Al	40700	40000	101.8	101.8	Y
LLCC	ICP	Mn	15.9	15	106	106	Y
ICSAB	ICP	Fe	191000	200000	95.5	95.5	Y
ICV	ICP-MS				NA	NA	NA
CCV	ICP-MS				NA	NA	NA
LLCC	ICP-MS				NA	NA	NA
ICSAB	ICP-MS				NA	NA	NA
ICV	CVAA	Hg	3.23	3	107.7	107	Y
CCV	CVAA	Hg	2.43	2.5	97.2	97.2	Y

ICP-MS Tune	QC Parameter	Mass	Actual	Required
NA	Mass Axis			± 0.1 amu
NA	%RSD			≤ 5%

VALIDATION FINDINGS WORKSHEET
Quality Control Sample Recalculations

LDC #: 61609D

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Percent recoveries (%R) for the laboratory control sample (LCS), matrix spike (MS), and post digestion spike (PDS) were recalculated using
%R = (Found/True) x 100
Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)
True = concentration of each analyte in the source
The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:
RPD = (Absolute value(S-D)x 200) / (S+D)
S = Original sample concentration
D = Duplicate sample concentration
The serial dilution percent difference (%D) was recalculated using the following formula.
%D = (Absolute value (I - SDR)) x 100 / (I)
I = Initial sample result
SDR = Serial dilution result (with a 5x dilution applied)

Sample ID	Type of Analysis	Element	Found/S/I	True/D/SDR	Recalculated %R/RPD/%D	Reported %R/RPD/%D	Acceptable (Y/N)
MP55755	LCS	Hg	20.8	25.5	81.6	81.6	Y
NA	MS				#DIV/0!		---
NA	Duplicate				#DIV/0!		---
NA	PDS				#DIV/0!		---
NA	Serial dilution				#DIV/0!		---

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

LDC #: 61609D

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

Analytes were recalculated and verified using the following equation:
Concentration = (Result from raw data x Final volume x Dilution factor) / (Percent solids x Initial weight)

Sample ID	Analyte	Raw Data (mg/l)	Dilution	Initial Weight/ Volume (g)	Final Volume (mL)	Percent solids (%)	Reported Result (mg/kg)	Recalculated Result (mg/kg)	Acceptable (Y/N)
1	Fe	31.17	1	0.993	100	82.3	3810	3814	Y

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB015 6-8		
Lab Sample ID:	JE14764-2	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
		Percent Solids:	82.3
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	0.52	0.48	mg/kg	1	07/14/25 16:14	RI	SW846 3060A/7196A
Cyanide	0.40	0.32	mg/kg	1	07/10/25 16:05	JD	SW846 9012B/LACHAT
Solids, Percent	82.3		%	1	07/09/25 14:00	GT	SM2540 G 18TH ED MOD

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OCT 15 2025

RL = Reporting Limit

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609D
SDG #: JE14764
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1/1
Reviewer: DS
2nd Reviewer:

Method: Cyanide (EPA 9012B); Hexavalent Chromium (EPA 7196A)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	Initial Calibration	A	
III	ICV/Continuing Calibration	A	
IV	Laboratory Blanks	A	
V	Field Blank	N	
VI	Matrix Spike/Matrix Spike Duplicate	N	
VII	Laboratory Duplicate	N	
VIII	Laboratory Control Sample	A	LCS
IX	Field Duplicate	N	
X	Target Analyte Quantitation	A	MDL< no sample < RL
XI	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB015 6-8 No Dilution	JE14764-2		Soil	07/08/2025	Category B

Notes:

LDC #: 61609D

All elements are applicable to each sample as noted below.

Sample ID	Matrix	Method	Target Analyte List
1	Soil	EPA 9012B	Cyanide
↓	↓	EPA 7196A	Hexavalent Chromium

Comments:

VALIDATION FINDINGS CHECKLIST

Reviewer: DS

LDC #: 61609D		METHOD: Inorganics			
Validation Area	**Yes**	**No**	**NA**	**Comments**	
I. Technical holding times					
Were all technical holding times met?	YES				
II/III Calibration					
Were all instruments calibrated at the required frequency?	YES				
Were the proper number of standards used?	YES				
Were all initial and continuing calibration verifications within the QC limits?	YES				
Were all initial calibration correlation coefficients within limits as specifed by the method?	YES				
Were balance checks performed as required?	YES				
IV Blanks					
Was a method blank associated with every sample in this SDG?	YES				
Was there contamination in the method blanks?		NO			
Was there contamination in the initial and continuing calibration blanks?		NO			
V. Field Blanks					
Were field blanks identified in this SDG?		NO			
Were target analytes detected in the field blanks?			NA		
VI. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates					
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)			NA		
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?			NA		
VIII. Laboratory Control Samples					
Was a LCS analyzed for each batch in the SDG?	YES				
Were the LCS recoveries and RPDs (if applicable) within QC limits?	YES				
IX. Field Duplicates					
Were field duplicates identifed in this SDG?		NO			
Were target analytes detected in the field duplicates?			NA		
X. Sample Result Verification					
Were all reporting limits adjusted to reflect	YES				
Were all soil samples dry weight corrected?	YES				
XI. Overall Assessment of Data					
Was the overall assessment of the data found to be acceptable?	YES				

VALIDATION FINDINGS CHECKLIST

Initial and Continuing Calibration Calculation Verification

METHOD: Inorganics
The correlation
Calibration date: 7/14/2025
An initial or continuing calibration verification percent recovery (%R) was recalculated for each type of analysis using the following formula:
%R = (Found/True) x 100
Found = concentration of each analyte measured in the analysis of the ICV or CCV solution
True = concentration of each analyte in the ICV or CCV source

Type of Analysis	Analyte	Standard	Concentration (mg/L)	Area	Recalculated r or r^2	Reported r or r^2	Acceptable (Y/N)
Initial Calibration	Cr(VI)	s1	0	0	0.99988	0.99989	Y
		s2	0.01	0.011			
		s3	0.05	0.052			
		s4	0.1	0.103			
		s5	0.3	0.292			
		s6	0.5	0.506			
		s7	0.8	0.791			
		s8	1	1.007			
		s9					
		s10					
		s11					
		s12					

Type of Analysis	Analyte	Found (mg/L)	True (mg/L)		Recalculated %R	Reported %R	Acceptable (Y/N)
Calibration verification	CN-	0.367	0.4		91.8	91.8	Y
Calibration verification	Cr(VI)	0.49	0.5		98	98	Y
Calibration verification	CN-	0.365	0.4		91.3	91.4	Y

VALIDATION FINDINGS CHECKLIST
Quality Control Sample Recalculations

LDC #: 61609D

METHOD: Inorganics
Percent recoveries (%R) for the laboratory control sample (LCS) and matrix spike (MS) were recalcuated using the following
%R = (Found/True) x 100
Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)
True = concentration of each analyte in the source
The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:
RPD = (Absolute value(S-D)x 200) / (S+D)
S = Original sample concentration
D = Duplicate sample concentration

Sample ID	Type of Analysis	Element	Found/S	True/D	Recalculated %R/RPD	Reported %R/RPD	Acceptable (Y/N)
GP62412	LCS	CN-	5.14	4.8	107.1	107.1	Y
NA	MS						
NA	Duplicate						

VALIDATION FINDINGS CHECKLIST

Sample Calculation Verification

Reviewer: DS

LDC #: 61609D

METHOD: Inorganics

Analytes were recalculated and verified using the following equation:

Concentration = (Result from raw data x Final volume x Dilution factor) / (Percent solids (if applicable) x Initial weight or volume)

Sample ID	Analyte	Raw Data (mg/L)	Dilution	Initial Weight (g)	Final Volume (mL)	Percent solids (%)	Reported Result (mg/kg)	Recalculated Result (mg/kg)	Acceptable (Y/N)
CN-	1	0.0126	1	0.23	6	82.3	0.4	0.4	Y

Site:	60 Alexander Street, Yonkers, NY
Laboratory:	SGS North America, Inc., Dayton, NJ
SDG:	JE14764R
Reviewer:	Felomina Tanguilig and Pei Geng/Laboratory Data Consultants for P.W. Grosser Consulting - Bohemia, NY
Date:	October 15, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
SB015 18-20	JE14764-4R	SVOC

Associated QC Samples(s):

Field/Trip Blanks:	None Associated
Field Duplicate pair:	None Associated

The above-listed soil sample was collected on July 8, 2025 and was analyzed for semivolatile organic compounds (SVOC) by SW-846 method 8270E. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270E* and the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review,* EPA 540-R-20-005 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The organic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Initial and Continuing Calibrations
- Blank Analysis Results
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Target Analyte Identification

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to sample matrix or laboratory quality control outliers with the exceptions listed below.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

GC/MS Tunes

All criteria were met.

Initial and Continuing Calibrations

Initial calibration:

For analytes where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 20.0%.

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
07/11/25	CCV	Hexachlorocyclopentadiene	52.4	SB015 18-20	J (all detects) UJ (all non-detects)
		Acenaphthylene	20.9		J (all detects) UJ (all non-detects)

All of the continuing calibration relative response factors (RRF) were within validation criteria.

Blanks

Contamination was not detected in the method blanks.

A field blank was not associated with this sample set. Validation action was not required on this basis.

Surrogate Recoveries

All criteria were met.

MS/MSD Results

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

LCS Results

All criteria were met.

Internal Standards

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Quantitation Limits and Data Assessment

No results were reported below the reporting limit (RL) and above the method detection limit (MDL) in the SVOC analysis.

Sample Quantitation and Target Analyte Identification

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

JN - The analysis indicates the presence of an analyte that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB015 18-20		
Lab Sample ID:	JE14764-4R	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	72.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2P125260.D	1	07/11/25 17:12	RS	07/10/25 11:15	OP65238	E2P5631
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND U	92	23	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	28	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	39	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	82	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	230	170	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	230	49	ug/kg	
95-48-7	2-Methylphenol	ND	92	29	ug/kg	
	3&4-Methylphenol	158	92	38	ug/kg	
88-75-5	2-Nitrophenol	ND U	230	30	ug/kg	
100-02-7	4-Nitrophenol	ND	460	120	ug/kg	
87-86-5	Pentachlorophenol	ND	180	43	ug/kg	
108-95-2	Phenol	ND	92	24	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	230	30	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	34	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	27	ug/kg	
83-32-9	Acenaphthene	604	46	16	ug/kg	
208-96-8	Acenaphthylene [a]	141 J	46	23	ug/kg	
98-86-2	Acetophenone	ND U	230	9.9	ug/kg	
120-12-7	Anthracene	1070	46	28	ug/kg	
1912-24-9	Atrazine	ND U	92	20	ug/kg	
56-55-3	Benzo(a)anthracene	1490	46	13	ug/kg	
50-32-8	Benzo(a)pyrene	1220	46	21	ug/kg	
205-99-2	Benzo(b)fluoranthene	1420	46	20	ug/kg	
191-24-2	Benzo(g,h,i)perylene	639	46	23	ug/kg	
207-08-9	Benzo(k)fluoranthene	395	46	21	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND U	92	18	ug/kg	
85-68-7	Butyl benzyl phthalate	ND U	92	11	ug/kg	
92-52-4	1,1'-Biphenyl	96.5	92	6.3	ug/kg	
100-52-7	Benzaldehyde	ND U	230	11	ug/kg	
91-58-7	2-Chloronaphthalene	ND	92	11	ug/kg	
106-47-8	4-Chloroaniline	ND	230	17	ug/kg	
86-74-8	Carbazole	345	92	6.7	ug/kg	

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OCT 15 2025

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB015 18-20		
Lab Sample ID:	JE14764-4R	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	72.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND U	92	18	ug/kg	
218-01-9	Chrysene	1330	46	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND U	92	9.8	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	92	20	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	92	17	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	92	15	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	46	14	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	46	23	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	92	38	ug/kg	
123-91-1	1,4-Dioxane	ND	46	30	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	190	46	20	ug/kg	
132-64-9	Dibenzofuran	402	92	19	ug/kg	
84-74-2	Di-n-butyl phthalate	ND U	92	7.5	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	92	11	ug/kg	
84-66-2	Diethyl phthalate	ND	92	9.8	ug/kg	
131-11-3	Dimethyl phthalate	ND	92	8.2	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	92	11	ug/kg	
206-44-0	Fluoranthene	3440	46	21	ug/kg	
86-73-7	Fluorene	611	46	21	ug/kg	
118-74-1	Hexachlorobenzene	ND U	92	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND U	46	18	ug/kg	
77-47-4	Hexachlorocyclopentadiene [a]	ND U	460	18	ug/kg	
67-72-1	Hexachloroethane	ND U	230	23	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	538	46	22	ug/kg	
78-59-1	Isophorone	ND U	92	9.8	ug/kg	
91-57-6	2-Methylnaphthalene	490	46	10	ug/kg	
88-74-4	2-Nitroaniline	ND U	230	11	ug/kg	
99-09-2	3-Nitroaniline	ND	230	12	ug/kg	
100-01-6	4-Nitroaniline	ND	230	12	ug/kg	
91-20-3	Naphthalene	660	46	13	ug/kg	
98-95-3	Nitrobenzene	ND U	92	18	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	92	13	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	17	ug/kg	
85-01-8	Phenanthrene	3950	46	15	ug/kg	
129-00-0	Pyrene	3400	46	15	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND U	230	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	58%		10-99%

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OCT 15 2025

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609E
SDG #: JE14764R
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1
Reviewer: FT
2nd Reviewer:

Method: Semivolatiles (EPA 8270E) + TICs

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	GC/MS Instrument Performance Check	A/A	
III	Initial Calibration/ ICV	A/A	%RSD ≤ 20, r ICV ≤ 30 CCV ≤ 20
IV	Continuing Calibration	SW	
V	Laboratory Blanks	A	
VI	Field Blank	N	
VII	Surrogate Spikes	A	
VIII	Matrix Spike/Matrix Spike Duplicate	N	LCS
IX	Laboratory Control Sample	A	
X	Field Duplicate	N	
XI	Internal standards	A	
XII	Target Analyte Quantitation	A	No Results < PL > MDL
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB015 18-20	JE14764-4R		Soil	07/08/2025	Category B

Notes:

OP65238		

LDC #: 61609E

VALIDATION FINDINGS CHECKLIST

Reviewer: FT

Method: Semivolatiles (EPA SW 846 Method 8270 E)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS Instrument performance check				
Were the DFTPP performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
IIIa. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% 15/30% and relative response factors (RRF) within method criteria?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
IIIb. Initial Calibration Verification				
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If 2 or more base neutral or acid surrogates were outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recoveries (%R) was less than 10%, was a reanalysis performed to confirm %R ?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?			✓	

Validation Area	Yes	No	NA	Findings/Comments
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were compound quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XV. Overall assessment of data				
Overall assessment of data was found to be acceptable.		✓		

TARGET ANALYTE LIST

METHOD: GC/MS SVOC

A. Phenol	GG. Acenaphthene	MMM. Bis(2-Chloroisopropyl)ether	SSSS. 2/3-Dimethyldibenzothiophene	Y1. 3,3'-Dimethylbenzidine
B. Bis (2-chloroethyl) ether	HH. 2,4-Dinitrophenol	NNN. Aniline	TTTT. 1-Methyldibenzothiophene	Z1. o-Toluidine
C. 2-Chlorophenol	II. 4-Nitrophenol	OOO. N-Nitrosodimethylamine	UUUU.. 2,3,4,6-Tetrachlorophenol	A2. Benzo(j)fluoranthene
D. 1,3-Dichlorobenzene	JJ. Dibenzofuran	PPP. Benzoic Acid	VVVV. 1,2,4,5-Tetrachlorobenzene	B2. Benzofluoranthenes, total
E. 1,4-Dichlorobenzene	KK. 2,4-Dinitrotoluene	QQQ. Benzyl alcohol	WWWW.. 2-Picoline	C2. trans-Decalin
F. 1,2-Dichlorobenzene	LL. Diethylphthalate	RRR. Pyridine	XXXX. 3-Methylcholanthrene	D2. cis-Decalin
G. 2-Methylphenol	MM. 4-Chlorophenyl-phenyl ether	SSS. Benzidine	YYYY. a,a-Dimethylphenethylamine	E2. Dibenzo(a)anthracenes
H. 2,2'-Oxybis(1-chloropropane)	NN. Fluorene	TTT. 1-Methylnaphthalene	ZZZZ. Hexachloropropene	F2. Benzo(j)+(k)fluoranthene
I. 4-Methylphenol	OO. 4-Nitroaniline	UUU.Benzo(b)thiophene	A1. N-Nitrosodiethylamine	G2.
J. N-Nitroso-di-n-propylamine	PP. 4,6-Dinitro-2-methylphenol	VVV.Benzonaphthothiophene	B1. N-Nitrosodi-n-butylamine	H2.
K. Hexachloroethane	QQ. N-Nitrosodiphenylamine	WWW.Benzo(e)pyrene	C1. N-Nitrosomethylethylamine	I2.
L. Nitrobenzene	RR. 4-Bromophenyl-phenylether	XXX. 2,6-Dimethylnaphthalene	D1. N-Nitrosomorpholine	J2.
M. Isophorone	SS. Hexachlorobenzene	YYY. 2,3,5-Trimethylnaphthalene	E1. N-Nitrosopyrrolidine	K2.
N. 2-Nitrophenol	TT. Pentachlorophenol	ZZZ. Perylene	F1. Phenacetin	L2.
O. 2,4-Dimethylphenol	UU. Phenanthrene	AAAA. Dibenzothiophene	G1. 2-Acetylaminofluorene	M2.
P. Bis(2-chloroethoxy)methane	VV. Anthracene	BBBB. Benzo(a)fluoranthene	H1. Pronamide	N2.
Q. 2,4-Dichlorophenol	WW. Carbazole	CCCC. Benzo(b)fluorene	I1. Methyl methanesulfonate	O2.
R. 1,2,4-Trichlorobenzene	XX. Di-n-butylphthalate	DDDD. cis/trans-Decalin	J1. Ethyl methanesulfonate	P2.
S. Naphthalene	YY. Fluoranthene	EEEE. Biphenyl	K1. o,o',o''-Triethylphosphorothioate	Q2.
T. 4-Chloroaniline	ZZ. Pyrene	FFFF. Retene	L1. n-Phenylene diamine	R2.
U. Hexachlorobutadiene	AAA. Butylbenzylphthalate	GGGG. C30-Hopane	M1. 1,4-Naphthoquinone	S2.
V. 4-Chloro-3-methylphenol	BBB. 3,3'-Dichlorobenzidine	HHHH. 1-Methylphenanthrene	N1. N-Nitro-o-toluidine	T2.
W. 2-Methylnaphthalene	CCC. Benzo(a)anthracene	IIII. 1,4-Dioxane	O1. 1,3,5-Trinitrobenzene	U2.
X. Hexachlorocyclopentadiene	DDD. Chrysene	JJJJ. Acetophenone	P1. Pentachlorobenzene	V2..
Y. 2,4,6-Trichlorophenol	EEE. Bis(2-ethylhexyl)phthalate	KKKK. Atrazine	Q1. 4-Aminobiphenyl	W2
Z. 2,4,5-Trichlorophenol	FFF. Di-n-octylphthalate	LLLL. Benzaldehyde	R1. 2-Naphthylamine	X2..
AA. 2-Chloronaphthalene	GGG. Benzo(b)fluoranthene	MMMM. Caprolactam	S1. Triphenylene	Y2.
BB. 2-Nitroaniline	HHH. Benzo(k)fluoranthene	NNNN. 2,6-Dichlorophenol	T1. Octachlorostyrene	Z2.
CC. Dimethylphthalate	III. Benzo(a)pyrene	OOOO. 1,2-Diphenylhydrazine	U1. Famphur	
DD. Acenaphthylene	JJJ. Indeno(1,2,3-cd)pyrene	PPPP. 3-Methylphenol	V1. 1,4-phenylenediamine	
EE. 2,6-Dinitrotoluene	KKK. Dibenz(a,h)anthracene	QQQQ. 3&4-Methylphenol	W1. Methapyrilene	
FF. 3-Nitroaniline	LLL. Benzo(g,h,i)perylene	RRRR. 4-Dimethyldibenzothiophene	X1. Pentachloroethane	

LDC #: _ 61609E

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: ____FT_____

METHOD: GC/MS BNA (EPA SW 846 Method 8270 C)
Continuing calibration standards were analyzed at the required frequencies.
The retention times for all calibrated compounds were within their respective acceptance windows.
All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Compound	%D (Limit ≤ 20 %)	RRF (Limits)	Associated samples	Qualifications
	ee 7/11/15 0805	CCV	X	52.4		All	J/UJ/A ND+Det
			DD	20.9		↓	↓ ↓

	DOD	NFG	
%D	20%/50%	Method criteria	RRF: 0.05

LDC #: 61609E

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: FT

METHOD: GCMS 8270E

The calibration factors (RRFF), average RRFF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

RRF = (Ax)(Cis)/(Ais)(Cx)
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

Where:

Ax = Area of compound
Cx = Concentration of compound
S = Standard deviation of the RRFs
X = Mean of the RRFs
Ais = Area of associated internal standard
Cis = Concentration of internal Standard

#	Standard ID	Calibration Date	Compound	Reported (RRF 10ppm std)	Recalculated (RRF 10ppm std)	Reported AverageRRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
	ICAL GCMS2P	3/7/2025	A	1.443	1.443	1.491	1.491	8.70	8.70
			S	0.990	0.990	0.999	0.999	5.47	5.47
			GG	1.191	1.191	1.241	1.241	6.25	6.25
			UU	1.053	1.053	1.099	1.099	6.86	6.86
			DDD	1.137	1.137	1.177	1.177	4.93	4.93
			JJJ	1.296	1.296	1.376	1.376	10.37	10.37

LDC # 61609E

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: FT

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 E)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	ccv	7/11/25 0805	A	1.491	1.560	1.560	4.6	4.6
			S	0.999	1.004	1.004	0.5	0.5
			GG	1.241	1.252	1.252	0.9	0.9
			HH	1.099	1.086	1.086	1.2	1.2
			DDD	1.177	1.150	1.150	2.3	2.3
			JJJ	1.376	1.296	1.296	5.8	5.8

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

LDC # 61609E

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 E)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: #1

Surrogate	Surrogate Spiked (ppm)	Surrogate Found (ppm)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Nitrobenzene-d5	50 ppm	28.36	57	57	0
2-Fluorobiphenyl		34.87	70	70	
Terphenyl-d14		32.87	66	66	
Phenol-d5		28.72	57	57	
2-Fluorophenol		28.76	58	58	
2,4,6-Tribromophenol		32.53	65	65	

LDC # 61609E

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 E)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS ID: 0965238 - LC

Compound	SA (ug/kg)		SSC (ug/kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Phenol	1670	NA	1120	NA	67	67				
N-Nitroso-di-n-propylamine	↓		928		56	56				
4-Chloro-3-methylphenol	1670		1140		68	68				
Acenaphthene	1670		1080		65	65				
Pentachlorophenol	3330		1440		43	43				
Pyrene	1670		1170		70	70	NA			

LDC #: 61609E

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GCMS 8270

Results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

#1 DDD

Final Conc = $\frac{\text{Conc} * Vp * DF}{VS}$

Where:

Ax = Area or height of the peak for the compound to be measured
DF = Dilution factor
CF = Calibration factor from continuing calibration curve
Vs = Volume of sample extracted in milliters (mL)
Vp = Purge Volume

$$\text{Concentration} = \frac{(118705)(40)(1.0)(1000)}{(139629)(1.177)(30.1)(0.722)}$$

$$= 1329 \text{ ug/kg}$$

%S = 72.2 1.0 / 30.1

Sample #	Analyte	Calculated Concentration (ug/kg)	Reported Concentration (ug/kg)	% Diff
		1329	1330	

Site:	60 Alexander Street, Yonkers, NY
Laboratory:	SGS North America, Inc., Dayton, NJ
SDG:	JE14764R
Reviewer:	Dailey Sparks, Jonathon Carmichael, and Pei Geng/Laboratory Data Consultants for Laboratory Data Consultants for P.W. Grosser Consulting - Bohemia, NY
Date:	October 15, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
SB015 18-20	JE14764-4R	Metals

Associated QC Samples(s):

Field/Trip Blanks: None Associated
Field Duplicate pair: None Associated

The above-listed soil sample was collected on July 8, 2025 and was analyzed for metals by SW-846 methods 6010D and 7471B. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for ICP-AES Data Validation,* SOP No. HW-3a, ISM02.2, Revision 1 (September 2016), USEPA Region 2 *Standard Operating Procedure for Mercury and Cyanide Data Validation,* SOP No. HW-3c, ISM02.2, Revision 1 (September 2016), and the USEPA *National Functional Guidelines for Inorganic Superfund Data Review,* EPA 542-R-20-006 (November 2020)

The inorganic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Instrument Calibration
- Blank Analysis Results
- Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Result
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Duplicate Results
- Laboratory Control Sample (LCS) Results
- Serial Dilution Results
- Field Duplicate Results
- Detection Limits Results
- Sample Quantitation Results

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to laboratory quality control outliers.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

Initial and Continuing Calibration

All criteria were met.

ICP Interference Check Sample Analysis

All criteria were met.

Blanks

Contamination was not detected in the method blanks.

A field blank was not associated with this sample set. Validation action was not required on this basis.

MS/MSD Results

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

Laboratory Duplicate Results

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

Serial Dilution

Serial dilution was not performed for this SDG.

LCS Results

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Detection Limits Results

No results were reported below the reporting limit (RL) and above the method detection limit (MDL) in the metals analysis.

Due to high target analyte levels or difficult sample matrix, select samples were analyzed at dilutions. The following table lists the sample dilutions which were performed and the results reported. RLs were elevated accordingly.

Sample	Metals Analyses Reported
SB015 18-20	10-fold dilution due to high target analyte level for mercury

Sample Quantitation Results

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

Report of Analysis

Client Sample ID:	SB015 18-20		
Lab Sample ID:	JE14764-4R	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
		Percent Solids:	72.2
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	8200	69	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [3]	SW846 3050B [4]
Antimony	< 2.8 U	2.8	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	8.8	2.8	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Barium	108	28	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [3]	SW846 3050B [4]
Beryllium	0.34	0.28	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [3]	SW846 3050B [4]
Cadmium	< 0.69 U	0.69	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Calcium	4560	690	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [3]	SW846 3050B [4]
Chromium	16.5	1.4	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	< 6.9 U	6.9	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Copper	155	3.4	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Iron	16600	69	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [3]	SW846 3050B [4]
Lead	1090	2.8	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	2510	690	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [3]	SW846 3050B [4]
Manganese	180	2.1	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Mercury	5.7	0.37	mg/kg	10	07/30/25	07/30/25	CM	SW846 7471B [1]	SW846 7471B [5]
Nickel	13.3	5.5	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Potassium	< 1400 U	1400	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [3]	SW846 3050B [4]
Selenium	< 2.8	2.8	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Silver	< 0.69	0.69	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Sodium	< 1400	1400	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [3]	SW846 3050B [4]
Thallium	< 1.4	1.4	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	22.5	6.9	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]
Zinc	181	6.9	mg/kg	1	07/30/25	07/31/25	LM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA59047
(2) Instrument QC Batch: MA59051
(3) Instrument QC Batch: MA59062
(4) Prep QC Batch: MP56210
(5) Prep QC Batch: MP56228

PG

OCT 15 2025

RL = Reporting Limit

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609E
SDG #: JE14764R
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1/1
Reviewer: DS
2nd Reviewer: SC

Method: Metals (EPA 6010D); Mercury (EPA 7471B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	Initial Calibration	A	
III	ICV/Continuing Calibration	A	
IV	ICP Interference Check Sample (ICS) Analysis	A	
V	Laboratory Blanks	A	
VI	Field Blank	N	
VII	Matrix Spike/Matrix Spike Duplicate	N	
VIII	Laboratory Duplicate	N	
IX	Serial Dilution	N	
X	Laboratory Control Sample	A	LCS
XI	Field Duplicate	N	
XII	Target Analyte Quantitation	A	MDL < No Sample < RL
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB015 18-20 1x all Metals, Except 10x Hg (high analyte)	JE14764-4R		Soil	07/08/2025	Category B

Notes:

VALIDATION FINDINGS WORKSHEET
Sample Specific Element Reference

Reviewer: DS

LDC #: 61609E

All elements are applicable to each sample as noted below.

Sample ID	Matrix	Method	Target Analyte List
1	Soil	EPA 6010D	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, Tl, V, Zn
1	Soil	EPA 7471B	Hg

Comments:

VALIDATION FINDINGS CHECKLIST

Reviewer: DS

LDC #: 61609E	METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)			
Validation Area	**Yes**	**No**	**NA**	**Comments**
I. Technical holding times				
Were all technical holding times met?	YES			
Were all water samples preserved to a pH of <2.	YES			
II. ICP-MS Tune				
Were mass resolutions within 0.1 amu for all isotopes in the tuning solution?			NA	
Were %RSDs of isoptoes in the tuning solution ≤5%?			NA	
III. Calibration				
Were all instruments calibrated daily?	YES			
Were the proper standards used?	YES			
Were all initial and continuing calibration verifications within the 90-110% (80-120% for mercury) QC limits?	YES			
Were the low level standard checks within 70-130%?	YES			
Were all initial calibration correlation coefficients within limits as specifed by the method?	YES			
IV. Interference Check Sample				
Were the interference check samples performed daily?	YES			
Were the AB solution recoveries within 80-120%?	YES			
V. Blanks				
Was a method blank associated with every sample in this SDG?	YES			
Was there contamination in the method blanks?		NO		
Was there contamination in the initial and continuing calibration blanks?		NO		
VI. Field Blanks				
Were field blanks identified in this SDG?		NO		
Were target analytes detected in the field blanks?			NA	
VII. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)			NA	
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?			NA	

IX. Serial Dilution				
Were all percent differences (<10%)			NA	
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.			NA	
X. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	YES			
Were the LCS recoveries and RPDs (if applicable) within QC limits?	YES			
XI. Field Duplicates				
Were field duplicates identifed in this SDG?		NO		
Were target analytes detected in the field duplicates?			NA	
VII. Internal Standards				
Were all percent recoveries within the 30-120% (60-125% for EPA Method 200.8) QC limits?			NA	
If the recoveries were outside the limits, was a reanalysis performed?			NA	
XIII. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	YES			
Were all soil samples dry weight corrected?	YES			
XIV. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	YES			

VALIDATION FINDINGS CHECKLIST

Calibration Calculation Verification

Reviewer: DS

LDC #: 61609E

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

An intial calibration verification (ICV), continuing calibration verification (CCV), low level calibration check (LLCC), and interference check sample

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis

True = concentration of each analyte in the source

Standard ID	Type of Analysis	Element	Found (ug/L)	True (ug/L)	Recalculated %R	Reported %R	Acceptable (Y/N)
ICV	ICP	Cd	2030	2000	101.5	101.5	Y
CCV	ICP	Fe	40600	40000	101.5	101.5	Y
LLCC	ICP	Ba	203	200	101.5	101.5	Y
ICSAB	ICP	Cu	525	500	105	105	Y
ICV	ICP-MS			NA	NA	NA	NA
CCV	ICP-MS			NA	NA	NA	NA
LLCC	ICP-MS			NA	NA	NA	NA
ICSAB	ICP-MS			NA	NA	NA	NA
ICV	CVAA	Hg	3.02	3	100.7	100.7	Y
CCV	CVAA	Hg	2.5	2.5	100	100	Y

ICP-MS Tune	QC Parameter	Mass	Actual	Required
NA	Mass Axis			± 0.1 amu
NA	%RSD			≤ 5%

VALIDATION FINDINGS WORKSHEET
Quality Control Sample Recalculations

LDC #: 61609E

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Percent recoveries (%R) for the laboratory control sample (LCS), matrix spike (MS), and post digestion spike (PDS) were recalculated using
%R = (Found/True) x 100
Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)
True = concentration of each analyte in the source
The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:
RPD = (Absolute value(S-D)x 200) / (S+D)
S = Original sample concentration
D = Duplicate sample concentration
The serial dilution percent difference (%D) was recalculated using the following formula.
%D = (Absolute value (I - SDR)) x 100 / (I)
I = Initial sample result
SDR = Serial dilution result (with a 5x dilution applied)

Sample ID	Type of Analysis	Element	Found/S/I	True/D/SDR	Recalculated %R/RPD/%D	Reported %R/RPD/%D	Acceptable (Y/N)
MP56228	LCS	Hg	0.34	0.333	102	102	Y
NA	MS				#DIV/0!		---
NA	Duplicate				#DIV/0!		---
NA	PDS				#DIV/0!		---
NA	Serial dilution				#DIV/0!		---

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: DS

LDC #: 61609E

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

Analytes were recalculated and verified using the following equation:
Concentration = (Result from raw data x Final volume x Dilution factor) / (Percent solids x Initial weight)

Sample ID	Analyte	Raw Data (mg/l)	Dilution	Initial Weight/ Volume (g)	Final Volume (mL)	Percent solids (%)	Reported Result (mg/kg)	Recalculated Result (mg/kg)	Acceptable (Y/N)
1	Zinc	1.336	1	1.007	100	72.2	181	184	Y

Site:	60 Alexander Street, Yonkers, NY
Laboratory:	SGS North America, Inc., Dayton, NJ
SDG:	JE14764U
Reviewer:	Felomina Tanguilig and Pei Geng/Laboratory Data Consultants for P.W. Grosser Consulting - Bohemia, NY
Date:	October 15, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
SB013 13-15	JE14764-6U	VOC

Associated QC Samples(s):

Field/Trip Blanks:	TRIP BLANK
Field Duplicate pair:	None Associated

The above-listed soil sample was collected on July 8, 2025 and was analyzed for volatile organic compounds (VOC) by SW-846 method 8260D. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for Validating Volatile Organic Compounds By Gas Chromatography/Mass Spectrometry,* SOP HW-24, Revision 4 (October 2014) and the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review,* EPA 540-R-20-005 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The organic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Initial and Continuing Calibrations
- Blank Analysis Results
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Target Analyte Identification

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to sample matrix or laboratory quality control outliers with the exceptions listed below.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

GC/MS Tunes

All criteria were met.

Initial and Continuing Calibrations

All criteria were met.

Blanks

Contamination was not detected in the method blanks.

No positive results were found in the trip blank sample TRIP BLANK for VOC analysis.

Surrogate Recoveries

All criteria were met.

MS/MSD Results

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

LCS Results

All criteria were met.

Internal Standards

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Quantitation Limits and Data Assessment

No results were reported below the reporting limit (RL) and above the method detection limit (MDL) in the VOC analysis.

Sample Quantitation and Target Analyte Identification

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

JN - The analysis indicates the presence of an analyte that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

Raw Data: 3C194947U.D

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB013 13-15		
Lab Sample ID:	JE14764-6U	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
Method:	SW846 8260D	**Percent Solids:**	83.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C194947U.D	1	07/12/25 03:57	JN	n/a	n/a	V3C8459
Run #2							

	Initial Weight
Run #1	4.7 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	ND	2.6	0.52	ug/kg	
135-98-8	sec-Butylbenzene	ND	2.6	0.55	ug/kg	
98-06-6	tert-Butylbenzene	ND	2.6	0.64	ug/kg	
91-20-3	Naphthalene	ND	6.4	3.2	ug/kg	
103-65-1	n-Propylbenzene	ND	2.6	0.60	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	2.6	0.64	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	2.6	0.55	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-124%
17060-07-0	1,2-Dichloroethane-D4	101%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	99%		58-148%

PG

OCT 15 2025

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609F
SDG #: JE14764U
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1
Reviewer: KM
2nd Reviewer: [signature]

Method: Volatiles (EPA 8260D)

The samples listed ~~below~~ + TTB were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/SW	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/SW	%RSD ≤ 20 ICV ≤ 30
IV	Continuing Calibration	A	CCV ≤ 20
V	Laboratory Blanks	A	
VI	Field Blank	ND	TB = TRIP BLANK (JE14764)
VII	Surrogate Spikes	A	
VIII	Matrix Spike/Matrix Spike Duplicate	N	
IX	Laboratory Control Sample	A	LCS
X	Field Duplicate	N	
XI	Internal standards	A	
XII	Target Analyte Quantitation	A	ND Result < RL > MDL
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB013 13-15	JE14764-6U		Soil	07/08/2025	Category B

Notes:

V3C8459		

Method: Volatiles (EPA SW 846 Method 8260B) 0

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS instrument performance check				
Were the BFB performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓		✓	
Were all percent relative standard deviations (%RSD) ≤ 15% (20%) 15/30% and relative response factors (RRF) ≥ 0.05?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≥ 20% (30%?)	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) ≥ 0.05?	✓			
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the Blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?			✓	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	

Method: Volatiles (EPA SW 846 Method 8260~~B~~) D

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per analytical batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓	✓	
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

TARGET COMPOUND WORKSHEET

METHOD: VOA

A. Chloromethane	AA. Tetrachloroethene	AAA. 1,3,5-Trimethylbenzene	AAAA. Ethyl tert-butyl ether	A1. 1,3-Butadiene	A2. 1,2,4,5-Tetramethylbenzene
B. Bromomethane	BB. 1,1,2,2-Tetrachloroethane	BBB. 4-Chlorotoluene	BBBB. tert-Amyl methyl ether	B1. Hexane	B2. n-Octane
C. Vinyl chloride	CC. Toluene	CCC. tert-Butylbenzene	CCCC. 1-Chlorohexane	C1. Heptane	C2. n-Propyl alcohol
D. Chloroethane	DD. Chlorobenzene	DDD. 1,2,4-Trimethylbenzene	DDDD. Isopropyl alcohol	D1. Propylene	D2. n-Pentane
E. Methylene chloride	EE. Ethylbenzene	EEE. sec-Butylbenzene	EEEE. Acetonitrile	E1. Freon 11	E2. n-Decane
F. Acetone	FF. Styrene	FFF. 1,3-Dichlorobenzene	FFFF. Acrolein	F1. Freon 12	F2. Chlorodifluoromethane
G. Carbon disulfide	GG. Xylenes, total	GGG. p-Isopropyltoluene	GGGG. Acrylonitrile	G1. Freon 113	G2. cis-Decahydronaphthalene
H. 1,1-Dichloroethene	HH. Vinyl acetate	HHH. 1,4-Dichlorobenzene	HHHH. 1,4-Dioxane	H1. Freon 114	H2. trans-Decahydronaphthalene
I. 1,1-Dichloroethane	II. 2-Chloroethylvinyl ether	III. n-Butylbenzene	IIII. Isobutyl alcohol	I1. 2-Nitropropane	I2. n-Nonane
J. 1,2-Dichloroethene, total	JJ. Dichlorodifluoromethane	JJJ. 1,2-Dichlorobenzene	JJJJ. Methacrylonitrile	J1. Dimethyl disulfide	J2. n-Undecane
K. Chloroform	KK. Trichlorofluoromethane	KKK. 1,2,4-Trichlorobenzene	KKKK. Propionitrile	K1. 2,3-Dimethyl pentane	K2. Chloroprene
L. 1,2-Dichloroethane	LL. Methyl-tert-butyl ether	LLL. Hexachlorobutadiene	LLLL. Ethyl ether	L1. 2,4-Dimethyl pentane	L2. n-Butanol
M. 2-Butanone	MM. 1,2-Dibromo-3-chloropropane	MMM. Naphthalene	MMMM. Benzyl chloride	M1. 3,3-Dimethyl pentane	M2. n-Butyl acetate
N. 1,1,1-Trichloroethane	NN. Methyl ethyl ketone	NNN. 1,2,3-Trichlorobenzene	NNNN. Iodomethane	N1. 2-Methylpentane	N2. Nitrobenzene
O. Carbon tetrachloride	OO. 2,2-Dichloropropane	OOO. 1,3,5-Trichlorobenzene	OOOO. 1,1-Difluoroethane	O1. 3-Methylpentane	O2. Methyl bromide
P. Bromodichloromethane	PP. Bromochloromethane	PPP. trans-1,2-Dichloroethene	PPPP. Tetrahydrofuran	P1. 3-Ethylpentane	P2. Methyl chloride
Q. 1,2-Dichloropropane	QQ. 1,1-Dichloropropene	QQQ. cis-1,2-Dichloroethene	QQQQ. Methyl acetate	Q1. 2,2-Dimethylpentane	Q2. Methyl iodide
R. cis-1,3-Dichloropropene	RR. Dibromomethane	RRR. m,p-Xylene	RRRR. Ethyl acetate	R1. 2,2,3- Trimethylbutane	R2. Methylene bromide
S. Trichloroethene	SS. 1,3-Dichloropropane	SSS. o-Xylene	SSSS. Cyclohexane	S1. 2,2,4-Trimethylpentane	S2. 1-Methylnaphthalene
T. Dibromochloromethane	TT. 1,2-Dibromoethane	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	TTTT. Methylcyclohexane	T1. 2-Methylhexane	T2. 3,3-Dimethyl-1-butanol
U. 1,1,2-Trichloroethane	UU. 1,1,1,2-Tetrachloroethane	UUU. 1,2-Dichlorotetrafluoroethane	UUUU. Allyl chloride	U1. Nonanal	U2. Bromoethane
V. Benzene	VV. Isopropylbenzene	VVV. 4-Ethyltoluene	VVVV. Methyl methacrylate	V1. 2-Methylnaphthalene	V2. Hexachloroethane
W. trans-1,3-Dichloropropene	WW. Bromobenzene	WWW. Ethanol	WWWW. Ethyl methacrylate	W1. Methanol	W2. Isobutanol
X. Bromoform	XX. 1,2,3-Trichloropropane	XXX. Di-isopropyl ether	XXXX. cis-1,4-Dichloro-2-butene	X1. 1,2,3-Trimethylbenzene	X2. Cyclohexanone
Y. 4-Methyl-2-pentanone	YY. n-Propylbenzene	YYY. tert-Butanol	YYYY. trans-1,4-Dichloro-2-butene	Y1. 2-Propanol	Y2.
Z. 2-Hexanone	ZZ. 2-Chlorotoluene	ZZZ. tert-Butyl alcohol	ZZZZ. Pentachloroethane	Z1. p-Diethylbenzene	Z2.

LDC #: 61609F

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

RRF = $(A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of Compound
C_x = Concentration of compound
S= Standard deviation of the RRFs

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard
X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF 20 std)	Recalculated RRF (RRF W std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL	6/25/15	DDD	1.649	1.649	1.724	1.724	4.02	4.02

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF std)	Recalculated RRF (RRF std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL								

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF std)	Recalculated RRF (RRF std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL								

LDC # 61609F

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1			DDD	1.724	1.535	1.535	11.0	11.0

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

LDC # 61609F

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: #1

	Surrogate Spiked (ug/L	Surrogate Found (ug/L	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane	50.0	50.60	101	101	0
1,2-Dichloroethane-d4	↓	50.65	101	101	↓
Toluene-d8		51.48	103	103	
4-Bromofluorobenzene		49.37	99	99	

LDC # 61609F

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added

LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: Y3C8459-LC7

Compound	SA (ug/kg)		SSC (ug/kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
~~1,1-Dichloroethene~~ DDD	50	NA	46.1	NA	92	92				
Trichloroethene AAA	↓	↓	45.5	↓	91	91				
Benzene										
Toluene										
~~Chlorobenzene~~										

LDC #: 61609F

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GCMS 8260 D

Results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Final Conc = Conc *Vp*DF / VS

V3C8459-LCS DDD

Where:

Ax = Area or height of the peak for the compound to be measured
DF = Dilution factor
CF = Calibration factor from continuing calibration curve
Vs = Volume of sample extracted in milliters (mL)
Vp = Purge Volume

$$\text{Concentration} = \frac{(533314)(50)}{(335367)(1.724)}$$

Sample #	Analyte	Calculated Concentration (ug/kg)	Reported Concentration (ug/kg)	% Diff
LCS	DDD	46.1	46.1	0

Site:	60 Alexander Street, Yonkers, NY
Laboratory:	SGS North America, Inc., Dayton, NJ
SDG:	JE14894
Reviewer:	Felomina Tanguilig, Josephine Go, and Pei Geng/Laboratory Data Consultants for P.W. Grosser Consulting - Bohemia, NY
Date:	October 10, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
SB023 4-6'	JE14894-9	VOC, SVOC, Pesticide, PCB, PFAS

Associated QC Samples(s):

Field/Trip Blanks: TRIP BLANK
Field Duplicate pair: None Associated

The above-listed soil sample was collected on July 9, 2025 and was analyzed for volatile organic compounds (VOC) by SW-846 method 8260D, semivolatile organic compounds (SVOC) by SW-846 methods 8270E, chlorinated pesticides by SW-846 method 8081B, polychlorinated biphenyls (PCB) by SW-846 method 8082A, and perfluoroalkyl and polyfluoroalkyl substances (PFAS) by method 1633. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for Validating Volatile Organic Compounds By Gas Chromatography/Mass Spectrometry,* SOP HW-24, Revision 4 (October 2014), the USEPA Region 2 *Standard Operating Procedure for Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270E,* SOP HW-22, Revision 5 (December 2010), the USEPA Region 2 *Standard Operating Procedure for Validating Pesticide Compounds, Organochlorine Pesticides by Gas Chromatography SW-846 Method 8081B,* SOP HW-44, Revision 1.1 (December 2010), the USEPA Region 2 *Standard Operating Procedure for Validating PCB Compounds, PCBs by Gas Chromatography SW-846 Method 8082A,* SOP HW-45, Revision 1 (October 2006), the Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) under NYSDEC's Part 375 Remedial Programs (April 2023), and the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review,* EPA 540-R-20-005 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The organic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- GC/Electron Capture Detector (GC/ECD) Instrument Performance Checks
- Liquid Chromatography/Mass Spectrometry (LC/MS) Tunes
- Initial and Continuing Calibrations
- Blank Analysis Results
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Target Analyte Identification

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to sample matrix or laboratory quality control outliers with the exceptions listed below.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

GC/MS Tunes

VOC, SVOC

All criteria were met.

GC/ECD Instrument Performance Checks

Pesticide, PCB

All criteria were met.

LC/MS Instrument Performance Check

PFAS

All criteria were met.

Initial and Continuing Calibrations

VOC

Initial calibration:

For analytes where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 20.0%.
In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
07/15/25	CCV-GCMSGB	Chloromethane	67.6	SB023 4-6'	UJ (all non-detects)
		Vinyl chloride	34.9		UJ (all non-detects)
		1,2-Dichloropropane	26.1		UJ (all non-detects)
		4-Methyl-2-pentanone	46.2		UJ (all non-detects)
		2-Hexanone	35.4		UJ (all non-detects)

All of the continuing calibration relative response factors (RRF) were within validation criteria.

SVOC

Initial calibration:

For analytes where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 20.0%.

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
07/14/25	CCV-GCMSCT	Hexachlorobutadiene	21.8	SB023 4-6'	UJ (all non-detects)
		Hexachlorocyclopentadiene	38.9		UJ (all non-detects)
		2,6-Dinitrotoluene	24.0		UJ (all non-detects)
		2,4-Dinitrophenol	33.9		UJ (all non-detects)
		2,4-Dinitrotoluene	29.8		UJ (all non-detects)
		4,6-Dinitro-2-methylphenol	29.0		UJ (all non-detects)

All of the continuing calibration relative response factors (RRF) were within validation criteria.

Pesticide

Initial calibration:

For analytes where average calibration factors were utilized, percent relative standard deviations (%RSD) were less than or equal to 20.0%.

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 20.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes with the following exceptions:

Date	Standard	Column	Analyte	%D	Associated Samples	Validation Action
07/24/25	1g211500.d	Signal 1	Endosulfan I	68.4	SB023 4-6'	UJ (all non-detects)
			4,4'-DDE	80.6		UJ (all non-detects)
			4,4'-DDT	33.0		UJ (all non-detects)
			Methoxychlor	107.2		UJ (all non-detects)

PCB, PFAS

All criteria were met.

Blanks

VOC

Contamination was not detected in the method blanks.

No positive results were found in the trip blank sample TRIP BLANK for VOC analysis.

SVOC, Pesticide, PCB, PFAS

Contamination was not detected in the method blanks.

A field blank was not associated with this sample set. Validation action was not required on this basis.

Surrogate Recoveries

VOC, SVOC, Pesticide, PCB

All criteria were met.

MS/MSD Results

VOC, PFAS

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

SVOC, Pesticide

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) and relative percent differences (RPD) were not within QC limits. No data were qualified since there were no associated samples in this SDG.

PCB

All criteria were met.

LCS Results

VOC

Laboratory control samples (LCS) were analyzed as required by the method. Percent recoveries (%R) were within QC limits with the following exceptions:

LCS ID (Associated Samples)	Analyte	%R	Limits	Validation Action
VGB662 (SB023 4-6')	trans-1,3-Dichloropropene	81	83-123	UJ (all non-detects)

SVOC, Pesticide, PCB, PFAS

All criteria were met.

Internal Standards

VOC, SVOC, Pesticide, PFAS

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Quantitation Limits and Data Assessment

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL) in the VOC, SVOC, and PFAS analyses. These results were qualified as estimated (J) by the laboratory.

No results were reported below the RL and above the MDL in the pesticide and PCB analyses.

Due to high target analyte levels or difficult sample matrix, select samples were analyzed at dilutions. The following table lists the sample dilutions which were performed and the results reported. RLs were elevated accordingly.

Sample	VOC Analysis Reported
SB023 4-6'	50-fold dilution due to nature of sample matrix

Dilutions were not required for SVOC, pesticide, PCB, and PFAS analyses.

Sample Quantitation and Target Analyte Identification

Calculations were spot-checked; no discrepancies were noted.
Pesticide

The sample results for detected analytes from the two columns were within 40% relative percent difference (RPD) with the following exceptions:

Sample	Analyte	RPD	Validation Action
SB023 4-6'	gamma-Chlordane	44.2	J (all detects)
	4,4'-DDD	50.0	J (all detects)
	Endrin	110.7	J (all detects)

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

JN - The analysis indicates the presence of an analyte that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB023 4-6'		
Lab Sample ID:	JE14894-9	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	90.1
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GB24019.D	1	07/16/25 05:25	JN	n/a	n/a	VGB662
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.6 g	10.0 ml	100 ul
Run #2			

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	1300	520	ug/kg	
71-43-2	Benzene	63.0	63	57	ug/kg	
74-97-5	Bromochloromethane	ND	630	71	ug/kg	
75-27-4	Bromodichloromethane	ND	250	54	ug/kg	
75-25-2	Bromoform	ND	630	170	ug/kg	
74-83-9	Bromomethane	273	630	96	ug/kg	J
78-93-3	2-Butanone (MEK)	ND	1300	310	ug/kg	
75-15-0	Carbon disulfide	ND	250	67	ug/kg	
56-23-5	Carbon tetrachloride	ND	250	78	ug/kg	
108-90-7	Chlorobenzene	ND	250	58	ug/kg	
75-00-3	Chloroethane	ND	630	75	ug/kg	
67-66-3	Chloroform	ND	250	130	ug/kg	
74-87-3	Chloromethane [a]	ND	630	250	ug/kg	
110-82-7	Cyclohexane	ND	250	83	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	88	ug/kg	
124-48-1	Dibromochloromethane	ND	250	71	ug/kg	
106-93-4	1,2-Dibromoethane	ND	130	53	ug/kg	
95-50-1	1,2-Dichlorobenzene	108	130	69	ug/kg	J
541-73-1	1,3-Dichlorobenzene	ND	130	63	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	130	62	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	630	92	ug/kg	
75-34-3	1,1-Dichloroethane	ND	130	62	ug/kg	
107-06-2	1,2-Dichloroethane	ND	130	59	ug/kg	
75-35-4	1,1-Dichloroethene	ND	130	83	ug/kg	
156-59-2	cis-1,2-Dichloroethene	1330	130	110	ug/kg	
156-60-5	trans-1,2-Dichloroethene	137	130	77	ug/kg	
78-87-5	1,2-Dichloropropane [a]	ND	250	60	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	250	60	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	250	58	ug/kg	
100-41-4	Ethylbenzene	ND	130	57	ug/kg	
76-13-1	Freon 113	ND	630	340	ug/kg	
591-78-6	2-Hexanone [a]	ND	630	270	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

Report of Analysis

Client Sample ID:	SB023 4-6'		
Lab Sample ID:	JE14894-9	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	90.1
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND U	250	180	ug/kg	
79-20-9	Methyl Acetate	ND U	630	180	ug/kg	
108-87-2	Methylcyclohexane	161 J	250	110	ug/kg	J
1634-04-4	Methyl Tert Butyl Ether	ND U	130	59	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK [a]	ND U	630	290	ug/kg	
75-09-2	Methylene chloride	695	630	330	ug/kg	
100-42-5	Styrene	ND U	250	51	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND U	250	76	ug/kg	
127-18-4	Tetrachloroethene	18900	250	73	ug/kg	
108-88-3	Toluene	153	130	66	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND U	630	320	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND U	630	320	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND U	250	61	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND U	250	70	ug/kg	
79-01-6	Trichloroethene	14800	130	96	ug/kg	
75-69-4	Trichlorofluoromethane	ND U	630	86	ug/kg	
75-01-4	Vinyl chloride [a]	ND U	250	61	ug/kg	
	m,p-Xylene	147	130	110	ug/kg	
95-47-6	o-Xylene	ND U	130	58	ug/kg	
1330-20-7	Xylene (total)	147	130	58	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		80-124%
17060-07-0	1,2-Dichloroethane-D4	109%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609G
SDG #: JE14894
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1
Reviewer:
2nd Reviewer:

Method: Volatiles (EPA 8260D)
+TIC

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A /A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A /A	%RSD ≤ 20, r² ICV ≤ 30
IV	Continuing Calibration	SW	CCV ≤ 20
V	Laboratory Blanks	A	
VI	Field Blank	ND	TB= TRIP BLANK
VII	Surrogate Spikes	A	
VIII	Matrix Spike/Matrix Spike Duplicate	N	LCS
IX	Laboratory Control Sample	SW	LCS
X	Field Duplicate	N	
XI	Internal standards	A	
XII	Target Analyte Quantitation	A	Result < RL > MDL = J
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB023 4-6' 50X	JE14894-9		Soil	07/09/2025	Category B

Notes:

VQB662		

Method: Volatiles (EPA SW 846 Method 8260B)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS instrument performance check				
Were the BFB performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Were all percent relative standard deviations (%RSD) ≤ 15% (20%) 15/30% and relative response factors (RRF) ≥ 0.05?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≥ 20% (30%)?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) ≥ 0.05?		✓		
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓	✓		
Was there contamination in the laboratory blanks? If yes, please see the Blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?	✓		✓	
Were target analytes detected in the field blanks?				
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?			✓	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	

Method: Volatiles (EPA SW 846 Method 8260B)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per analytical batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		✓		
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

TARGET COMPOUND WORKSHEET

METHOD: VOA

A. Chloromethane	AA. Tetrachloroethene	AAA. 1,3,5-Trimethylbenzene	AAAA. Ethyl tert-butyl ether	A1. 1,3-Butadiene	A2. 1,2,4,5-Tetramethylbenzene
B. Bromomethane	BB. 1,1,2,2-Tetrachloroethane	BBB. 4-Chlorotoluene	BBBB. tert-Amyl methyl ether	B1. Hexane	B2. n-Octane
C. Vinyl chloride	CC. Toluene	CCC. tert-Butylbenzene	CCCC. 1-Chlorohexane	C1. Heptane	C2. n-Propyl alcohol
D. Chloroethane	DD. Chlorobenzene	DDD. 1,2,4-Trimethylbenzene	DDDD. Isopropyl alcohol	D1. Propylene	D2. n-Pentane
E. Methylene chloride	EE. Ethylbenzene	EEE. sec-Butylbenzene	EEEE. Acetonitrile	E1. Freon 11	E2. n-Decane
F. Acetone	FF. Styrene	FFF. 1,3-Dichlorobenzene	FFFF. Acrolein	F1. Freon 12	F2. Chlorodifluoromethane
G. Carbon disulfide	GG. Xylenes, total	GGG. p-Isopropyltoluene	GGGG. Acrylonitrile	G1. Freon 113	G2. cis-Decahydronaphthalene
H. 1,1-Dichloroethene	HH. Vinyl acetate	HHH. 1,4-Dichlorobenzene	HHHH. 1,4-Dioxane	H1. Freon 114	H2. trans-Decahydronaphthalene
I. 1,1-Dichloroethane	II. 2-Chloroethylvinyl ether	III. n-Butylbenzene	IIII. Isobutyl alcohol	I1. 2-Nitropropane	I2. n-Nonane
J. 1,2-Dichloroethene, total	JJ. Dichlorodifluoromethane	JJJ. 1,2-Dichlorobenzene	JJJJ. Methacrylonitrile	J1. Dimethyl disulfide	J2. n-Undecane
K. Chloroform	KK. Trichlorofluoromethane	KKK. 1,2,4-Trichlorobenzene	KKKK. Propionitrile	K1. 2,3-Dimethyl pentane	K2. Chloroprene
L. 1,2-Dichloroethane	LL. Methyl-tert-butyl ether	LLL. Hexachlorobutadiene	LLLL. Ethyl ether	L1. 2,4-Dimethyl pentane	L2. n-Butanol
M. 2-Butanone	MM. 1,2-Dibromo-3-chloropropane	MMM. Naphthalene	MMMM. Benzyl chloride	M1. 3,3-Dimethyl pentane	M2. n-Butyl acetate
N. 1,1,1-Trichloroethane	NN. Methyl ethyl ketone	NNN. 1,2,3-Trichlorobenzene	NNNN. Iodomethane	N1. 2-Methylpentane	N2. Nitrobenzene
O. Carbon tetrachloride	OO. 2,2-Dichloropropane	OOO. 1,3,5-Trichlorobenzene	OOOO. 1,1-Difluoroethane	O1. 3-Methylpentane	O2. Methyl bromide
P. Bromodichloromethane	PP. Bromochloromethane	PPP. trans-1,2-Dichloroethene	PPPP. Tetrahydrofuran	P1. 3-Ethylpentane	P2. Methyl chloride
Q. 1,2-Dichloropropane	QQ. 1,1-Dichloropropene	QQQ. cis-1,2-Dichloroethene	QQQQ. Methyl acetate	Q1. 2,2-Dimethylpentane	Q2. Methyl iodide
R. cis-1,3-Dichloropropene	RR. Dibromomethane	RRR. m,p-Xylene	RRRR. Ethyl acetate	R1. 2,2,3- Trimethylbutane	R2. Methylene bromide
S. Trichloroethene	SS. 1,3-Dichloropropane	SSS. o-Xylene	SSSS. Cyclohexane	S1. 2,2,4-Trimethylpentane	S2. 1-Methylnaphthalene
T. Dibromochloromethane	TT. 1,2-Dibromoethane	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	TTTT. Methylcyclohexane	T1. 2-Methylhexane	T2. 3,3-Dimethyl-1-butanol
U. 1,1,2-Trichloroethane	UU. 1,1,1,2-Tetrachloroethane	UUU. 1,2-Dichlorotetrafluoroethane	UUUU. Allyl chloride	U1. Nonanal	U2. Bromoethane
V. Benzene	VV. Isopropylbenzene	VVV. 4-Ethyltoluene	VVVV. Methyl methacrylate	V1. 2-Methylnaphthalene	V2. Hexachloroethane
W. trans-1,3-Dichloropropene	WW. Bromobenzene	WWW. Ethanol	WWWW. Ethyl methacrylate	W1. Methanol	W2. Isobutanol
X. Bromoform	XX. 1,2,3-Trichloropropane	XXX. Di-isopropyl ether	XXXX. cis-1,4-Dichloro-2-butene	X1. 1,2,3-Trimethylbenzene	X2. Cyclohexanone
Y. 4-Methyl-2-pentanone	YY. n-Propylbenzene	YYY. tert-Butanol	YYYY. trans-1,4-Dichloro-2-butene	Y1. 2-Propanol	Y2.
Z. 2-Hexanone	ZZ. 2-Chlorotoluene	ZZZ. tert-Butyl alcohol	ZZZZ. Pentachloroethane	Z1. p-Diethylbenzene	Z2.

LDC #: 61609G

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: PY

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)
Continuing calibration standards were analyzed at the required frequencies.
The retention times for all calibrated compounds were within their respective acceptance windows.
All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Compound	%D (Limit ≤20%)	RRF (Limits)	Associated samples	Qualifications
	7/15/25 1101	CCV-GCMSGB	A	67.6		All	J/UJ/A ND
			C	34.9			
			Q	26.1			
			Y	46.2			
			Z	35.4			

	DOD	NFG
%D	20%/50%	20%

RRF: 0.001 - poor performers 0.005 - 1,4-Dioxane 0.05 - all other analytes

LDC #: 61609G

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Reviewer: FT

METHOD: GC/MS VOA (EPA SW 846 Method 8260D)

Laboratory control samples (LCS) and laboratory control samples duplicates (LCSD) were analyzed as required by the method.
Percent recoveries (%R) and Relative percent differences (RPD) were within QC limits with the exceptions identified below.

LCS/LCSD	Analyte	LCS %R	LCSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
VGBC662-LCS	W	81		83-123			All	J/UJ/P ND

LDC #:61609A

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: ____FT____

METHOD: GCMS 8260D

The calibration factors (RRFF), average RRFF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

RRF = (Ax)(Cis)/(Ais)(Cx)
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

Where:
Ax = Area of compound
Cx = Concentration of compound
S = Standard deviation of the RRFs
X = Mean of the RRFs
Ais = Area of associated internal standard
Cis = Concentration of internal Standard

#	Standard ID	Calibration Date	Compound	Reported (RRF 20 ppb std)	Recalculated (RRF 20 ppb std)	Reported AverageRRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
	ICAL GCMSGB	6/3/2025	QQQ	0.362	0.362	0.376	0.376	4.67	4.67
			V	0.848	0.848	0.833	0.833	6.70	6.70
			CC	0.647	0.647	0.642	0.642	4.46	4.46
			BB	0.764	0.764	0.780	0.780	6.10	6.10

LDC # 61609G

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: FT

METHOD: GC/MS VOA (EPA SW 846 Method 8260)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	cc V GCMS QB	7/15/25 1101	QQQ	0376	0.376	0.376	0	0
			V	0833	0.898	0.898	7.8	7.8
			cc	0.642	0.591	0.591	7.9	7.9
			BB	0.78	0.914	0.914	17.2	17.2

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

LDC # 61609G

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: #1

	Surrogate Spiked (ug/L	Surrogate Found (ug/L	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane	50.0	52.85	106	106	0
1,2-Dichloroethane-d4		54.54	109	109	
Toluene-d8	↓	50.81	102	102	↓
4-Bromofluorobenzene		48.32	97	97	

LDC # 61609G

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added

LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: YGB662 - LCS

Compound	SA (ug/kg)		SSC (ug/kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1,1-Dichloroethene	250U	NA	251U	NA	100	100				
Trichloroethene	↓		274U		110	110				
Benzene			266U		106	106				
Toluene			226U		90	90				
Chlorobenzene			254U		102	102	NA			

LDC #: 61609G

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GCMS 8260

Results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Final Conc = $\frac{\text{Conc} * Vp * DF}{VS}$

#1 QQQ

Concentration = $\frac{(18395)(50.0)(10.4554)(5)}{(231277)(4.6)(0.1)(0.376)(0.901)}$

1334 ug/kg

Where:

Ax = Area or height of the peak for the compound to be measured
DF = Dilution factor
CF = Calibration factor from continuing calibration curve
Vs = Volume of sample extracted in milliters (mL)
Vp = Purge Volume

%S = 90.1

10.0mL / 4.6g 100ul

Sample #	Analyte	Calculated Concentration (ug/kg)	Reported Concentration (ug/kg)	% Diff
#1	QQQ	1334 ≈ 1330	1330	0
		Total vol = 10 + 0.4554		

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB023 4-6'		
Lab Sample ID:	JE14894-9	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	90.1
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT12814.D	1	07/14/25 19:22	AO	07/11/25 21:35	OP65288	ECT573
Run #2							

	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND U	72	18	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	180	22	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	180	31	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	180	64	ug/kg	
51-28-5	2,4-Dinitrophenol [a]	ND UJ	180	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol [a]	ND UJ	180	39	ug/kg	
95-48-7	2-Methylphenol	ND U	72	23	ug/kg	
	3&4-Methylphenol	ND	72	30	ug/kg	
88-75-5	2-Nitrophenol	ND	180	24	ug/kg	
100-02-7	4-Nitrophenol	ND	360	96	ug/kg	
87-86-5	Pentachlorophenol	ND	140	34	ug/kg	
108-95-2	Phenol	ND	72	19	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	24	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	180	27	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	180	21	ug/kg	
83-32-9	Acenaphthene	52.0	36	12	ug/kg	
208-96-8	Acenaphthylene	1020	36	18	ug/kg	
98-86-2	Acetophenone	ND U	180	7.7	ug/kg	
120-12-7	Anthracene	794	36	22	ug/kg	
1912-24-9	Atrazine	ND U	72	15	ug/kg	
56-55-3	Benzo(a)anthracene	1760	36	10	ug/kg	
50-32-8	Benzo(a)pyrene	1700	36	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	1660	36	16	ug/kg	
191-24-2	Benzo(g,h,i)perylene	1270	36	18	ug/kg	
207-08-9	Benzo(k)fluoranthene	535	36	17	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND U	72	14	ug/kg	
85-68-7	Butyl benzyl phthalate	ND U	72	8.8	ug/kg	
92-52-4	1,1'-Biphenyl	32.4 J	72	4.9	ug/kg	J
100-52-7	Benzaldehyde	ND U	180	8.9	ug/kg	
91-58-7	2-Chloronaphthalene	ND	72	8.6	ug/kg	
106-47-8	4-Chloroaniline	ND	180	13	ug/kg	
86-74-8	Carbazole	42.8 J	72	5.2	ug/kg	J

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

Report of Analysis

Client Sample ID:	SB023 4-6'		
Lab Sample ID:	JE14894-9	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	90.1
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND U	72	14	ug/kg	
218-01-9	Chrysene	1660	36	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND U	72	7.7	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND U	72	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND U	72	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND U	72	12	ug/kg	
121-14-2	2,4-Dinitrotoluene [a]	ND U,J	36	11	ug/kg	
606-20-2	2,6-Dinitrotoluene [a]	ND U,J	36	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND U	72	30	ug/kg	
123-91-1	1,4-Dioxane	ND U	36	24	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	317	36	16	ug/kg	
132-64-9	Dibenzofuran	40.4 J	72	15	ug/kg	J
84-74-2	Di-n-butyl phthalate	18.5 J	72	5.9	ug/kg	J
117-84-0	Di-n-octyl phthalate	ND U	72	9.0	ug/kg	
84-66-2	Diethyl phthalate	ND U	72	7.7	ug/kg	
131-11-3	Dimethyl phthalate	ND U	72	6.4	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND U	72	8.4	ug/kg	
206-44-0	Fluoranthene	2590	36	16	ug/kg	
86-73-7	Fluorene	136	36	17	ug/kg	
118-74-1	Hexachlorobenzene	ND U	72	9.1	ug/kg	
87-68-3	Hexachlorobutadiene [a]	ND U,J	36	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene [b]	ND U,J	360	14	ug/kg	
67-72-1	Hexachloroethane	ND U	180	18	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	822	36	17	ug/kg	
78-59-1	Isophorone	ND U	72	7.7	ug/kg	
91-57-6	2-Methylnaphthalene	190	36	8.1	ug/kg	
88-74-4	2-Nitroaniline	ND U	180	8.5	ug/kg	
99-09-2	3-Nitroaniline	ND U	180	9.0	ug/kg	
100-01-6	4-Nitroaniline	ND U	180	9.3	ug/kg	
91-20-3	Naphthalene	190	36	10	ug/kg	
98-95-3	Nitrobenzene	ND U	72	14	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND U	72	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND U	180	13	ug/kg	
85-01-8	Phenanthrene	943	36	12	ug/kg	
129-00-0	Pyrene	3480	36	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND U	180	9.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	41%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609G
SDG #: JE14894
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1
Reviewer: CF
2nd Reviewer: V

Method: Semivolatiles (EPA 8270E)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/SW	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/SW	%RSD ≤ 20, r² ICV ≤ 30 CCV ≤ 20
IV	Continuing Calibration	SW	
V	Laboratory Blanks	A	
VI	Field Blank	N	
VII	Surrogate Spikes	A	
VIII	Matrix Spike/Matrix Spike Duplicate	SW	MS JE14894-2 (%R, RPD No Associated sample) LCS
IX	Laboratory Control Sample	A	
X	Field Duplicate	N	
XI	Internal standards	A	
XII	Target Analyte Quantitation	A	Results < RL > MDL but
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB023 4-6'	JE14894-9		Soil	07/09/2025	Category B

Notes:

OP65288		

LDC #: 61609G

VALIDATION FINDINGS CHECKLIST

Reviewer: FT

Method: Semivolatiles (EPA SW 846 Method 8270 E)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS Instrument performance check				
Were the DFTPP performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
IIIa. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% 15/30% and relative response factors (RRF) within method criteria?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
IIIb. Initial Calibration Verification				
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If 2 or more base neutral or acid surrogates were outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recoveries (%R) was less than 10%, was a reanalysis performed to confirm %R ?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			

Validation Area	Yes	No	NA	Findings/Comments
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?		✓		
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were compound quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

TARGET ANALYTE LIST

METHOD: GC/MS SVOC

A. Phenol	GG. Acenaphthene	MMM. Bis(2-Chloroisopropyl)ether	SSSS. 2/3-Dimethyldibenzothiophene	Y1. 3,3'-Dimethylbenzidine
B. Bis (2-chloroethyl) ether	HH. 2,4-Dinitrophenol	NNN. Aniline	TTTT. 1-Methyldibenzothiophene	Z1. o-Toluidine
C. 2-Chlorophenol	II. 4-Nitrophenol	OOO. N-Nitrosodimethylamine	UUUU.. 2,3,4,6-Tetrachlorophenol	A2. Benzo(j)fluoranthene
D. 1,3-Dichlorobenzene	JJ. Dibenzofuran	PPP. Benzoic Acid	VVVV. 1,2,4,5-Tetrachlorobenzene	B2. Benzofluoranthenes, total
E. 1,4-Dichlorobenzene	KK. 2,4-Dinitrotoluene	QQQ. Benzyl alcohol	WWWW.. 2-Picoline	C2. trans-Decalin
F. 1,2-Dichlorobenzene	LL. Diethylphthalate	RRR. Pyridine	XXXX. 3-Methylcholanthrene	D2. cis-Decalin
G. 2-Methylphenol	MM. 4-Chlorophenyl-phenyl ether	SSS. Benzidine	YYYY. a,a-Dimethylphenethylamine	E2. Dibenzo(a)anthracenes
H. 2,2'-Oxybis(1-chloropropane)	NN. Fluorene	TTT. 1-Methylnaphthalene	ZZZZ. Hexachloropropene	F2. Benzo(j)+(k)fluoranthene
I. 4-Methylphenol	OO. 4-Nitroaniline	UUU.Benzo(b)thiophene	A1. N-Nitrosodiethylamine	G2.
J. N-Nitroso-di-n-propylamine	PP. 4,6-Dinitro-2-methylphenol	VVV.Benzonaphthothiophene	B1. N-Nitrosodi-n-butylamine	H2.
K. Hexachloroethane	QQ. N-Nitrosodiphenylamine	WWW.Benzo(e)pyrene	C1. N-Nitrosomethylethylamine	I2.
L. Nitrobenzene	RR. 4-Bromophenyl-phenylether	XXX. 2,6-Dimethylnaphthalene	D1. N-Nitrosomorpholine	J2.
M. Isophorone	SS. Hexachlorobenzene	YYY. 2,3,5-Trimethylnaphthalene	E1. N-Nitrosopyrrolidine	K2.
N. 2-Nitrophenol	TT. Pentachlorophenol	ZZZ. Perylene	F1. Phenacetin	L2.
O. 2,4-Dimethylphenol	UU. Phenanthrene	AAAA. Dibenzothiophene	G1. 2-Acetylaminofluorene	M2.
P. Bis(2-chloroethoxy)methane	VV. Anthracene	BBBB. Benzo(a)fluoranthene	H1. Pronamide	N2.
Q. 2,4-Dichlorophenol	WW. Carbazole	CCCC. Benzo(b)fluorene	I1. Methyl methanesulfonate	O2.
R. 1,2,4-Trichlorobenzene	XX. Di-n-butylphthalate	DDDD. cis/trans-Decalin	J1. Ethyl methanesulfonate	P2.
S. Naphthalene	YY. Fluoranthene	EEEE. Biphenyl	K1. o,o',o''-Triethylphosphorothioate	Q2.
T. 4-Chloroaniline	ZZ. Pyrene	FFFF. Retene	L1. n-Phenylene diamine	R2.
U. Hexachlorobutadiene	AAA. Butylbenzylphthalate	GGGG. C30-Hopane	M1. 1,4-Naphthoquinone	S2.
V. 4-Chloro-3-methylphenol	BBB. 3,3'-Dichlorobenzidine	HHHH. 1-Methylphenanthrene	N1. N-Nitro-o-toluidine	T2.
W. 2-Methylnaphthalene	CCC. Benzo(a)anthracene	IIII. 1,4-Dioxane	O1. 1,3,5-Trinitrobenzene	U2.
X. Hexachlorocyclopentadiene	DDD. Chrysene	JJJJ. Acetophenone	P1. Pentachlorobenzene	V2..
Y. 2,4,6-Trichlorophenol	EEE. Bis(2-ethylhexyl)phthalate	KKKK. Atrazine	Q1. 4-Aminobiphenyl	W2
Z. 2,4,5-Trichlorophenol	FFF. Di-n-octylphthalate	LLLL. Benzaldehyde	R1. 2-Naphthylamine	X2..
AA. 2-Chloronaphthalene	GGG. Benzo(b)fluoranthene	MMMM. Caprolactam	S1. Triphenylene	Y2.
BB. 2-Nitroaniline	HHH. Benzo(k)fluoranthene	NNNN. 2,6-Dichlorophenol	T1. Octachlorostyrene	Z2.
CC. Dimethylphthalate	III. Benzo(a)pyrene	OOOO. 1,2-Diphenylhydrazine	U1. Famphur	
DD. Acenaphthylene	JJJ. Indeno(1,2,3-cd)pyrene	PPPP. 3-Methylphenol	V1. 1,4-phenylenediamine	
EE. 2,6-Dinitrotoluene	KKK. Dibenz(a,h)anthracene	QQQQ. 3&4-Methylphenol	W1. Methapyrilene	
FF. 3-Nitroaniline	LLL. Benzo(g,h,i)perylene	RRRR. 4-Dimethyldibenzothiophene	X1. Pentachloroethane	

LDC #: _61609G

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: ____FT_____

METHOD: GC/MS BNA (EPA SW 846 Method 8270 E)

Continuing calibration standards were analyzed at the required frequencies.

The retention times for all calibrated compounds were within their respective acceptance windows.

All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Compound	%D (Limit ≤_____%)	RRF (Limits)	Associated samples	Qualifications
✓	7/14/25 1105	CCV-GCMSCT	U	21.8		All	J/UJ/A ND
✓			X	38.9		↓	↓
✓			EE	24.0			
✓			HH	33.9			
✓			KK	29.8			
✓			PP	29.0		↓	↓

	DOD	NFG	
%D	20%/50%	Method criteria	RRF: 0.05

LDC #: 61609G

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: FT

METHOD: GCMS 8270E

The calibration factors (RRFF), average RRFF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

RRF = (Ax)(Cis)/(Ais)(Cx)
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

Where:

Ax = Area of compound
Cx = Concentration of compound
S = Standard deviation of the RRFs
X = Mean of the RRFs
Ais = Area of associated internal standard
Cis = Concentration of internal Standard

#	Standard ID	Calibration Date	Compound	Reported (RRF 80ppm std)	Recalculated (RRF 80ppm std)	Reported AverageRRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
	ICAL GCMSCT	6/12/2025	A	1.814	1.814	1.833	1.833	4.53	4.53
			S	1.040	1.040	1.070	1.070	6.09	6.09
			GG	1.256	1.256	1.267	1.267	3.33	3.33
			UU	1.127	1.127	1.158	1.158	4.62	4.62
			DDD	1.234	1.234	1.227	1.227	4.72	4.72
			LLL	1.081	1.081	1.042	1.042	3.00	3.00

LDC # 61609G

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: FT

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 E)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal stanc
Cis = Concentration of internal standa

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	CCV	7/14/16 1105	A	1.833	1.746	1.746	4.7	4.7
			S	1.070	1.052	1.052	1.7	1.7
			GG	1.267	1.277	1.277	0.8	0.8
			HH	1.158	1.129	1.129	2.5	2.5
			DD	1.227	1.205	1.205	1.8	1.8
			LL	1.042	1.059	1.059	1.6	1.6

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

LDC # 61609 G

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 E)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: #1

Surrogate	Surrogate Spiked (ppm)	Surrogate Found (ppm	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Nitrobenzene-d5	50.0	21.19	42	42	0
2-Fluorobiphenyl		28.70	57	57	
Terphenyl-d14		25.41	51	51	
Phenol-d5		19.89	40	40	
2-Fluorophenol		20.63	41	41	
2,4,6-Tribromophenol		30.85	62	62	

LDC # 61609G

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 C)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS ID: 6P65288 LCS

Compound	SA (ug/kg)		SSC (ug/kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Phenol	1670	NA	1000	NA	60	60				
N-Nitroso-di-n-propylamine	↓		842		51	51				
4-Chloro-3-methylphenol			1290		77	77				
Acenaphthene			1240		74	74				
Pentachlorophenol	3330		2960		89	89				
Pyrene	1670		1320		79	79	NA			

LDC #: 61609G

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GCMS 8270 E

Results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

#1 GG = 52.0

Final Conc = Conc *Vp*DF / VS

Where:
- Ax = Area or height of the peak for the compound to be measured
- DF = Dilution factor
- CF = Calibration factor from continuing calibration curve
- Vs = Volume of sample extracted in milliliters (mL)
- Vp = Purge Volume

$$\text{Concentration} = \frac{(9213)(40)(1)(1000)}{(201523)(1.267)(30.8)(0.901)}$$

$$= 52.01 \text{ ug/kg}$$

%S = 90.1 1/30.8 CT 12814

Sample #	Analyte	Calculated Concentration (ug/Kg	Reported Concentration (ug/Kg	% Diff
#1	GG	52.01	52.0	

Raw Data: 1G211512.D

SGS North America Inc.

Report of Analysis

4.13 4

Client Sample ID:	SB023 4-6'		
Lab Sample ID:	JE14894-9	Date Sampled:	07/09/25
Matrix:	SO - Soil	Date Received:	07/09/25
Method:	SW846 8081B SW846 3546	Percent Solids:	90.1
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G211512.D	1	07/24/25 14:23	AS	07/14/25 11:20	OP65291	G1G7646
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.74	0.61	ug/kg	
319-84-6	alpha-BHC	ND	0.74	0.60	ug/kg	
319-85-7	beta-BHC	ND	0.74	0.67	ug/kg	
319-86-8	delta-BHC	ND	0.74	0.71	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.74	0.55	ug/kg	
5103-71-9	alpha-Chlordane	16.7	0.74	0.60	ug/kg	
5103-74-2	gamma-Chlordane [a]	6.7	0.74	0.34	ug/kg	
60-57-1	Dieldrin	ND	0.74	0.51	ug/kg	
72-54-8	4,4'-DDD [b]	14.0	0.74	0.68	ug/kg	
72-55-9	4,4'-DDE	ND	0.74	0.65	ug/kg	
50-29-3	4,4'-DDT	ND	0.74	0.66	ug/kg	
72-20-8	Endrin [a]	8.1	0.74	0.57	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.74	0.58	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.74	0.42	ug/kg	
959-98-8	Endosulfan-I	ND	0.74	0.43	ug/kg	
33213-65-9	Endosulfan-II	ND	0.74	0.46	ug/kg	
76-44-8	Heptachlor	ND	0.74	0.64	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.74	0.52	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.59	ug/kg	
53494-70-5	Endrin ketone	ND	0.74	0.53	ug/kg	
8001-35-2	Toxaphene	ND	18	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	91%		13-162%
877-09-8	Tetrachloro-m-xylene	128%		13-162%
2051-24-3	Decachlorobiphenyl	119%		10-180%
2051-24-3	Decachlorobiphenyl	131%		10-180%

(a) More than 40 % RPD for detected concentrations between the two GC columns.
(b) Reported from the 2nd signal. The %D of the CCV on the 1st signal exceeds the method criteria of 20%, so it being used for confirmation only. More than 40 % RPD for detected concentrations between the two GC columns.

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609G
SDG #: JE14894
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1 of 1
Reviewer: JVG
2nd Reviewer:

Method: Organochlorine Pesticides (EPA 8081B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	GC/ECD Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	RSD ≤ 20% ICV ≤ 20%
IV	Continuing Calibration	SW	CCV ≤ 20%
V	Laboratory Blanks	A	
VI	Field Blank	N	
VII	Surrogate Spikes /1S	A/A	
VIII	Matrix Spike/Matrix Spike Duplicate	SW	JE14894-1 2R, RPD out - NQ (no WS)
IX	Laboratory Control Sample	A	LCS (no associated samples)
X	Field Duplicate	N	
XI	Target Analyte Quantitation	SW	no results < RL
XII	Target Analyte Identification	A	
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB023 4-6'	JE14894-9		Soil	07/09/2025	Category B

Notes:

OP65291 - MB1		

Method: Pesticides (EPA SW 846 Method 8081B)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Were cooler temperature criteria met?	✓			
II. GC/ECD instrument performance check				
Was the instrument performance found to be acceptable?	✓			
Were Evaluation mix standards analyzed prior to the initial calibration and at beginning of each 12-hour shift?	✓			
Were endrin and 4,4'-DDT breakdowns ≤ 15% for individual breakdown in the Evaluation mix standards?	✓			
III. Initial calibration and initial calibration verification				
Did the laboratory perform a 5-point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20%?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?			✓	
Were the RT windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
IV. Continuing calibration				
Was a continuing calibration analyzed daily?	✓			
Were all percent differences (%D) ≤ 20%?		✓		
Were all the retention times within the acceptance windows?	✓			
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field blanks				
Were field blanks identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes/Internal standards				
Were all surrogate percent recovery (%R) within the QC limits?	✓			
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recovery (%R) was less than 10 percent, was a reanalysis performed to confirm %R?			✓	
Were internal standard area counts within ± 50% of the average area calculated during calibration?	✓			
VIII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?		✓		

Method: Pesticides (EPA SW 846 Method 8081B)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?	✓			
Were target analytes detected in the field duplicates?		✓		
XI. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?			✓	
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions, dry weight factors, and clean-up activities applicable to level IV validation?	✓			
Were relative percent difference (RPD) of the results between two columns ≤ 40%?		✓		
XII. Target analyte identification				
Were the retention times of reported detects within the RT windows?	✓			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC#: 61609G

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: JVG

Method: GC Pesticides (EPA SW 846 Method 8081B)
Continuing calibration standards were analyzed at the required frequencies.
The retention times for all calibrated compounds were within their respective acceptance windows.
All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Column/Detector	Analyte	%D (Limit ≤20%)	Associated samples	Qualifications
	7/24/2025	1g211500.d	Signal 1	Endosulfan I	68.4	All (ND)	J/UJ/A
				4,4'-DDE	80.6	↓	↓
				4,4'-DDT	33.0	↓	↓
				Methoxychlor	107.2	↓	↓
		(Note: 4,4'-DDD Reported from Signal 2)					

LDC#: 61609G

VALIDATION FINDINGS WORKSHEET
Target Analyte Quantitation and Reported RLs

Reviewer: JVG

Method: GC Pesticides (EPA SW 846 Method 8081B)

RLs /LOQs were adjusted for sample dilutions and dry weight.
The reported results for detected target analytes agree within 10.0% of the recalculated results.
The relative percent difference (RPD) of detected analytes between two columns/detectors were <40% except those identified below.

#	Sample ID	Analyte	%RPD Between Two Columns/Detectors	Qualifications
	1	gamma-Chlordane	44.2	J det/A
		4,4'-DDD	50.0	
		Endrin	110.7	

Comments:

LDC#: 61609G

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

Where
A_x = Area of Compound
C_x = Concentration of compound,
S= Standard deviation of the RRFs,

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard
X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound	Reported RRF (50 std)	Recalculated RRF (50 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL GC1G	5/1/2025	g-BHC (CLP1)	1.373	1.373	1.320	1.320	6.11	6.10
			DDD (CLP1)	0.827	0.827	0.816	0.816	5.13	5.13
			g-BHC (CLP2)	1.394	1.394	1.315	1.315	5.96	5.96
			DDD (CLP2)	0.891	0.891	0.853	0.853	4.98	4.97

LDC#: 61609G

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound,
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound	Average RRF	Reported RRF	Recalculated RRF	Reported % D	Recalculated %D
1	8G40138 GC1G	8/6/2025	g-BHC (CLP1)	1.320	1.189	1.189	9.9	9.9
			DDD (CLP1)	0.816	0.627	0.627	23.2	23.2
			g-BHC (CLP2)	1.315	1.385	1.385	5.3	5.3
			DDD (CLP2)	0.853	0.730	0.730	14.3	14.4

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

%Recovery: SURRF/SURRS * 100

Where: SURRF = Surrogate Found
SURRS = Surrogate Spiked

Sample ID: 1

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Tetrachloro-m- xylene	RTX-CLP1	40.00	36.522	91	91	0
Tetrachloro-m- xylene	RTX-CLP2	40.00	51.366	128	128	0
Decachlorobiphenyl	RTX-CLP1	40.00	47.470	119	119	0
Decachlorobiphenyl	RTX-CLP2	40.00	52.258	131	131	0

LDC# 61609G

VALIDATION FINDINGS WORKSHEET
MS/MSD Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked concentration
SA = Spike added
SC = Sample concentration

RPD = | MS - MSD | * 2/(MS + MSD)

MS = Matrix spike recovery

MSD = Matrix spike duplicate recovery

MS/MSD ID: JE14894-1

Compound	SA (ug/Kg)		SC (ug/Kg)	SSC (ug/Kg)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
g-BHC	18.1	18.4	0	9.5	8.1	53	52	44	44	22	16
4,4'-DDD	18.1	18.4	0	9.4	7.7	52	52	42	42	12	20

LDC# 61609G

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added

LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: _OP65291-BS1__

Compound	SA (ug/Kg)		SSC (ug/Kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
g-BHC	16.7	NA	8.8	NA	53	53				
DDT	16.7	NA	9.0	NA	54	54				

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Analyte results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Ve)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Ci = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Ve = Volume extract
Vo = Volume or weight of sample
%S = % Solids

Sample ID	Compound	Ax	Ais	Cis	RRF	Ve (ml)	Vi (g)	DF	% S/100	Calculated conc (ug/Kg)	Reported conc (ug/Kg)	% Diff
1	DDD	149700000	462300000	50.000	0.8530	10.00	15.00	1.00	0.901	14.04	14.00	0
	CLP2											

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB023 4-6'		
Lab Sample ID:	JE14894-9	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8082A SW846 3546	**Percent Solids:**	90.1
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G150019.D	1	07/16/25 08:49	CP	07/14/25 11:20	OP65292	G3G5504
Run #2							

	Initial Weight	Final Volume
Run #1	15.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	37	17	ug/kg	
11104-28-2	Aroclor 1221	ND	37	23	ug/kg	
11141-16-5	Aroclor 1232	ND	37	24	ug/kg	
53469-21-9	Aroclor 1242	ND	37	15	ug/kg	
12672-29-6	Aroclor 1248	ND	37	33	ug/kg	
11097-69-1	Aroclor 1254	ND	37	20	ug/kg	
11096-82-5	Aroclor 1260	111	37	16	ug/kg	
11100-14-4	Aroclor 1268	ND	37	32	ug/kg	
37324-23-5	Aroclor 1262	ND	37	24	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	62%		10-174%
877-09-8	Tetrachloro-m-xylene	74%		10-174%
2051-24-3	Decachlorobiphenyl	73%		10-195%
2051-24-3	Decachlorobiphenyl	84%		10-195%

PG

OCT 15 2025

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609G
SDG #: JE14894
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1 of 1
Reviewer: JRG
2nd Reviewer: CW

Method: PCBs (EPA 8082A)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	Initial Calibration/ ICV	A/A	RSD ≤ 20% ICV ≤ 20%
III	Continuing Calibration	A	CCV ≤ 20%
IV	Laboratory Blanks	A	
V	Field Blank	N	
VI	Surrogate Spikes	A	
VII	Matrix Spike/Matrix Spike Duplicate	A	JE14894-2
VIII	Laboratory Control Sample	A	LCS
IX	Field Duplicate	N	
X	Target Analyte Quantitation	A	no results < RL
XI	Target Analyte Identification	A	
XII	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB023 4-6'	JE14894-9		Soil	07/09/2025	Category B

Notes:

+ OP65292-MB		

(Results reported from CLP 1)

Method: PCB (EPA SW 846 Method 8082A)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Were cooler temperature criteria met?	✓			
II. GC/ECD instrument performance check				
Was the instrument performance found to be acceptable?			✓	
Were Evaluation mix standards analyzed prior to the initial calibration and at beginning of each 12-hour shift?			✓	
Were endrin and 4,4'-DDT breakdowns ≤ 15% for individual breakdown in the Evaluation mix standards?			✓	
III. Initial calibration and initial calibration verification				
Did the laboratory perform a 5-point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20%?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?			✓	
Were the RT windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
IV. Continuing calibration				
Was a continuing calibration analyzed daily?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
Were all the retention times within the acceptance windows?	✓			
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field blanks				
Were field blanks identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes/Internal standards				
Were all surrogate percent recovery (%R) within the QC limits?	✓			
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recovery (%R) was less than 10 percent, was a reanalysis performed to confirm %R?			✓	
Were internal standard area counts within ± 50% of the average area calculated during calibration?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	✓			

Method: PCB (EPA SW 846 Method 8082A)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?			✓	
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions, dry weight factors, and clean-up activities applicable to level IV validation?	✓			
Were relative percent difference (RPD) of the results between two columns ≤ 40%?	✓			
XII. Target analyte identification				
Were the retention times of reported detects within the RT windows?	✓			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61609G

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

METHOD: GC PCBs (EPA SW 846 Method 8082A)

The calibration factors (CF), average CF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

CF = A/C
average CF = sum of the CF/number of standards
%RSD = 100 * (S/X)

Where:
A = Area of compound
C = Concentration of compound
S = Standard deviation of calibration factors
X = Mean of calibration factors

#	Standard ID	Calibration Date	Compound	Reported CF (1000 std)	Recalculated CF (1000 std)	Reported Average CF (Initial)	Recalculated Average CF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL	6/19/2025	1260-1 (ZB-CLP1)	1178000	1178400	1164000	1163833	7.09	7.09
	GC3G		1260-1 (ZB-CLP2)	1543000	1542500	1520000	1519833	5.49	5.49

LDC #: 61609G

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Results Verification

Reviewer: JVG

METHOD: GC PCBs (EPA SW 846 Method 8082A)

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

Percent difference (%D) = 100 * (N - C)/N

Where: N = Initial Calibration Factor or Nominal Amount
C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound	Ave CF	Reported CF	Recalculated CF	Reported % D	Recalculated %D
1	3G150007.d	7/16/2025	1260-1 (ZB-CLP1)	1164000	1180800	1180800	1.5	1.4
			1260-1 (ZB-CLP2)	1520000	2010600	2010600	32.3	32.3

LDC# 61609G

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

%Recovery: SURRF/SURRS * 100

Where: SURRF = Surrogate Found
SURRS = Surrogate Spiked

Sample ID: 1

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Tetrachloro-m- xylene	RTX-CLP1	40.00	24.915	62	62	0
Tetrachloro-m- xylene	RTX-CLP2	40.00	29.573	74	74	0
Decachlorobiphenyl	RTX-CLP1	40.00	29.103	73	73	0
Decachlorobiphenyl	RTX-CLP2	40.00	33.579	84	84	0

LDC# 61609G

VALIDATION FINDINGS WORKSHEET
MS/MSD Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked concentration
SA = Spike added
SC = Sample concentration

RPD = | MS - MSD | * 2/(MS + MSD)

MS = Matrix spike recovery

MSD = Matrix spike duplicate recovery

MS/MSD ID: JE14894-2

Compound	SA (ug/Kg)		SC (ug/Kg)	SSC (ug/Kg)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1260	172.0	179.0	0	102.0	125.0	59	59	70	70	20	20

LDC# 61609A

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added

LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: _OP65292-BS1__

Compound	SA (ug/Kg)		SSC (ug/Kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1260	133	NA	114	NA	85	86				

LDC# 61609G

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Ve)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Cis = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Ve = Volume extract
Vo = Volume or weight of sample
%S = % Solids

Sample ID	Compound	Ax	Ais	Cis	CF	Ve (ml)	Vi (g)	DF	% Solids/100	Calculated on-col conc (ug/Kg)	Reported on-col conc (ug/Kg)	% Diff
1	1260-2	103200000	-	-	784700	10.00	15.00	1.00	0.901	131.52	131.53	0
	CLP1											
											Reported	
	1260-Total =	(131.527+140.152+176.782)						conc =	(149.487)(10mL)		**final conc**	
			3						(15 g)			
	=	149.487						=	**110.6**		**111.0**	

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB023 4-6'		
Lab Sample ID:	JE14894-9A	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	90.1
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5Q1484.D	1	07/15/25 04:59	AM	07/11/25 17:00	OP65289	T5Q134
Run #2							

	Initial Weight	Final Volume
Run #1	5.09 g	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	ND U	0.87	0.12	ug/kg	
2706-90-3	Perfluoropentanoic acid	ND	0.44	0.076	ug/kg	
307-24-4	Perfluorohexanoic acid	ND	0.22	0.033	ug/kg	
375-85-9	Perfluoroheptanoic acid	ND	0.22	0.055	ug/kg	
335-67-1	Perfluorooctanoic acid	0.40	0.22	0.087	ug/kg	
375-95-1	Perfluorononanoic acid	ND U	0.22	0.055	ug/kg	
335-76-2	Perfluorodecanoic acid	ND	0.22	0.076	ug/kg	
2058-94-8	Perfluoroundecanoic acid	ND	0.22	0.065	ug/kg	
307-55-1	Perfluorododecanoic acid	ND	0.22	0.087	ug/kg	
72629-94-8	Perfluorotridecanoic acid	ND	0.22	0.098	ug/kg	
376-06-7	Perfluorotetradecanoic acid	ND	0.22	0.11	ug/kg	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	1.2	0.22	0.076	ug/kg	
2706-91-4	Perfluoropentanesulfonic acid	0.30	0.22	0.11	ug/kg	
355-46-4	Perfluorohexanesulfonic acid	0.34	0.22	0.12	ug/kg	
375-92-8	Perfluoroheptanesulfonic acid	0.26	0.22	0.11	ug/kg	
1763-23-1	Perfluorooctanesulfonic acid	16.1	0.22	0.055	ug/kg	
68259-12-1	Perfluorononanesulfonic acid	ND U	0.22	0.15	ug/kg	
335-77-3	Perfluorodecanesulfonic acid	ND	0.22	0.12	ug/kg	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.22	0.055	ug/kg	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND U	0.87	0.31	ug/kg	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.87	0.11	ug/kg	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.87	0.21	ug/kg	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	0.20 J	0.22	0.076	ug/kg	J
31506-32-8	MeFOSA	ND U	0.22	0.065	ug/kg	
4151-50-2	EtFOSA	ND U	0.22	0.055	ug/kg	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

Report of Analysis

Client Sample ID:	SB023 4-6'		
Lab Sample ID:	JE14894-9A	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	90.1
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.22	0.087	ug/kg	
2991-50-6	EtFOSAA	0.27	0.22	0.14	ug/kg	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	2.2	0.31	ug/kg	
1691-99-2	EtFOSE	ND	2.2	0.80	ug/kg	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.87	0.20	ug/kg	
919005-14-4	ADONA	ND	0.87	0.13	ug/kg	
377-73-1	PFMPA	ND	0.44	0.033	ug/kg	
863090-89-5	PFMBA	ND	0.44	0.065	ug/kg	
151772-58-6	NFDHA	ND	0.44	0.14	ug/kg	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.87	0.28	ug/kg	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.87	0.20	ug/kg	
113507-82-7	PFEESA	ND	0.44	0.033	ug/kg	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	1.1	0.26	ug/kg	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	5.5	0.68	ug/kg	
812-70-4	7:3 Fluorotelomer carboxylate	ND	5.5	0.69	ug/kg	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	61%		8-130%
	13C5-PFPeA	61%		35-130%
	13C5-PFHxA	58%		40-130%
	13C4-PFHpA	57%		40-130%
	13C8-PFOA	59%		40-130%
	13C9-PFNA	54%		40-130%
	13C6-PFDA	56%		40-130%
	13C7-PFUnDA	59%		40-130%
	13C2-PFDoDA	55%		40-130%
	13C2-PFTeDA	63%		20-130%
	13C3-PFBS	61%		40-135%
	13C3-PFHxS	60%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609G
SDG #: JE14894
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1 of 1
Reviewer: NG
2nd Reviewer: [signature]

Method: PFAS (EPA 1633)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	LC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	RSD ≤ 20% ICV ≤ 30%
IV	Continuing Calibration/ISC/Bile Salt	A	CCV ≤ 30% ISC ≤ 30%
V	Laboratory Blanks	A	
VI	Field Blank	N	
VII	Matrix spike/Matrix spike duplicates	N	CS
VIII	Laboratory Control Sample/Low Level LCS	A/A	
IX	Field Duplicate	N	
X	Internal standards	A	
XI	Target Analyte Quantitation	A	Results < RL > MDL = J dets
XII	Target Analyte Identification	A	
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB023 4-6'	JE14894-9		Soil	07/09/2025	Category B

Notes:

OP65289-MB		
TSQ123-IBLK		
TSQ134-IBLK		
TSQ134-ICCB		

VALIDATION FINDINGS CHECKLIST

METHOD: LC/MS PFAS (EPA Method 1633)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. LC/MS Instrument performance check				
Were the instrument performance reviewed and found to be within the validation criteria?	✓			
III. Initial Calibration and Initial Calibration Verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) < 20%?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the coefficient of determination (r^2) criteria of > 0.990?			✓	
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were the retention time windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) of the initial calibration verification < 30%?	✓			
IV. Continuing Calibration and Instrument Sensitivity Check				
Was a continuing calibration analyzed prior to sample analysis, after every 10 samples and at the end of the analytical sequence?	✓			
Were all percent differences (%D) of the continuing calibration < 30%?	✓			
Were all the retention times within the acceptance windows	✓			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were all percent differences (%D) of the Instrument Sensitivity Check < 30%?	✓			
Were the RTs for the bile salt peaks outside the RT window of PFOS by at least one minute?			✓	
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field Blanks				
Were field blanks identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Matrix Spike/Matrix Spike Duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	
VIII. Laboratory control samples				
Was an LCS analyzed per extraction batch for this SDG?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
IX. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	

Validation Area	Yes	No	NA	Findings/Comments
X. Internal Standards				
Were extracted internal standard (EIS) percent recoveries (%R) within QC limits?	✓			
Were non-extracted internal standard (NIS) areas within 50-200% of the average area of the calibration standards?	✓			
Were NIS retention times within 0.4 minutes of the initial calibration midPoint?	✓			
XI. Target Analyte Quantitation				
Did the laboratory reporting limits (i.e. DL, LOD, LOQ) meet the QAPP?			✓	
Did reported results include both branched and linear isomers?	✓			
Were the correct ion transition, labeled compound and relative response factor (RRF) used to quantitate the compound?	✓			
Were compound retention times within 0.1 minutes of the associated labeled compound for compounds with a labeled analog?	✓			
Were analyte quantitation and reporting limits adjusted to reflect all sample dilutions and dry weight factors applicable to Stage 4 validation?	✓			
XII. Target Analyte Identification				
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were two transitions and the ion transition ratio per analyte monitored and documented with the exception of PFBA and PFPeA?	✓			
Were ion ratios between 50-150%?	✓			
Were manual integrations reviewed and found acceptable?	✓			
Did the laboratory provide before and after integration printouts?	✓			
XIII. Overall assesment of Data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61609G

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of Compound
C_x = Concentration of compound
S= Standard deviation of the RRFs

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard
X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF 2.5	Recalculated RRF 2.5	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL T5Q123	6/30/2025	PFOA (M8-PFOA)	1.1638	1.1638	1.2503	1.2503	10.347	10.347
			PFOS (M8-PFOS)	8.6981	8.6981	9.5511	9.5511	9.209	9.206

LDC #: 61609G

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound	(IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
	5Q1475	7/15/2025	PFOA	(M8-PFOA)	2.500	2.412	2.412	3.5	3.5
			PFOS	(M8-PFOS)	2.320	2.089	2.089	10.0	10.0

LDC # 61609G

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: LC/MS PFAS (EPA Method 1633)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: OP65289-BS

Compound	SA (ug/Kg)		SSC (ug/Kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
					Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
PFOA	2.5	NA	2.90	NA	116	116				
PFOS	2.3	NA	2.50	NA	108	108				

LDC # 61609G

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer: JVG

METHOD: LC/MS PFAS (EPA Method 1633)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Ve)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Cis = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Vf = Final volume extract
Vo = Volume or weight of sample

Sample #	Compound	Ax	Ais	Cis (ng/mL)	RRF	DF	Vf (uL)	Vo (g)	% S/100	Calculated Concentration (ug/Kg)	Reported Concentration (ug/Kg)	% Diff
1	PFOS	1478918	26151	2.500	9.5512	1.000	5.0	5.09	0.90	16.139	16.100	0

Site:	60 Alexander Street, Yonkers, NY
Laboratory:	SGS North America, Inc., Dayton, NJ
SDG:	JE14894
Reviewer:	Dailey Sparks, Jonathon Carmichael, and Pei Geng/Laboratory Data Consultants for Laboratory Data Consultants for P.W. Grosser Consulting - Bohemia, NY
Date:	October 15, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
SB023 4-6'	JE14894-9	Metals, Wet Chemistry

Associated QC Samples(s):

Field/Trip Blanks: None Associated
Field Duplicate pair: None Associated

The above-listed soil sample was collected on July 9, 2025 and was analyzed for metals by SW-846 methods 6010D and 7471B, cyanide by SW-846 method 9012B, and hexavalent chromium by SW-846 method 7196A. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for ICP-AES Data Validation,* SOP No. HW-3a, ISM02.2, Revision 1 (September 2016), USEPA Region 2 *Standard Operating Procedure for Mercury and Cyanide Data Validation,* SOP No. HW-3c, ISM02.2, Revision 1 (September 2016), and the USEPA *National Functional Guidelines for Inorganic Superfund Data Review,* EPA 542-R-20-006 (November 2020)

The inorganic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Instrument Calibration
- Blank Analysis Results
- Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Result
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Duplicate Results
- Laboratory Control Sample (LCS) Results
- Serial Dilution Results
- Field Duplicate Results
- Detection Limits Results
- Sample Quantitation Results

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to laboratory quality control outliers.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

Initial and Continuing Calibration

All criteria were met.

ICP Interference Check Sample Analysis

Metals

All criteria were met.

Blanks

Contamination was not detected in the method blanks.

A field blank was not associated with this sample set. Validation action was not required on this basis.

MS/MSD Results

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

Laboratory Duplicate Results

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

Serial Dilution

Metals

Serial dilution was not performed for this SDG.

LCS Results

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Detection Limits Results

No results were reported below the reporting limit (RL) and above the method detection limit (MDL) in the metals and wet chemistry analyses.

Due to high target analyte levels or difficult sample matrix, select samples were analyzed at dilutions. The following table lists the sample dilutions which were performed and the results reported. RLs were elevated accordingly.

Sample	Metals Analyses Reported
SB023 4-6'	2-fold dilution due to sample matrix for mercury.
SB023 4-6'	5-fold dilution due to sample matrix for 6010D metals except antimony, cadmium, iron, lead, selenium, silver, thallium, zinc.
SB023 4-6'	10-fold dilution due to sample matrix for 6010D metals except copper

Dilutions were not required for wet chemistry analysis.

Sample Quantitation Results

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

Report of Analysis

Client Sample ID:	SB023 4-6'		
Lab Sample ID:	JE14894-9	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
		Percent Solids:	90.1
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	3350	53	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Antimony [a]	<11 U	11	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Arsenic	18.4	2.1	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Barium	105	21	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Beryllium	0.28	0.21	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Cadmium	3.4	2.7	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Calcium	2540	530	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Chromium	207	1.1	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Cobalt	6.6	5.3	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Copper	6900	27	mg/kg	10	07/15/25	07/16/25	LM	SW846 6010D [3]	SW846 3050B [4]
Iron [a]	47800	270	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Lead [a]	944	11	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Magnesium	1350	530	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Manganese	340	1.6	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Mercury	1.2	0.064	mg/kg	2	07/11/25	07/11/25	CM	SW846 7471B [1]	SW846 7471B [5]
Nickel	43.1	4.3	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Potassium	<1100 U	1100	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Selenium [a]	27.6	11	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Silver [a]	2.8	2.7	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Sodium	<1100 U	1100	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Thallium [a]	<5.3 U	5.3	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Vanadium	14.6	5.3	mg/kg	1	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]
Zinc [a]	1100	27	mg/kg	5	07/15/25	07/15/25	LM	SW846 6010D [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA58930
(2) Instrument QC Batch: MA58958
(3) Instrument QC Batch: MA58964
(4) Prep QC Batch: MP55765
(5) Prep QC Batch: MP55780

(a) Elevated detection limit due to dilution required for high interfering element.

PG

OCT 15 2025

RL = Reporting Limit

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609G
SDG #: JE14894
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1/1
Reviewer: DS
2nd Reviewer: SC

Method: Metals (EPA 6010D); Mercury (EPA 7471B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	Initial Calibration	A	
III	ICV/Continuing Calibration	A	
IV	ICP Interference Check Sample (ICS) Analysis	A	
V	Laboratory Blanks	A	
VI	Field Blank	N	
VII	Matrix Spike/Matrix Spike Duplicate	N	
VIII	Laboratory Duplicate	N	
IX	Serial Dilution	N	
X	Laboratory Control Sample	A	LCS
XI	Field Duplicate	N	
XII	Target Analyte Quantitation	A	MDL< No Sample < RL
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB023 4-6'	JE14894-9		Soil	07/09/2025	Category B

Notes: Sample 1: 1x all Metals, Except 2x Hg, 5x Sb, Cd, Fe, Pb, Se, Ag, Tl, Zn, 10x Cu (matrix)

LDC #: 61609G

All elements are applicable to each sample as noted below.

Sample ID	Matrix	Method	Target Analyte List
1	Soil	EPA 6010D	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, Tl, V, Zn
1	Soil	EPA 7471B	Hg

Comments:

VALIDATION FINDINGS CHECKLIST
Calibration Calculation Verification

LDC #: 61609G

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
An intial calibration verification (ICV), continuing calibration verification (CCV), low level calibration check (LLCC), and interference check sample
%R = (Found/True) x 100 Found = concentration of each analyte measured in the analysis
True = concentration of each analyte in the source

Standard ID	Type of Analysis	Element	Found (ug/L)	True (ug/L)	Recalculated %R	Reported %R	Acceptable (Y/N)
ICV	ICP	As	1980	2000	99	99	Y
CCV	ICP	Cr	2080	2000	104	104	Y
LLCC	ICP	Mg	91.7	100	91.7	91.7	Y
ICSAB	ICP	Al	503000	500000	100.6	100.6	Y
ICV	ICP-MS			NA	NA	NA	NA
CCV	ICP-MS			NA	NA	NA	NA
LLCC	ICP-MS			NA	NA	NA	NA
ICSAB	ICP-MS			NA	NA	NA	NA
ICV	CVAA	Hg	3.3	3	110	110	Y
CCV	CVAA	Hg	2.57	2.5	102.8	102.8	Y

ICP-MS Tune	QC Parameter	Mass	Actual	Required
NA	Mass Axis			± 0.1 amu
NA	%RSD			≤ 5%

VALIDATION FINDINGS WORKSHEET
Quality Control Sample Recalculations

Reviewer: DS

LDC #: 61609G

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Percent recoveries (%R) for the laboratory control sample (LCS), matrix spike (MS), and post digestion spike (PDS) were recalculated using
%R = (Found/True) x 100
Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)
True = concentration of each analyte in the source
The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:
RPD = (Absolute value(S-D)x 200) / (S+D)
S = Original sample concentration
D = Duplicate sample concentration
The serial dilution percent difference (%D) was recalculated using the following formula.
%D = (Absolute value (I - SDR)) x 100 / (I)
I = Initial sample result
SDR = Serial dilution result (with a 5x dilution applied)

Sample ID	Type of Analysis	Element	Found/S/I	True/D/SDR	Recalculated %R/RPD/%D	Reported %R/RPD/%D	Acceptable (Y/N)
MP55765	LCS	As	187	200	93.5	93.5	Y
NA	MS				#DIV/0!		---
NA	Duplicate				#DIV/0!		---
NA	PDS				#DIV/0!		---
NA	Serial dilution				#DIV/0!		---

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: DS

LDC #: 61609G

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

Analytes were recalculated and verified using the following equation:
Concentration = (Result from raw data x Final volume x Dilution factor) / (Percent solids x Initial weight)

Sample ID	Analyte	Raw Data (ug/l)	Dilution	Initial Weight/ Volume (g)	Final Volume (mL)	Percent solids (%)	Reported Result (mg/kg)	Recalculated Result (mg/kg)	Acceptable (Y/N)
1	Hg	7.3148	1	0.7083	100	90.1	1.2	1.15	Y

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB023 4-6'		
Lab Sample ID:	JE14894-9	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
		Percent Solids:	90.1
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Chromium, Hexavalent	<0.44 U	0.44	mg/kg	1	07/15/25 17:02	RI	SW846 3060A/7196A
Cyanide	0.35	0.32	mg/kg	1	07/14/25 18:15	JD	SW846 9012B/LACHAT
Solids, Percent	90.1		%	1	07/10/25 17:30	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609G
SDG #: JE14894
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1/1
Reviewer: DS
2nd Reviewer: JC

Method: Cyanide (EPA 9012B); Hexavalent Chromium (EPA 7196A)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	Initial Calibration	A	
III	ICV/Continuing Calibration	A	
IV	Laboratory Blanks	A	
V	Field Blank	N	
VI	Matrix Spike/Matrix Spike Duplicate	N	
VII	Laboratory Duplicate	N	
VIII	Laboratory Control Sample	A	LCS
IX	Field Duplicate	N	
X	Target Analyte Quantitation	A	MDL< No Sample < RL
XI	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB023 4-6' No Dilution	JE14894-9		Soil	07/09/2025	Category B

Notes:

LDC #: 61609G

All elements are applicable to each sample as noted below.

Sample ID	Matrix	Method	Target Analyte List
1	Water	EPA 9012	Cyanide
1	Water	EPA 7196A	Hexavalent Chromium

Comments:

VALIDATION FINDINGS CHECKLIST

Reviewer: DS

LDC #: 61609G		METHOD: Inorganics			
Validation Area		**Yes**	**No**	**NA**	**Comments**
I. Technical holding times					
Were all technical holding times met?		YES			
II/III Calibration					
Were all instruments calibrated at the required frequency?		YES			
Were the proper number of standards used?		YES			
Were all initial and continuing calibration verifications within the QC limits?		YES			
Were all initial calibration correlation coefficients within limits as specifed by the method?		YES			
Were balance checks performed as required?		YES			
IV Blanks					
Was a method blank associated with every sample in this SDG?		YES			
Was there contamination in the method blanks?			NO		
Was there contamination in the initial and continuing calibration blanks?			NO		
V. Field Blanks					
Were field blanks identified in this SDG?			NO		
Were target analytes detected in the field blanks?				NA	
VI. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates					
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)				NA	
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?				NA	
VIII. Laboratory Control Samples					
Was a LCS analyzed for each batch in the SDG?		YES			
Were the LCS recoveries and RPDs (if applicable) within QC limits?		YES			
IX. Field Duplicates					
Were field duplicates identifed in this SDG?			NO		
Were target analytes detected in the field duplicates?				NA	
X. Sample Result Verification					
Were all reporting limits adjusted to reflect sample		YES			
Were all soil samples dry weight corrected?		YES			
XI. Overall Assessment of Data					
Was the overall assessment of the data found to be acceptable?		YES			

VALIDATION FINDINGS CHECKLIST

Initial and Continuing Calibration Calculation Verification

Reviewer: DS

METHOD: Inorganics

The correlation

Calibration date: 7/15/2025

An initial or continuing calibration verification percent recovery (%R) was recalculated for each type of analysis using the following formula:

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis of the ICV or CCV solution

True = concentration of each analyte in the ICV or CCV source

Type of Analysis	Analyte	Standard	Concentration (mg/L)	Area	Recalculated r or r^2	Reported r or r^2	Acceptable (Y/N)
Initial Calibration	Hexavalent Chromium	s1	0	0	0.99993	0.99993	Y
		s2	0.01	0.009			
		s3	0.05	0.042			
		s4	0.1	0.084			
		s5	0.3	0.244			
		s6	0.5	0.419			
		s7	0.8	0.656			
		s8	1	0.831			
		s9					
		s10					
		s11					
		s12					

Type of Analysis	Analyte	Found (mg/L)	True (mg/L)		Recalculated %R	Reported %R	Acceptable (Y/N)
Calibration verification	Cyanide	0.399	0.4		99.8	99.8	Y
Calibration verification	Cyanide	0.398	0.4		99.5	99.5	Y
Calibration verification	Hexavalent Chromium	0.4881	0.5		97.62	97.72	Y

VALIDATION FINDINGS CHECKLIST
Quality Control Sample Recalculations

LDC #: 61609G

METHOD: Inorganics
Percent recoveries (%R) for the laboratory control sample (LCS) and matrix spike (MS) were recalcuated using the following
%R = (Found/True) x 100
Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)
True = concentration of each analyte in the source
The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:
RPD = (Absolute value(S-D)x 200) / (S+D)
S = Original sample concentration
D = Duplicate sample concentration

Sample ID	Type of Analysis	Element	Found/S	True/D	Recalculated %R/RPD	Reported %R/RPD	Acceptable (Y/N)
GP62456	LCS	Cyanide	5.16	4.8	107.5	107.5	Y
NA	MS				#DIV/0!		---
NA	Duplicate				#DIV/0!		---

VALIDATION FINDINGS CHECKLIST

Sample Calculation Verification

Reviewer: DS

LDC #: 61609G

METHOD: Inorganics

Analytes were recalculated and verified using the following equation:

Concentration = (Result from raw data x Final volume x Dilution factor) / (Percent solids (if applicable) x Initial weight or volume)

Sample ID	Analyte	Raw Data (mg/L)	Dilution	Initial Weight (g)	Final Volume (mL)	Percent solids (%)	Reported Result (mg/kg)	Recalculated Result (mg/kg)	Acceptable (Y/N)
1	Cyanide	0.0109	1	0.21	6	90.1	0.35	0.35	Y

Site:	60 Alexander Street, Yonkers, NY
Laboratory:	SGS North America, Inc., Dayton, NJ
SDG:	JE14894R
Reviewer:	Felomina Tanguilig and Pei Geng/Laboratory Data Consultants for P.W. Grosser Consulting - Bohemia, NY
Date:	October 15, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
SB012 18-20'	JE14894-3R	SVOC

Associated QC Samples(s):

Field/Trip Blanks:	None Associated
Field Duplicate pair:	None Associated

The above-listed soil sample was collected on July 9, 2025 and was analyzed for semivolatile organic compounds (SVOC) by SW-846 method 8270E. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270E* and the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review,* EPA 540-R-20-005 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The organic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Initial and Continuing Calibrations
- Blank Analysis Results
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Target Analyte Identification

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to sample matrix or laboratory quality control outliers with the exceptions listed below.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All samples were received in good condition.

All technical holding time requirements were met with the following exceptions:

Sample	Analyte	Total Days From Sample Collection Until Extraction	Required Holding Time (in Days) From Sample Collection Until Extraction	Validation Action
SB012 18-20'	All SVOC analytes	21	14	J (all detects) UJ (all non-detects)

GC/MS Tunes

All criteria were met.

Initial and Continuing Calibrations

Initial calibration:

For analytes where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 20.0%.

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
08/02/25 (0144)	CCV-GCMSCJ	N-Nitroso-di-n-propylamine	28.0	SB012 18-20'	UJ (all non-detects)
08/02/25 (1444)	CCV-GCMSCJ	Caprolactam	51.4	SB012 18-20'	UJ (all non-detects)

All of the continuing calibration relative response factors (RRF) were within validation criteria.

Blanks

Contamination was not detected in the method blanks.

A field blank was not associated with this sample set. Validation action was not required on this basis.

Surrogate Recoveries

All criteria were met.

MS/MSD Results

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

LCS Results

All criteria were met.

Internal Standards

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Quantitation Limits and Data Assessment

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL) in the SVOC analysis. These results were qualified as estimated (J) by the laboratory.

Sample Quantitation and Target Analyte Identification

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

JN - The analysis indicates the presence of an analyte that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB012 18-20'		
Lab Sample ID:	JE14894-3R	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	64.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	CJ14097.D	1	08/02/25 19:28	KLS	07/30/25 01:30	OP65789	ECJ593
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND UJ	100	25	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	250	31	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	250	43	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	250	91	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	250	190	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	250	54	ug/kg	
95-48-7	2-Methylphenol	ND	100	32	ug/kg	
	3&4-Methylphenol	522 J	100	42	ug/kg	
88-75-5	2-Nitrophenol	ND UJ	250	34	ug/kg	
100-02-7	4-Nitrophenol	ND	510	140	ug/kg	
87-86-5	Pentachlorophenol	ND	200	48	ug/kg	
108-95-2	Phenol	ND	100	27	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	250	34	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	250	38	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	250	30	ug/kg	
83-32-9	Acenaphthene	33.2 J	51	18	ug/kg	J
208-96-8	Acenaphthylene	37.3	51	26	ug/kg	J
98-86-2	Acetophenone	41.5	250	11	ug/kg	J
120-12-7	Anthracene	39.6	51	31	ug/kg	J
1912-24-9	Atrazine	ND UJ	100	22	ug/kg	
56-55-3	Benzo(a)anthracene	42.1 J	51	14	ug/kg	J
50-32-8	Benzo(a)pyrene	27.7	51	23	ug/kg	J
205-99-2	Benzo(b)fluoranthene	39.0	51	22	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	ND UJ	51	25	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	51	24	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	100	20	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	100	12	ug/kg	
92-52-4	1,1'-Biphenyl	27.9 J	100	7.0	ug/kg	J
100-52-7	Benzaldehyde	152	250	13	ug/kg	J
91-58-7	2-Chloronaphthalene	ND UJ	100	12	ug/kg	
106-47-8	4-Chloroaniline	ND	250	18	ug/kg	
86-74-8	Carbazole	21.9 J	100	7.4	ug/kg	J

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

Report of Analysis

Client Sample ID:	SB012 18-20'		
Lab Sample ID:	JE14894-3R	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8270E SW846 3546	**Percent Solids:**	64.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam [b]	ND	100	20	ug/kg	
218-01-9	Chrysene	61.0 J	51	16	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	100	11	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	100	22	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	100	18	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	100	16	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	51	16	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	51	26	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	100	42	ug/kg	
123-91-1	1,4-Dioxane	ND	51	34	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	51	22	ug/kg	
132-64-9	Dibenzofuran	30.2 J	100	21	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	100	8.3	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	100	13	ug/kg	
84-66-2	Diethyl phthalate	ND	100	11	ug/kg	
131-11-3	Dimethyl phthalate	ND	100	9.1	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	100	12	ug/kg	
206-44-0	Fluoranthene	140 J	51	23	ug/kg	
86-73-7	Fluorene	34.3 J	51	23	ug/kg	J
118-74-1	Hexachlorobenzene	ND	100	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	51	20	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	510	20	ug/kg	
67-72-1	Hexachloroethane	ND	250	25	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	51	24	ug/kg	
78-59-1	Isophorone	ND	100	11	ug/kg	
91-57-6	2-Methylnaphthalene	70.0 J	51	11	ug/kg	
88-74-4	2-Nitroaniline	ND	250	12	ug/kg	
99-09-2	3-Nitroaniline	ND	250	13	ug/kg	
100-01-6	4-Nitroaniline	ND	250	13	ug/kg	
91-20-3	Naphthalene	154 J	51	14	ug/kg	
98-95-3	Nitrobenzene	ND	100	20	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine [c]	ND	100	15	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	250	19	ug/kg	
85-01-8	Phenanthrene	182 J	51	17	ug/kg	
129-00-0	Pyrene	141 J	51	16	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	250	13	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	72%		10-99%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609H
SDG #: JE14894R
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1
Reviewer: EA
2nd Reviewer: CW

Method: Semivolatiles (EPA 8270E)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/SW	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	%RSD ≤20, r² ICV ≤30
IV	Continuing Calibration	SW	CCV ≤20
V	Laboratory Blanks	A	
VI	Field Blank	N	
VII	Surrogate Spikes	A	
VIII	Matrix Spike/Matrix Spike Duplicate	N	
IX	Laboratory Control Sample	A	LCS ID
X	Field Duplicate	N	
XI	Internal standards	A	
XII	Target Analyte Quantitation	A	Results < RL > MDL = J det
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB012 18-20'	JE14894-3R		Soil	07/09/2025	Category B

Notes:

0965789		

LDC #: 61669H

VALIDATION FINDINGS CHECKLIST

Method: Semivolatiles (EPA SW 846 Method 8270 E)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓	✓		
Was cooler temperature criteria met?	✓			
II. GC/MS Instrument performance check				
Were the DFTPP performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
IIIa. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% 15/30% and relative response factors (RRF) within method criteria?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
IIIb. Initial Calibration Verification				
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If 2 or more base neutral or acid surrogates were outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recoveries (%R) was less than 10%, was a reanalysis performed to confirm %R ?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?			✓	

Validation Area	Yes	No	NA	Findings/Comments
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were compound quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

TARGET ANALYTE LIST

METHOD: GC/MS SVOC

A. Phenol	GG. Acenaphthene	MMM. Bis(2-Chloroisopropyl)ether	SSSS. 2/3-Dimethyldibenzothiophene	Y1. 3,3'-Dimethylbenzidine
B. Bis (2-chloroethyl) ether	HH. 2,4-Dinitrophenol	NNN. Aniline	TTTT. 1-Methyldibenzothiophene	Z1. o-Toluidine
C. 2-Chlorophenol	II. 4-Nitrophenol	OOO. N-Nitrosodimethylamine	UUUU.. 2,3,4,6-Tetrachlorophenol	A2. Benzo(j)fluoranthene
D. 1,3-Dichlorobenzene	JJ. Dibenzofuran	PPP. Benzoic Acid	VVVV. 1,2,4,5-Tetrachlorobenzene	B2. Benzofluoranthenes, total
E. 1,4-Dichlorobenzene	KK. 2,4-Dinitrotoluene	QQQ. Benzyl alcohol	WWWW.. 2-Picoline	C2. trans-Decalin
F. 1,2-Dichlorobenzene	LL. Diethylphthalate	RRR. Pyridine	XXXX. 3-Methylcholanthrene	D2. cis-Decalin
G. 2-Methylphenol	MM. 4-Chlorophenyl-phenyl ether	SSS. Benzidine	YYYY. a,a-Dimethylphenethylamine	E2. Dibenzo(a)anthracenes
H. 2,2'-Oxybis(1-chloropropane)	NN. Fluorene	TTT. 1-Methylnaphthalene	ZZZZ. Hexachloropropene	F2. Benzo(j)+(k)fluoranthene
I. 4-Methylphenol	OO. 4-Nitroaniline	UUU.Benzo(b)thiophene	A1. N-Nitrosodiethylamine	G2.
J. N-Nitroso-di-n-propylamine	PP. 4,6-Dinitro-2-methylphenol	VVV.Benzonaphthothiophene	B1. N-Nitrosodi-n-butylamine	H2.
K. Hexachloroethane	QQ. N-Nitrosodiphenylamine	WWW.Benzo(e)pyrene	C1. N-Nitrosomethylethylamine	I2.
L. Nitrobenzene	RR. 4-Bromophenyl-phenylether	XXX. 2,6-Dimethylnaphthalene	D1. N-Nitrosomorpholine	J2.
M. Isophorone	SS. Hexachlorobenzene	YYY. 2,3,5-Trimethylnaphthalene	E1. N-Nitrosopyrrolidine	K2.
N. 2-Nitrophenol	TT. Pentachlorophenol	ZZZ. Perylene	F1. Phenacetin	L2.
O. 2,4-Dimethylphenol	UU. Phenanthrene	AAAA. Dibenzothiophene	G1. 2-Acetylaminofluorene	M2.
P. Bis(2-chloroethoxy)methane	VV. Anthracene	BBBB. Benzo(a)fluoranthene	H1. Pronamide	N2.
Q. 2,4-Dichlorophenol	WW. Carbazole	CCCC. Benzo(b)fluorene	I1. Methyl methanesulfonate	O2.
R. 1,2,4-Trichlorobenzene	XX. Di-n-butylphthalate	DDDD. cis/trans-Decalin	J1. Ethyl methanesulfonate	P2.
S. Naphthalene	YY. Fluoranthene	EEEE. Biphenyl	K1. o,o',o''-Triethylphosphorothioate	Q2.
T. 4-Chloroaniline	ZZ. Pyrene	FFFF. Retene	L1. n-Phenylene diamine	R2.
U. Hexachlorobutadiene	AAA. Butylbenzylphthalate	GGGG. C30-Hopane	M1. 1,4-Naphthoquinone	S2.
V. 4-Chloro-3-methylphenol	BBB. 3,3'-Dichlorobenzidine	HHHH. 1-Methylphenanthrene	N1. N-Nitro-o-toluidine	T2.
W. 2-Methylnaphthalene	CCC. Benzo(a)anthracene	IIII. 1,4-Dioxane	O1. 1,3,5-Trinitrobenzene	U2.
X. Hexachlorocyclopentadiene	DDD. Chrysene	JJJJ. Acetophenone	P1. Pentachlorobenzene	V2..
Y. 2,4,6-Trichlorophenol	EEE. Bis(2-ethylhexyl)phthalate	KKKK. Atrazine	Q1. 4-Aminobiphenyl	W2
Z. 2,4,5-Trichlorophenol	FFF. Di-n-octylphthalate	LLLL. Benzaldehyde	R1. 2-Naphthylamine	X2..
AA. 2-Chloronaphthalene	GGG. Benzo(b)fluoranthene	MMMM. Caprolactam	S1. Triphenylene	Y2.
BB. 2-Nitroaniline	HHH. Benzo(k)fluoranthene	NNNN. 2,6-Dichlorophenol	T1. Octachlorostyrene	Z2.
CC. Dimethylphthalate	III. Benzo(a)pyrene	OOOO. 1,2-Diphenylhydrazine	U1. Famphur	
DD. Acenaphthylene	JJJ. Indeno(1,2,3-cd)pyrene	PPPP. 3-Methylphenol	V1. 1,4-phenylenediamine	
EE. 2,6-Dinitrotoluene	KKK. Dibenz(a,h)anthracene	QQQQ. 3&4-Methylphenol	W1. Methapyrilene	
FF. 3-Nitroaniline	LLL. Benzo(g,h,i)perylene	RRRR. 4-Dimethyldibenzothiophene	X1. Pentachloroethane	

LDC #: 61609H

VALIDATION FINDINGS WORKSHEET
Technical Holding Times

Reviewer: FD

Samples identified below have exceeded the cooler temperature validation criteria of 0-6 deg C or the technical holding time criteria.

METHOD: GC/MS BNA (EPA SW 846 Method 8270 F)

Sample ID	Matrix	Preserved	Sampling date	Extraction date	Analysis date	Total # of days	Qualifier
All	SOIL		7/9/25	7/30/25	8/2/25	21	J/UJ/P ND + Det

TECHNICAL HOLDING TIME CRITERIA:

EXTRACTABLES: Water: Extracted within 7 days, analyzed within 40 days
Soils: Extracted within 14 days, analyzed within 40 days

LDC #: _ 61609H

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: ____FT_____

METHOD: GC/MS BNA (EPA SW 846 Method 8270 C)
Continuing calibration standards were analyzed at the required frequencies.
The retention times for all calibrated compounds were within their respective acceptance windows.
All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Compound	%D (Limit ≤ 20 %)	RRF (Limits)	Associated samples	Qualifications
	8/2/25 0144	CCV-GCMS 0J	J	28.0		All	J/UJ/A (ND)
	8/2/25 1444	↓	MMMM	51.4		All	J/UJ/A (ND)

	DOD	NFG	
%D	20%/50%	Method criteria	RRF: 0.05

LDC #: 61609H

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: FT

METHOD: GCMS 8270E

The calibration factors (RRFF), average RRFF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

RRF = (Ax)(Cis)/(Ais)(Cx)
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

Where:

Ax = Area of compound
Cx = Concentration of compound
S = Standard deviation of the RRFs
X = Mean of the RRFs
Ais = Area of associated internal standard
Cis = Concentration of internal Standard

#	Standard ID	Calibration Date	Compound	Reported (RRF 50ppm std)	Recalculated (RRF 50ppm std)	Reported AverageRRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
	ICAL GCMSCJ	7/31/2025	A	2.033	2.033	2.042	2.042	4.32	4.32
			S	1.059	1.059	1.079	1.079	5.58	5.58
			GG	1.206	1.206	1.265	1.265	6.47	6.47
			UU	1.125	1.125	1.160	1.160	6.01	6.01
			DDD	1.291	1.291	1.324	1.324	3.43	3.43
			LLL	1.038	1.038	1.047	1.047	2.18	2.18

LDC # 61609H

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: FT

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 C)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	CCV	8/2/25 1344	Δ	2.042	1.843	1.843	9.7	9.7
			S	1.079	1.053	1.053	2.4	2.4
			GG	1.265	1.213	1.213	4.1	4.1
			NN	1.160	1.123	1.123	3.2	3.2
			PPP	1.324	1.298	1.298	2.0	2.0
			IS LLL	1.047	1.048	1.048	0.1	0.1

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

LDC # 61609H

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 E)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: A1

Surrogate	Surrogate Spiked (ppm)	Surrogate Found (ppm)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Nitrobenzene-d5	50.0	25.24	50	50	0
2-Fluorobiphenyl		39.08	78	78	
Terphenyl-d14		29.65	59	59	
Phenol-d5		33.78	68	68	
2-Fluorophenol		35.95	72	72	
2,4,6-Tribromophenol		43.01	86	86	

LDC # 616094

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 C)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS ID: _____

Compound	SA ( )		SSC ( )		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Phenol	1670	1670	767	762	46	46	46	46	1	1
N-Nitroso-di-n-propylamine	↓	↓	623	601	37	37	36	36	4	4
4-Chloro-3-methylphenol			800	939	48	48	56	56	16	16
Acenaphthene			856	951	51	51	57	57	11	11
Pentachlorophenol	3330	3330	1990	2360	60	60	71	71	17	17
Pyrene	1670	1670	931	942	52	52	57	57	1	1

LDC #: 61609H

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GCMS 8270

Results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

#1 GG

Final Conc = $\frac{\text{Conc} * Vp * DF}{VS}$

Where:

Ax = Area or height of the peak for the compound to be measured
DF = Dilution factor
CF = Calibration factor from continuing calibration curve
Vs = Volume of sample extracted in milliters (mL)
Vp = Purge Volume

Concentration = $\frac{(10487)(40.0)(1)(1000)}{(508736)(1.265)(30.3)(0.649)}$

= 33.15

Sample #	Analyte	Calculated Concentration (ug/kg)	Reported Concentration (ug/kg)	% Diff
1	GG	33.15	33.2	0

Site:	60 Alexander Street, Yonkers, NY
Laboratory:	SGS North America, Inc., Dayton, NJ
SDG:	JE14894R
Reviewer:	Dailey Sparks, Jonathon Carmichael, and Pei Geng/Laboratory Data Consultants for Laboratory Data Consultants for P.W. Grosser Consulting - Bohemia, NY
Date:	October 15, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
SB012 18-20'	JE14894-3R	Metals

Associated QC Samples(s):

Field/Trip Blanks: None Associated
Field Duplicate pair: None Associated

The above-listed soil sample was collected on July 9, 2025 and was analyzed for metals by SW-846 methods 6010D and 7471B. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for ICP-AES Data Validation,* SOP No. HW-3a, ISM02.2, Revision 1 (September 2016), USEPA Region 2 *Standard Operating Procedure for Mercury and Cyanide Data Validation,* SOP No. HW-3c, ISM02.2, Revision 1 (September 2016), and the USEPA *National Functional Guidelines for Inorganic Superfund Data Review,* EPA 542-R-20-006 (November 2020)

The inorganic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Instrument Calibration
- Blank Analysis Results
- Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Result
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Duplicate Results
- Laboratory Control Sample (LCS) Results
- Serial Dilution Results
- Field Duplicate Results
- Detection Limits Results
- Sample Quantitation Results

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to laboratory quality control outliers.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

Initial and Continuing Calibration

All criteria were met.

ICP Interference Check Sample Analysis

All criteria were met.

Blanks

Analytes were detected below the reporting limits in the laboratory blank samples. The following table summarizes the contamination and validation actions taken.

Blank ID	Analyte	Level Detected	Action Level	Associated Samples
ICB/CCB	Iron	159 ug/L	RL	SB012 18-20'

Blank Actions for analytes detected below the reporting limit (RL).
If the sample result is < RL, report the result as nondetect (U) at the RL.
If the sample result is > RL or nondetect, no action is required.
Blank Actions for analytes detected above the reporting limit or RL.
If the sample result is < RL and <action level; report the result as nondetect (U) at the RL.
If the sample result is > RL and < action level; report the result as nondetect (U) at the reported value.
If the sample result is > action level or nondetect, no action is required.

No samples were qualified since the associated sample results were nondetect.

A field blank was not associated with this sample set. Validation action was not required on this basis.

MS/MSD Results

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

Laboratory Duplicate Results

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

Serial Dilution

Serial dilution was not performed for this SDG.

LCS Results

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Detection Limits Results

No results were reported below the reporting limit (RL) and above the method detection limit (MDL) in the metals analysis.

Due to high target analyte levels or difficult sample matrix, select samples were analyzed at dilutions. The following table lists the sample dilutions which were performed and the results reported. RLs were elevated accordingly.

Sample	Metals Analyses Reported
SB012 18-20'	5-fold dilution due to high target analyte level for mercury

Sample Quantitation Results

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB012 18-20'		
Lab Sample ID:	JE14894-3R	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
		Percent Solids:	64.9
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	4680	75	mg/kg	1	07/29/25	07/30/25	MM	SW846 6010D [2]	SW846 3050B [3]
Antimony	<3.0 U	3.0	mg/kg	1	07/29/25	07/30/25	MM	SW846 6010D [2]	SW846 3050B [3]
Arsenic	6.1	3.0	mg/kg	1	07/29/25	07/30/25	MM	SW846 6010D [2]	SW846 3050B [3]
Barium	57.3	30	mg/kg	1	07/29/25	07/30/25	MM	SW846 6010D [2]	SW846 3050B [3]
Beryllium	0.30	0.30	mg/kg	1	07/29/25	07/30/25	MM	SW846 6010D [2]	SW846 3050B [3]
Cadmium	<0.75 U	0.75	mg/kg	1	07/29/25	07/30/25	MM	SW846 6010D [2]	SW846 3050B [3]
Calcium	6500	750	mg/kg	1	07/29/25	07/30/25	MM	SW846 6010D [2]	SW846 3050B [3]
Chromium	15.8	1.5	mg/kg	1	07/29/25	07/30/25	MM	SW846 6010D [2]	SW846 3050B [3]
Cobalt	<7.5 U	7.5	mg/kg	1	07/29/25	07/30/25	MM	SW846 6010D [2]	SW846 3050B [3]
Copper	96.4	3.7	mg/kg	1	07/29/25	07/30/25	MM	SW846 6010D [2]	SW846 3050B [3]
Iron	22900	75	mg/kg	1	07/29/25	07/30/25	MM	SW846 6010D [2]	SW846 3050B [3]
Lead	204	3.0	mg/kg	1	07/29/25	07/30/25	MM	SW846 6010D [2]	SW846 3050B [3]
Magnesium	2910	750	mg/kg	1	07/29/25	07/30/25	MM	SW846 6010D [2]	SW846 3050B [3]
Manganese	896	2.2	mg/kg	1	07/29/25	07/30/25	MM	SW846 6010D [2]	SW846 3050B [3]
Mercury	2.8	0.23	mg/kg	5	07/30/25	07/30/25	CM	SW846 7471B [1]	SW846 7471B [4]
Nickel	12.0	6.0	mg/kg	1	07/29/25	07/30/25	MM	SW846 6010D [2]	SW846 3050B [3]
Potassium	<1500 U	1500	mg/kg	1	07/29/25	07/30/25	MM	SW846 6010D [2]	SW846 3050B [3]
Selenium	<3.0 U	3.0	mg/kg	1	07/29/25	07/30/25	MM	SW846 6010D [2]	SW846 3050B [3]
Silver	1.4	0.75	mg/kg	1	07/29/25	07/30/25	MM	SW846 6010D [2]	SW846 3050B [3]
Sodium	<1500 U	1500	mg/kg	1	07/29/25	07/30/25	MM	SW846 6010D [2]	SW846 3050B [3]
Thallium	<1.5 U	1.5	mg/kg	1	07/29/25	07/30/25	MM	SW846 6010D [2]	SW846 3050B [3]
Vanadium	28.2	7.5	mg/kg	1	07/29/25	07/30/25	MM	SW846 6010D [2]	SW846 3050B [3]
Zinc	157	15	mg/kg	1	07/29/25	07/30/25	MM	SW846 6010D [2]	SW846 3050B [3]

(1) Instrument QC Batch: MA59047
(2) Instrument QC Batch: MA59050
(3) Prep QC Batch: MP56179
(4) Prep QC Batch: MP56228

PG

OCT 15 2025

RL = Reporting Limit

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609H
SDG #: JE14894R
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1/1
Reviewer: DS
2nd Reviewer: SC

Method: Metals (EPA 6010D); Mercury (EPA 7471B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	Initial Calibration	A	
III	ICV/Continuing Calibration	A	
IV	ICP Interference Check Sample (ICS) Analysis	A	
V	Laboratory Blanks	SW	
VI	Field Blank	N	
VII	Matrix Spike/Matrix Spike Duplicate	N	
VIII	Laboratory Duplicate	N	
IX	Serial Dilution	N	
X	Laboratory Control Sample	A	LCS
XI	Field Duplicate	N	
XII	Target Analyte Quantitation	A	MDL< No Sample <RL
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB012 18-20' 1x all Metals, except 5x Hg (High Analyte)	JE14894-3R		Soil	07/09/2025	Category B

Notes:

LDC #: 61609H

All elements are applicable to each sample as noted below.

Sample ID	Matrix	Method	Target Analyte List
1	Solid	EPA 6010D	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, Tl, V, Zn
1	Solid	EPA 7471B	Hg

Comments:

VALIDATION FINDINGS CHECKLIST

Reviewer: DS

LDC #: 61609H	METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)			
Validation Area	**Yes**	**No**	**NA**	**Comments**
I. Technical holding times				
Were all technical holding times met?	YES			
Were all water samples preserved to a pH of <2.	YES			
II. ICP-MS Tune				
Were mass resolutions within 0.1 amu for all isotopes in the tuning solution?			NA	
Were %RSDs of isoptoes in the tuning solution ≤5%?			NA	
III. Calibration				
Were all instruments calibrated daily?	YES			
Were the proper standards used?	YES			
Were all initial and continuing calibration verifications within the 90-110% (80-120% for mercury) QC limits?	YES			
Were the low level standard checks within 70-130%?	YES			
Were all initial calibration correlation coefficients within limits as specifed by the method?	YES			
IV. Interference Check Sample				
Were the interference check samples performed daily?	YES			
Were the AB solution recoveries within 80-120%?	YES			
V. Blanks				
Was a method blank associated with every sample in this SDG?	YES			
Was there contamination in the method blanks?		NO		
Was there contamination in the initial and continuing calibration blanks?	YES			
VI. Field Blanks				
Were field blanks identified in this SDG?		NO		
Were target analytes detected in the field blanks?			NA	
VII. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)			NA	
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?			NA	

IX. Serial Dilution				
Were all percent differences (DOD <10%, NFG<20%)			NA	
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.			NA	
X. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	YES			
Were the LCS recoveries and RPDs (if applicable) within QC limits?	YES			
XI. Field Duplicates				
Were field duplicates identifed in this SDG?		NO		
Were target analytes detected in the field duplicates?			NA	
VII. Internal Standards				
Were all percent recoveries within the 30-120% (60-125% for EPA Method 200.8) QC limits?			NA	
If the recoveries were outside the limits, was a reanalysis performed?			NA	
XIII. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	YES			
Were all soil samples dry weight corrected?	YES			
XIV. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	YES			

VALIDATION FINDINGS WORKSHEET
Laboratory Blank Contamination (PB/ICB/CCB)

LDC #: 61609H

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Soil preparation factor applied (if applicable): 100

Sample Concentration, unless otherwise noted: mg/kg Associated Samples: 1

				Sample Identification								
Analyte	**PB (units)**	**Maximum ICB/CCB (ug/L)**	**Action Level (mg/kg RL)**	NQ								
Fe		159	50									

VALIDATION FINDINGS CHECKLIST

Calibration Calculation Verification

Reviewer: DS

LDC #: 61609H

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

An intial calibration verification (ICV), continuing calibration verification (CCV), low level calibration check (LLCC), and interference check sample

%R = (Found/True) x 100 Found = concentration of each analyte measured in the analysis

True = concentration of each analyte in the source

Standard ID	Type of Analysis	Element	Found (ug/L)	True (ug/L)	Recalculated %R	Reported %R	Acceptable (Y/N)
ICV	ICP	Sb	1940	2000	97	97	Y
CCV	ICP	Al	37100	40000	92.8	92.8	Y
LLCC	ICP	K	4770	5000	95.4	95.4	Y
ICSAB	ICP	Mg	469000	500000	93.8	93.8	Y
ICV	ICP-MS				NA	NA	NA
CCV	ICP-MS				NA	NA	NA
LLCC	ICP-MS				NA	NA	NA
ICSAB	ICP-MS				NA	NA	NA
ICV	CVAA	Hg	3.02	3	100.7	100.7	Y
CCV	CVAA	Hg	2.51	2.5	100.4	100.4	Y

ICP-MS Tune	QC Parameter	Mass	Actual	Required
NA	Mass Axis			± 0.1 amu
NA	%RSD			≤ 5%

VALIDATION FINDINGS WORKSHEET
Quality Control Sample Recalculations

LDC #: 61609H

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Percent recoveries (%R) for the laboratory control sample (LCS), matrix spike (MS), and post digestion spike (PDS) were recalculated using
%R = (Found/True) x 100
Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)
True = concentration of each analyte in the source
The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:
RPD = (Absolute value(S-D)x 200) / (S+D)
S = Original sample concentration
D = Duplicate sample concentration
The serial dilution percent difference (%D) was recalculated using the following formula.
%D = (Absolute value (I - SDR)) x 100 / (I)
I = Initial sample result
SDR = Serial dilution result (with a 5x dilution applied)

Sample ID	Type of Analysis	Element	Found/S/I	True/D/SDR	Recalculated %R/RPD/%D	Reported %R/RPD/%D	Acceptable (Y/N)
MP56228	LCS	Hg	0.34	0.333	102	102	Y
NA	MS				#DIV/0!		---
NA	Duplicate				#DIV/0!		---
NA	PDS				#DIV/0!		---
NA	Serial dilution				#DIV/0!		---

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: DS

LDC #: 61609H

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

Analytes were recalculated and verified using the following equation:
Concentration = (Result from raw data x Final volume x Dilution factor) / (Percent solids x Initial weight)

Sample ID	Analyte	Raw Data (mg/l)	Dilution	Initial Weight/ Volume (g)	Final Volume (mL)	Percent solids (%)	Reported Result (mg/kg)	Recalculated Result (mg/kg)	Acceptable (Y/N)
1	Ba	0.383	1	1.03	100	64.9	57.3	57.3	Y

Site:	60 Alexander Street, Yonkers, NY
Laboratory:	SGS North America, Inc., Dayton, NJ
SDG:	JE14894U
Reviewer:	Felomina Tanguilig and Pei Geng/Laboratory Data Consultants for P.W. Grosser Consulting - Bohemia, NY
Date:	October 10, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
SB022 7-9'	JE14894-6U	VOC

Associated QC Samples(s):

Field/Trip Blanks:	TRIP BLANK
Field Duplicate pair:	None Associated

The above-listed soil sample was collected on July 9, 2025 and was analyzed for volatile organic compounds (VOC) by SW-846 method 8260D. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for Validating Volatile Organic Compounds By Gas Chromatography/Mass Spectrometry,* SOP HW-24, Revision 4 (October 2014) and the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review,* EPA 540-R-20-005 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The organic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Initial and Continuing Calibrations
- Blank Analysis Results
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Target Analyte Identification

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to sample matrix or laboratory quality control outliers with the exceptions listed below.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

GC/MS Tunes

All criteria were met.

Initial and Continuing Calibrations

All criteria were met.

Blanks

Contamination was not detected in the method blanks.

No positive results were found in the trip blank sample TRIP BLANK for VOC analysis.

Surrogate Recoveries

All criteria were met.

MS/MSD Results

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

LCS Results

All criteria were met.

Internal Standards

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Quantitation Limits and Data Assessment

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL) in the VOC analysis. These results were qualified as estimated (J) by the laboratory.

Sample Quantitation and Target Analyte Identification

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

JN - The analysis indicates the presence of an analyte that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB022 7-9'		
Lab Sample ID:	JE14894-6U	**Date Sampled:**	07/09/25
Matrix:	SO - Soil	**Date Received:**	07/09/25
Method:	SW846 8260D	**Percent Solids:**	72.6
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3C195001U.D	1	07/14/25 22:39	JN	n/a	n/a	V3C8460
Run #2							

	Initial Weight
Run #1	2.9 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
104-51-8	n-Butylbenzene	25.7	4.7	0.97	ug/kg	
135-98-8	sec-Butylbenzene	40.7	4.7	1.0	ug/kg	
98-06-6	tert-Butylbenzene	3.7 J	4.7	1.2	ug/kg	J
91-20-3	Naphthalene	ND U	12	5.9	ug/kg	
103-65-1	n-Propylbenzene	85.0	4.7	1.1	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	23.4	4.7	1.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	6.9	4.7	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-124%
17060-07-0	1,2-Dichloroethane-D4	99%		75-133%
2037-26-5	Toluene-D8	101%		79-125%
460-00-4	4-Bromofluorobenzene	93%		58-148%

PG

OCT 15 2025

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609I
SDG #: JE14894U
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1
Reviewer: EJ
2nd Reviewer: EJ

Method: Volatiles (EPA 8260D) +THC

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	GC/MS Instrument Performance Check	A/A	
III	Initial Calibration/ ICV	A/A	%D RSD ≤ 20 ICV ≤ 30
IV	Continuing Calibration	A	CCV ≤ 20
V	Laboratory Blanks	A	
VI	Field Blank	ND	TB = TRIP BLANK
VII	Surrogate Spikes	A	
VIII	Matrix Spike/Matrix Spike Duplicate	N	cs
IX	Laboratory Control Sample	A	LCS / D
X	Field Duplicate	N	
XI	Internal standards	A	
XII	Target Analyte Quantitation	A	Results < RL > MDL = J (+)
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB022 7-9' ~~90~~	JE14894-6U		Soil	07/09/2025	Category B

Notes:

~~YGB1662~~ Y3C8461		

Method: Volatiles (EPA SW 846 Method 8260B)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS instrument performance check				
Were the BFB performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓		✓	
Were all percent relative standard deviations (%RSD) ≤ 15% 20% 15/30% and relative response factors (RRF) ≥ 0.05?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 20% 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) ≥ 0.05?	✓			
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the Blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?			✓	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	

Method: Volatiles (EPA SW 846 Method 8260B)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per analytical batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

TARGET COMPOUND WORKSHEET

METHOD: VOA

A. Chloromethane	AA. Tetrachloroethene	AAA. 1,3,5-Trimethylbenzene	AAAA. Ethyl tert-butyl ether	A1. 1,3-Butadiene	A2. 1,2,4,5-Tetramethylbenzene
B. Bromomethane	BB. 1,1,2,2-Tetrachloroethane	BBB. 4-Chlorotoluene	BBBB. tert-Amyl methyl ether	B1. Hexane	B2. n-Octane
C. Vinyl chloride	CC. Toluene	CCC. tert-Butylbenzene	CCCC. 1-Chlorohexane	C1. Heptane	C2. n-Propyl alcohol
D. Chloroethane	DD. Chlorobenzene	DDD. 1,2,4-Trimethylbenzene	DDDD. Isopropyl alcohol	D1. Propylene	D2. n-Pentane
E. Methylene chloride	EE. Ethylbenzene	EEE. sec-Butylbenzene	EEEE. Acetonitrile	E1. Freon 11	E2. n-Decane
F. Acetone	FF. Styrene	FFF. 1,3-Dichlorobenzene	FFFF. Acrolein	F1. Freon 12	F2. Chlorodifluoromethane
G. Carbon disulfide	GG. Xylenes, total	GGG. p-Isopropyltoluene	GGGG. Acrylonitrile	G1. Freon 113	G2. cis-Decahydronaphthalene
H. 1,1-Dichloroethene	HH. Vinyl acetate	HHH. 1,4-Dichlorobenzene	HHHH. 1,4-Dioxane	H1. Freon 114	H2. trans-Decahydronaphthalene
I. 1,1-Dichloroethane	II. 2-Chloroethylvinyl ether	III. n-Butylbenzene	IIII. Isobutyl alcohol	I1. 2-Nitropropane	I2. n-Nonane
J. 1,2-Dichloroethene, total	JJ. Dichlorodifluoromethane	JJJ. 1,2-Dichlorobenzene	JJJJ. Methacrylonitrile	J1. Dimethyl disulfide	J2. n-Undecane
K. Chloroform	KK. Trichlorofluoromethane	KKK. 1,2,4-Trichlorobenzene	KKKK. Propionitrile	K1. 2,3-Dimethyl pentane	K2. Chloroprene
L. 1,2-Dichloroethane	LL. Methyl-tert-butyl ether	LLL. Hexachlorobutadiene	LLLL. Ethyl ether	L1. 2,4-Dimethyl pentane	L2. n-Butanol
M. 2-Butanone	MM. 1,2-Dibromo-3-chloropropane	MMM. Naphthalene	MMMM. Benzyl chloride	M1. 3,3-Dimethyl pentane	M2. n-Butyl acetate
N. 1,1,1-Trichloroethane	NN. Methyl ethyl ketone	NNN. 1,2,3-Trichlorobenzene	NNNN. Iodomethane	N1. 2-Methylpentane	N2. Nitrobenzene
O. Carbon tetrachloride	OO. 2,2-Dichloropropane	OOO. 1,3,5-Trichlorobenzene	OOOO. 1,1-Difluoroethane	O1. 3-Methylpentane	O2. Methyl bromide
P. Bromodichloromethane	PP. Bromochloromethane	PPP. trans-1,2-Dichloroethene	PPPP. Tetrahydrofuran	P1. 3-Ethylpentane	P2. Methyl chloride
Q. 1,2-Dichloropropane	QQ. 1,1-Dichloropropene	QQQ. cis-1,2-Dichloroethene	QQQQ. Methyl acetate	Q1. 2,2-Dimethylpentane	Q2. Methyl iodide
R. cis-1,3-Dichloropropene	RR. Dibromomethane	RRR. m,p-Xylene	RRRR. Ethyl acetate	R1. 2,2,3- Trimethylbutane	R2. Methylene bromide
S. Trichloroethene	SS. 1,3-Dichloropropane	SSS. o-Xylene	SSSS. Cyclohexane	S1. 2,2,4-Trimethylpentane	S2. 1-Methylnaphthalene
T. Dibromochloromethane	TT. 1,2-Dibromoethane	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	TTTT. Methylcyclohexane	T1. 2-Methylhexane	T2. 3,3-Dimethyl-1-butanol
U. 1,1,2-Trichloroethane	UU. 1,1,1,2-Tetrachloroethane	UUU. 1,2-Dichlorotetrafluoroethane	UUUU. Allyl chloride	U1. Nonanal	U2. Bromoethane
V. Benzene	VV. Isopropylbenzene	VVV. 4-Ethyltoluene	VVVV. Methyl methacrylate	V1. 2-Methylnaphthalene	V2. Hexachloroethane
W. trans-1,3-Dichloropropene	WW. Bromobenzene	WWW. Ethanol	WWWW. Ethyl methacrylate	W1. Methanol	W2. Isobutanol
X. Bromoform	XX. 1,2,3-Trichloropropane	XXX. Di-isopropyl ether	XXXX. cis-1,4-Dichloro-2-butene	X1. 1,2,3-Trimethylbenzene	X2. Cyclohexanone
Y. 4-Methyl-2-pentanone	YY. n-Propylbenzene	YYY. tert-Butanol	YYYY. trans-1,4-Dichloro-2-butene	Y1. 2-Propanol	Y2.
Z. 2-Hexanone	ZZ. 2-Chlorotoluene	ZZZ. tert-Butyl alcohol	ZZZZ. Pentachloroethane	Z1. p-Diethylbenzene	Z2.

LDC #: 61609I

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of Compound
C_x = Concentration of compound
S= Standard deviation of the RRFs

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard
X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF 100 std)	Recalculated RRF (RRF 100 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL GCMS32	6/25/20	PDD	1.801	1.801	1.724	1.724	4.02	4.02

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF std)	Recalculated RRF (RRF std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL								

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (RRF std)	Recalculated RRF (RRF std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL								

LDC # 61609I

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: FT

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	CCV GCMS3c	7/14/16 1052	DDS)	1.724	1.557	1.557	9.7	9.7

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

LDC # 61609I

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: #1

	Surrogate Spiked (ug/L	Surrogate Found (ug/L	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane	50.0	50.86	102	102	0
1,2-Dichloroethane-d4		49.34	99	99	
Toluene-d8		50.30	101	101	
4-Bromofluorobenzene	↓	46.32	93	93	↓

LDC # 61609I

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added

LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: V3C8460 LCS ID

Compound	SA (ug/kg)		SSC (ug/kg)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
~~1,1-Dichloroethene~~ MMM	50	50	46.7	46.6	94	94	93	93	1	1
Trichloroethene DDD			46.5	46.6	93	93	93	93	0	0
~~Benzene~~										
~~Toluene~~										
~~Chlorobenzene~~										

LDC #: 61609 I

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GCMS 8260

Results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Final Conc = $\frac{\text{Conc} * Vp * DF}{VS}$

#1 DDD

Concentration = $\frac{(106855)(50)(5)}{(314965)(2.9)(1.724)(0.726)}$

$= 23.37$ ug/kg

Where:
- Ax = Area or height of the peak for the compound to be measured
- DF = Dilution factor
- CF = Calibration factor from continuing calibration curve
- Vs = Volume of sample extracted in milliters (mL)
- Vp = Purge Volume

2.9 g %S = 72.6

Sample #	Analyte	Calculated Concentration (ug/kg)	Reported Concentration (ug/kg)	% Diff
#1	DDD	23.37	23.4	0

Site:	60 Alexander Street, Yonkers, NY
Laboratory:	SGS North America, Inc., Dayton, NJ
SDG:	JE16257
Reviewer:	Felomina Tanguilig and Pei Geng/Laboratory Data Consultants for P.W. Grosser Consulting - Bohemia, NY
Date:	October 10, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
SSSV001	JE16257-3	VOC
SSSV001DUP	JE16257-3DUP	VOC

Associated QC Samples(s):

Field/Trip Blanks:	None Associated
Field Duplicate pair:	None Associated

The above-listed air sample was collected on July 30, 2025 and was analyzed for volatile organic compounds (VOC) by method TO-15. The data validation was performed in accordance with USEPA Region 2 *Analysis of Volatile Organic Compounds in Air Contained Canisters*, SOP HW-31, Revision 6 (September 2016) and the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review,* EPA 540-R-20-005 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The organic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Initial and Continuing Calibrations
- Blank Analysis Results
- Surrogate Recoveries
- Laboratory Duplicate Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Target Analyte Identification

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to sample matrix or laboratory quality control outliers with the exceptions listed below.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

GC/MS Tunes

All criteria were met.

Initial and Continuing Calibrations

All criteria were met.

Blanks

Contamination was not detected in the method blanks.

A field blank was not associated with this sample set. Validation action was not required on this basis.

Surrogate Recoveries

All criteria were met.

Laboratory Duplicate Results

All criteria were met.

LCS Results

All criteria were met.

Internal Standards

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Quantitation Limits and Data Assessment

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL) in the VOC analysis. These results were qualified as estimated (J) by the laboratory.

Sample Quantitation and Target Analyte Identification

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

JN - The analysis indicates the presence of an analyte that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SSSV001		
Lab Sample ID:	JE16257-3	**Date Sampled:**	07/30/25
Matrix:	AIR - Soil Vapor Comp. Summa ID: A2003	**Date Received:**	07/30/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W69515.D	1	08/05/25 22:10	TCH	n/a	n/a	V2W3163
Run #2							

	Initial Volume
Run #1	400 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	5.4	0.20	0.15	ppbv		13	0.48	0.36	ug/m3
106-99-0	54.09	1,3-Butadiene	ND U	0.20	0.084	ppbv		ND	0.44	0.19	ug/m3
71-43-2	78.11	Benzene	0.12 J	0.20	0.047	ppbv	J	0.38	0.64	0.15	ug/m3
75-27-4	163.8	Bromodichloromethane	ND U	0.10	0.030	ppbv		ND	0.67	0.20	ug/m3
75-25-2	252.8	Bromoform	ND	0.040	0.071	ppbv		ND	0.41	0.73	ug/m3
74-83-9	94.94	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	0.27	ug/m3
593-60-2	106.9	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	0.27	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.50	0.13	ppbv		ND	2.6	0.67	ug/m3
75-15-0	76.14	Carbon disulfide	0.15 J	0.20	0.11	ppbv	J	0.47	0.62	0.34	ug/m3
108-90-7	112.6	Chlorobenzene	ND U	0.20	0.074	ppbv		ND	0.92	0.34	ug/m3
75-00-3	64.52	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	0.18	ug/m3
67-66-3	119.4	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	0.18	ug/m3
74-87-3	50.49	Chloromethane	0.17 J	0.20	0.090	ppbv	J	0.35	0.41	0.19	ug/m3
107-05-1	76.53	3-Chloropropene	ND U	0.20	0.083	ppbv		ND	0.63	0.26	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	0.37	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.040	0.040	ppbv		ND	0.25	0.25	ug/m3
110-82-7	84.16	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	0.15	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	0.23	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.040	0.059	ppbv		ND	0.16	0.23	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.10	0.030	ppbv		ND	0.77	0.23	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	0.28	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	0.29	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	0.17	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.41	0.20	0.10	ppbv		2.0	0.99	0.49	ug/m3
124-48-1	208.3	Dibromochloromethane	ND U	0.10	0.12	ppbv		ND	0.85	1.0	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.20	0.069	ppbv		ND	0.79	0.27	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.040	0.030	ppbv		ND	0.16	0.12	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	0.28	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.10	0.028	ppbv		ND	0.60	0.17	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.040	0.069	ppbv		ND	0.24	0.41	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.10	0.079	ppbv		ND	0.60	0.47	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	0.45	ug/m3

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

Report of Analysis

Client Sample ID:	SSSV001		
Lab Sample ID:	JE16257-3	**Date Sampled:**	07/30/25
Matrix:	AIR - Soil Vapor Comp. Summa ID: A2003	**Date Received:**	07/30/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

4.3.4

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	1.1	0.50	0.39	ppbv		2.1	0.94	0.73	ug/m3
100-41-4	106.2	Ethylbenzene	0.14 J	0.20	0.061	ppbv	J	0.61	0.87	0.26	ug/m3
141-78-6	88	Ethyl Acetate	3.7	0.20	0.10	ppbv		13	0.72	0.36	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND U	0.20	0.095	ppbv		ND	0.98	0.47	ug/m3
76-13-1	187.4	Freon 113	ND	0.10	0.031	ppbv		ND	0.77	0.24	ug/m3
76-14-2	170.9	Freon 114	ND	0.10	0.050	ppbv		ND	0.70	0.35	ug/m3
142-82-5	100.2	Heptane	ND	0.20	0.091	ppbv		ND	0.82	0.37	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.090	0.062	ppbv		ND	0.96	0.66	ug/m3
110-54-3	86.18	Hexane	0.26	0.20	0.052	ppbv		0.92	0.70	0.18	ug/m3
591-78-6	100	2-Hexanone	ND U	0.20	0.15	ppbv		ND	0.82	0.61	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.40	0.20	0.14	ppbv		0.98	0.49	0.34	ug/m3
75-09-2	84.94	Methylene chloride	0.48	0.20	0.13	ppbv		1.7	0.69	0.45	ug/m3
78-93-3	72.11	Methyl ethyl ketone	0.59	0.20	0.052	ppbv		1.7	0.59	0.15	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND U	0.20	0.073	ppbv		ND	0.82	0.30	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	0.29	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	0.29	ug/m3
115-07-1	42	Propylene	ND	0.50	0.048	ppbv		ND	0.86	0.082	ug/m3
100-42-5	104.1	Styrene	ND	0.20	0.053	ppbv		ND	0.85	0.23	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.10	0.078	ppbv		ND	0.55	0.43	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.10	0.048	ppbv		ND	0.69	0.33	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.10	0.038	ppbv		ND	0.55	0.21	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.10	0.12	ppbv		ND	0.74	0.89	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	0.43	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	0.39	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.20	0.040	ppbv		ND	0.93	0.19	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.59	0.20	0.093	ppbv		1.8	0.61	0.28	ug/m3
127-18-4	165.8	Tetrachloroethylene	2.6	0.040	0.030	ppbv		18	0.27	0.20	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND U	0.20	0.090	ppbv		ND	0.59	0.27	ug/m3
108-88-3	92.14	Toluene	0.31	0.20	0.057	ppbv		1.2	0.75	0.21	ug/m3
79-01-6	131.4	Trichloroethylene	0.053	0.040	0.019	ppbv		0.28	0.21	0.10	ug/m3
75-69-4	137.4	Trichlorofluoromethane	0.28	0.10	0.057	ppbv		1.6	0.56	0.32	ug/m3
75-01-4	62.5	Vinyl chloride	ND U	0.040	0.069	ppbv		ND	0.10	0.18	ug/m3
108-05-4	86	Vinyl Acetate	0.37	0.20	0.11	ppbv		1.3	0.70	0.39	ug/m3
	106.2	m,p-Xylene	0.73	0.20	0.14	ppbv		3.2	0.87	0.61	ug/m3
95-47-6	106.2	o-Xylene	0.41	0.20	0.077	ppbv		1.8	0.87	0.33	ug/m3
1330-20-7	106.2	Xylenes (total)	1.1	0.20	0.077	ppbv		5.0	0.87	0.33	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	84%		65-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609J
SDG #: JE16257
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1
Reviewer: AF
2nd Reviewer:

Method: Volatiles (EPA TO-15)
TTO

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	%RSD ≤ 30 ICV ≤ 30
IV	Continuing Calibration	A	CCV ≤ 30/30
V	Laboratory Blanks/Canister Blanks per batch	A/A	
VI	Field Blank	N	
VII	Surrogate Spikes	A	
VIII	Laboratory Duplicate	A	
IX	Laboratory Control Sample	A	LCS/D
X	Field Duplicate	N	
XI	Internal standards	A	
XII	Target Analyte Quantitation	A	
XIII	Target Analyte Identification	A	Result < RL > MDL = J det
XIV	Leak Check Compound	N	
XV	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = Not detected; NQ = Not qualified; FD = Field duplicate; FT = Field triplicate; TB = Trip blank; FB = Field blank; AB= Ambient blank; SB = Source blank; EB = Equipment blank; R = Rinsate

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SSSV001	JE16257-3		Air	07/30/2025	Category B
2	SSSV001DUP	JE16257-3DUP		Air	07/30/2025	Category B

Notes:

V2W3163		

Method: Volatiles (EPA Method TO-15)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was canister pressure criteria met?	✓			
II. GC/MS Instrument performance check				
Were the BFB performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 24 hour clock criteria?	✓			
IIIa. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 30%?	✓			
IIIb. Initial calibration verification				
Was an initial calibration verification standard analyzed after every ICAL for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 24 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?	✓			
V. Laboratory Blanks/Canister Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 24 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
Was a canister blank analyzed for every canister?	✓			
Was there contamination in the canister blanks?		✓		
VI. Field Blanks				
Were field blanks identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes (Optional)				
Were all surrogate percent recoveries (%R) within QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?				✓
VIII. Laboratory Duplicate				
Was a laboratory duplicate analyzed for this SDG?	✓			
Were the relative percent differences (RPD) within the QC limits?	✓			

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per analytical batch for this SDG?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within ± 40% from the associated calibration standard?	✓			
Were retention times within ± 20.0 seconds from the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. System performance				
System performance was found to be acceptable.	✓			
XV. Leak check compounds				
Was a leak check compound used to evaluate sample integrity and included in the laboratory analyte list?			✓	
Was the leak check compound detected in the samples? If yes, please see leak check validation findings worksheet.			✓	
XV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

TARGET COMPOUND WORKSHEET

METHOD: VOA

A. Chloromethane	AA. Tetrachloroethene	AAA. 1,3,5-Trimethylbenzene	AAAA. Ethyl tert-butyl ether	A1. 1,3-Butadiene	A2. 1,2,4,5-Tetramethylbenzene
B. Bromomethane	BB. 1,1,2,2-Tetrachloroethane	BBB. 4-Chlorotoluene	BBBB. tert-Amyl methyl ether	B1. Hexane	B2. n-Octane
C. Vinyl choride	CC. Toluene	CCC. tert-Butylbenzene	CCCC. 1-Chlorohexane	C1. Heptane	C2. n-Propyl alcohol
D. Chloroethane	DD. Chlorobenzene	DDD. 1,2,4-Trimethylbenzene	DDDD. Isopropyl alcohol	D1. Propylene	D2. n-Pentane
E. Methylene chloride	EE. Ethylbenzene	EEE. sec-Butylbenzene	EEEE. Acetonitrile	E1. Freon 11	E2. n-Decane
F. Acetone	FF. Styrene	FFF. 1,3-Dichlorobenzene	FFFF. Acrolein	F1. Freon 12	F2. Chlorodifluoromethane
G. Carbon disulfide	GG. Xylenes, total	GGG. p-Isopropyltoluene	GGGG. Acrylonitrile	G1. Freon 113	G2. cis-Decahydronaphthalene
H. 1,1-Dichloroethene	HH. Vinyl acetate	HHH. 1,4-Dichlorobenzene	HHHH. 1,4-Dioxane	H1. Freon 114	H2. trans-Decahydronaphthalene
I. 1,1-Dichloroethane	II. 2-Chloroethylvinyl ether	III. n-Butylbenzene	IIII. Isobutyl alcohol	I1. 2-Nitropropane	I2. n-Nonane
J. 1,2-Dichloroethene, total	JJ. Dichlorodifluoromethane	JJJ. 1,2-Dichlorobenzene	JJJJ. Methacrylonitrile	J1. Dimethyl disulfide	J2. n-Undecane
K. Chloroform	KK. Trichlorofluoromethane	KKK. 1,2,4-Trichlorobenzene	KKKK. Propionitrile	K1. 2,3-Dimethyl pentane	K2. Chloroprene
L. 1,2-Dichloroethane	LL. Methyl-tert-butyl ether	LLL. Hexachlorobutadiene	LLLL. Ethyl ether	L1. 2,4-Dimethyl pentane	L2. n-Butanol
M. 2-Butanone	MM. 1,2-Dibromo-3-chloropropane	MMM. Naphthalene	MMMM. Benzyl chloride	M1. 3,3-Dimethyl pentane	M2. n-Butyl acetate
N. 1,1,1-Trichloroethane	NN. Methyl ethyl ketone	NNN. 1,2,3-Trichlorobenzene	NNNN. Iodomethane	N1. 2-Methylpentane	N2. Nitrobenzene
O. Carbon tetrachloride	OO. 2,2-Dichloropropane	OOO. 1,3,5-Trichlorobenzene	OOOO. 1,1-Difluoroethane	O1. 3-Methylpentane	O2. Methyl bromide
P. Bromodichloromethane	PP. Bromochloromethane	PPP. trans-1,2-Dichloroethene	PPPP. Tetrahydrofuran	P1. 3-Ethylpentane	P2. Methyl chloride
Q. 1,2-Dichloropropane	QQ. 1,1-Dichloropropene	QQQ. cis-1,2-Dichloroethene	QQQQ. Methyl acetate	Q1. 2,2-Dimethylpentane	Q2. Methyl iodide
R. cis-1,3-Dichloropropene	RR. Dibromomethane	RRR. m,p-Xylene	RRRR. Ethyl acetate	R1. 2,2,3- Trimethylbutane	R2. Methylene bromide
S. Trichloroethene	SS. 1,3-Dichloropropane	SSS. o-Xylene	SSSS. Cyclohexane	S1. 2,2,4-Trimethylpentane	S2.
T. Dibromochloromethane	TT. 1,2-Dibromoethane	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	TTTT. Methylcyclohexane	T1. 2-Methylhexane	T2.
U. 1,1,2-Trichloroethane	UU. 1,1,1,2-Tetrachloroethane	UUU. 1,2-Dichlorotetrafluoroethane	UUUU. Allyl chloride	U1. Nonanal	U2.
V. Benzene	VV. Isopropylbenzene	VVV. 4-Ethyltoluene	VVVV. Methyl methacrylate	V1. 2-Methylnaphthalene	V2.
W. trans-1,3-Dichloropropene	WW. Bromobenzene	WWW. Ethanol	WWWW. Ethyl methacrylate	W1. Methanol	W2.
X. Bromoform	XX. 1,2,3-Trichloropropane	XXX. Di-isopropyl ether	XXXX. cis-1,4-Dichloro-2-butene	X1. 1,2,3-Trimethylbenzene	X2.
Y. 4-Methyl-2-pentanone	YY. n-Propylbenzene	YYY. tert-Butanol	YYYY. trans-1,4-Dichloro-2-butene	Y1. 2-Propanol	Y2.
Z. 2-Hexanone	ZZ. 2-Chlorotoluene	ZZZ. tert-Butyl alcohol	ZZZZ. Pentachloroethane	Z1. p-Diethylbenzene	Z2.

LDC # 61609J

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: FT

METHOD: GC/MS VOA (EPA Method TO15)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: #1

Surrogate	Surrogate Spiked (ug/L)	Surrogate Found (ug/L)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
1,2-Dichloroethane-d4					
Toluene-d8					
4-Bromofluorobenzene	10	8.43	84	84	0

LDC #: 61609J

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: ____FT___

METHOD: GCMS TO-15

The calibration factors (RRFF), average RRFF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

RRF = (Ax)(Cis)/(Ais)(Cx)
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

Where:

Ax = Area of compound
Cx = Concentration of compound
S = Standard deviation of the RRFs
X = Mean of the RRFs
Ais = Area of associated internal standard
Cis = Concentration of internal Standard

#	Standard ID	Calibration Date	Compound	Reported (RRF10ppbv std)	Recalculated (RRF10ppbv std)	Reported AverageRRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
	ICAL	7/8/2025	V 1st	4.326	4.326	4.460	4.460	5.67	5.67
	GCMS2W		CC 2nd	1.036	1.036	1.075	1.075	3.19	3.19
			EE 3rd	1.419	1.419	1.435	1.435	3.76	3.76
			BB	0.842	0.842	0.835	0.835	3.99	3.99

LDC # 61609J

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: FT

METHOD: GC/MS VOA (EPA Method TO15)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound,
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

GCMS2W

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported % D	Recalculated %D
1	CCV - V2W3163 + CC3144	8/5/25 1119 8/6/25 0605	Y	4.460	4.043	4.043	9.3	9.3
			DC	1.075	1.008	1.008	6.2	6.2
			EE	1.435	1.342	1.342	6.5	6.5
			BB	0.835	0.808	0.808	3.2	3.2

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported % D	Recalculated %D
1								

LDC # 61609 J

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS VOA (EPA Method TO15)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: V2W3163-LCS1D

Compound	SA (ppbv)		SSC (ppbv)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1,1-Dichloroethene	10.7	10.7	10.9	10.8	102	102	101	101	1	1
Trichloroethene	9.9	9.9	9.4	9.3	95	95	94	94	1	1
Benzene	10.4	10.4	9.6	9.6	92	92	92	92	0	0
Toluene	10.6	10.6	10.2	10.2	96	96	96	96	0	0
Chlorobenzene	10.9	10.9	10.3	10.3	94	94	94	94	0	0

LDC #: 61609J

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: TO15

Results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Final Conc = $\frac{\text{Conc} * Vp * DF}{VS}$

#1 √

Concentration = $\frac{(9135)(10.0)(78.11)}{(176133)(4.460)(24.45)}$

= 0.3715 ug/m3

Where:

Ax = Area or height of the peak for the compound to be measured
DF = Dilution factor
CF = Calibration factor from continuing calibration curve
Vs = Volume of sample extracted in milliters (mL)
Vp = Purge Volume

2W 69515

Sample #	Analyte	Calculated Concentration ( )	Reported Concentration (ppbv / ug/m3	% Diff
#1	√	0.11629 ppbv 0.3715 ug/m3	0.12 ppbv 0.38 ug/m3	
		ppbv = $\frac{(9135)(10.0)(24.45)}{(176133)(4.460)}$		
		= 0.11629 ppbv		

Site:	60 Alexander Street, Yonkers, NY
Laboratory:	SGS North America, Inc., Dayton, NJ
SDG:	JE16257R
Reviewer:	Felomina Tanguilig and Pei Geng/Laboratory Data Consultants for P.W. Grosser Consulting - Bohemia, NY
Date:	October 10, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
SSSV003	JE16257-6R	Naphthalene

Associated QC Samples(s):

Field/Trip Blanks:	None Associated
Field Duplicate pair:	None Associated

The above-listed air sample was collected on July 30, 2025 and was analyzed for volatile organic compounds (VOC) by method TO-15. The data validation was performed in accordance with USEPA Region 2 *Analysis of Volatile Organic Compounds in Air Contained Canisters*, SOP HW-31, Revision 6 (September 2016) and the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review,* EPA 540-R-20-005 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The organic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Initial and Continuing Calibrations
- Blank Analysis Results
- Surrogate Recoveries
- Laboratory Duplicate Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Target Analyte Identification

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to sample matrix or laboratory quality control outliers with the exceptions listed below.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

GC/MS Tunes

All criteria were met.

Initial and Continuing Calibrations

All criteria were met.

Blanks

Contamination was not detected in the method blanks.

A field blank was not associated with this sample set. Validation action was not required on this basis.

Surrogate Recoveries

All criteria were met.

Laboratory Duplicate Results

All criteria were met.

LCS Results

All criteria were met.

Internal Standards

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Quantitation Limits and Data Assessment

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL) in the naphthalene analysis. These results were qualified as estimated (J) by the laboratory.

Due to high target analyte levels or difficult sample matrix, select samples were analyzed at dilutions. The following table lists the sample dilutions which were performed and the results reported. RLs were elevated accordingly.

Sample	Naphthalene Analysis Reported
SSSV003	55.2-fold dilution due to nature of sample matrix

Sample Quantitation and Target Analyte Identification

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

JN - The analysis indicates the presence of an analyte that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SSSV003		
Lab Sample ID:	JE16257-6R	**Date Sampled:**	07/30/25
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1800	**Date Received:**	07/30/25
Method:	TO-15	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2W69566R.D	1.38	08/07/25 15:06	TCH	n/a	n/a	V2W3165
Run #2							

	Initial Volume
Run #1	10.0 ml
Run #2	

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
91-20-3	128.17	Naphthalene	9.5 J	11	7.0	ppbv	J	50	58	37	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	82%		65-128%

PG

OCT 15 2025

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609K
SDG #: JE16257R
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1
Reviewer:
2nd Reviewer:

Method: Naphthalene (EPA TO-15)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/Δ	
II	GC/MS Instrument Performance Check	Δ	
III	Initial Calibration/ ICV	A/Δ	%D RSD ≤ 30 ICV ≤ 30
IV	Continuing Calibration	A	CCV ≤ 30
V	Laboratory Blanks/Canister Blanks per bath	A/Δ	
VI	Field Blank	N	
VII	Surrogate Spikes	Δ	
VIII	Laboratory Duplicate	Δ	JE16257-3DUP
IX	Laboratory Control Sample	Δ	LCS ID
X	Field Duplicate	N	
XI	Internal standards	Δ	
XII	Target Analyte Quantitation	Δ	
XIII	Target Analyte Identification	Δ	Result < RL > MDL = J or UJ
XIV	Leak Check Compound	N	
XV	Overall Assessment of Data	Δ	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SSSV003 ~~55.2~~ ~~1.38~~	JE16257-6R		Air	07/30/2025	Category B

Notes:

~~Y2W3163~~ Y2W3165		

LDC #: 61609K

VALIDATION FINDINGS CHECKLIST

Reviewer: FT

Method: Volatiles (EPA Method TO-15)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was canister pressure criteria met?	✓			
II. GC/MS Instrument performance check				
Were the BFB performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 24 hour clock criteria?	✓			
IIIa. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 30%?	✓			
IIIb. Initial calibration verification				
Was an initial calibration verification standard analyzed after every ICAL for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 24 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?	✓			
V. Laboratory Blanks/Canister Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 24 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
Was a canister blank analyzed for every canister?	✓			
Was there contamination in the canister blanks?		✓		
VI. Field Blanks				
Were field blanks identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VII. Surrogate spikes (Optional)				
Were all surrogate percent recoveries (%R) within QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?			✓	
VIII. Laboratory Duplicate				
Was a laboratory duplicate analyzed for this SDG?	✓			
Were the relative percent differences (RPD) within the QC limits?	✓			

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per analytical batch for this SDG?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within ± 40% from the associated calibration standard?	✓			
Were retention times within ± 20.0 seconds from the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. System performance				
System performance was found to be acceptable.	✓			
XV. Leak check compounds				
Was a leak check compound used to evaluate sample integrity and included in the laboratory analyte list?			✓	
Was the leak check compound detected in the samples? If yes, please see leak check validation findings worksheet.			✓	
XV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

TARGET COMPOUND WORKSHEET

METHOD: VOA

A. Chloromethane	AA. Tetrachloroethene	AAA. 1,3,5-Trimethylbenzene	AAAA. Ethyl tert-butyl ether	A1. 1,3-Butadiene	A2. 1,2,4,5-Tetramethylbenzene
B. Bromomethane	BB. 1,1,2,2-Tetrachloroethane	BBB. 4-Chlorotoluene	BBBB. tert-Amyl methyl ether	B1. Hexane	B2. n-Octane
C. Vinyl choride	CC. Toluene	CCC. tert-Butylbenzene	CCCC. 1-Chlorohexane	C1. Heptane	C2. n-Propyl alcohol
D. Chloroethane	DD. Chlorobenzene	DDD. 1,2,4-Trimethylbenzene	DDDD. Isopropyl alcohol	D1. Propylene	D2. n-Pentane
E. Methylene chloride	EE. Ethylbenzene	EEE. sec-Butylbenzene	EEEE. Acetonitrile	E1. Freon 11	E2. n-Decane
F. Acetone	FF. Styrene	FFF. 1,3-Dichlorobenzene	FFFF. Acrolein	F1. Freon 12	F2. Chlorodifluoromethane
G. Carbon disulfide	GG. Xylenes, total	GGG. p-Isopropyltoluene	GGGG. Acrylonitrile	G1. Freon 113	G2. cis-Decahydronaphthalene
H. 1,1-Dichloroethene	HH. Vinyl acetate	HHH. 1,4-Dichlorobenzene	HHHH. 1,4-Dioxane	H1. Freon 114	H2. trans-Decahydronaphthalene
I. 1,1-Dichloroethane	II. 2-Chloroethylvinyl ether	III. n-Butylbenzene	IIII. Isobutyl alcohol	I1. 2-Nitropropane	I2. n-Nonane
J. 1,2-Dichloroethene, total	JJ. Dichlorodifluoromethane	JJJ. 1,2-Dichlorobenzene	JJJJ. Methacrylonitrile	J1. Dimethyl disulfide	J2. n-Undecane
K. Chloroform	KK. Trichlorofluoromethane	KKK. 1,2,4-Trichlorobenzene	KKKK. Propionitrile	K1. 2,3-Dimethyl pentane	K2. Chloroprene
L. 1,2-Dichloroethane	LL. Methyl-tert-butyl ether	LLL. Hexachlorobutadiene	LLLL. Ethyl ether	L1. 2,4-Dimethyl pentane	L2. n-Butanol
M. 2-Butanone	MM. 1,2-Dibromo-3-chloropropane	MMM. Naphthalene	MMMM. Benzyl chloride	M1. 3,3-Dimethyl pentane	M2. n-Butyl acetate
N. 1,1,1-Trichloroethane	NN. Methyl ethyl ketone	NNN. 1,2,3-Trichlorobenzene	NNNN. Iodomethane	N1. 2-Methylpentane	N2. Nitrobenzene
O. Carbon tetrachloride	OO. 2,2-Dichloropropane	OOO. 1,3,5-Trichlorobenzene	OOOO. 1,1-Difluoroethane	O1. 3-Methylpentane	O2. Methyl bromide
P. Bromodichloromethane	PP. Bromochloromethane	PPP. trans-1,2-Dichloroethene	PPPP. Tetrahydrofuran	P1. 3-Ethylpentane	P2. Methyl chloride
Q. 1,2-Dichloropropane	QQ. 1,1-Dichloropropene	QQQ. cis-1,2-Dichloroethene	QQQQ. Methyl acetate	Q1. 2,2-Dimethylpentane	Q2. Methyl iodide
R. cis-1,3-Dichloropropene	RR. Dibromomethane	RRR. m,p-Xylene	RRRR. Ethyl acetate	R1. 2,2,3- Trimethylbutane	R2. Methylene bromide
S. Trichloroethene	SS. 1,3-Dichloropropane	SSS. o-Xylene	SSSS. Cyclohexane	S1. 2,2,4-Trimethylpentane	S2.
T. Dibromochloromethane	TT. 1,2-Dibromoethane	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	TTTT. Methylcyclohexane	T1. 2-Methylhexane	T2.
U. 1,1,2-Trichloroethane	UU. 1,1,1,2-Tetrachloroethane	UUU. 1,2-Dichlorotetrafluoroethane	UUUU. Allyl chloride	U1. Nonanal	U2.
V. Benzene	VV. Isopropylbenzene	VVV. 4-Ethyltoluene	VVVV. Methyl methacrylate	V1. 2-Methylnaphthalene	V2.
W. trans-1,3-Dichloropropene	WW. Bromobenzene	WWW. Ethanol	WWWW. Ethyl methacrylate	W1. Methanol	W2.
X. Bromoform	XX. 1,2,3-Trichloropropane	XXX. Di-isopropyl ether	XXXX. cis-1,4-Dichloro-2-butene	X1. 1,2,3-Trimethylbenzene	X2.
Y. 4-Methyl-2-pentanone	YY. n-Propylbenzene	YYY. tert-Butanol	YYYY. trans-1,4-Dichloro-2-butene	Y1. 2-Propanol	Y2.
Z. 2-Hexanone	ZZ. 2-Chlorotoluene	ZZZ. tert-Butyl alcohol	ZZZZ. Pentachloroethane	Z1. p-Diethylbenzene	Z2.

LDC # 61609K

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: FT

METHOD: GC/MS VOA (EPA Method TO15)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

RRF = $(A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of Compound
C_x = Concentration of compound,
S= Standard deviation of the RRFs,

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard
X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (STD 10)	Recalculated RRF (STD 10)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL		MMM	2.091	2.091	1.995	1.995	7.09	7.09

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF (STD 10)	Recalculated RRF (STD 10)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL								

LDC # 61609K

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: FT

METHOD: GC/MS VOA (EPA Method TO15)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound,
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported % D	Recalculated %D
1	CCV	8/7/15 1053	MMM	1.995	1.718	1.718	13.9	13.9

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported % D	Recalculated %D
1								

LDC # 61609K

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: FT

METHOD: GC/MS VOA (EPA Method TO15)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: #1

Surrogate	Surrogate Spiked (ug/L)	Surrogate Found (ug/L)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
1,2-Dichloroethane-d4					
Toluene-d8					
4-Bromofluorobenzene	10	8.25	82	82	0

LDC # 61609K

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS VOA (EPA Method TO15)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: V2W3165 LCS 1D

Compound	SA (ppbv)		SSC (ppbv)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
~~1,1 Dichloroethene~~ MM4	11.8	11.8	11.0	11.2	93	93	95	95	2	2
Trichloroethene										
Benzene										
Toluene										
~~Chlorobenzene~~										

LDC #: 61609K

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: TO15

Results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Final Conc = $\frac{\text{Conc} * Vp * DF}{VS}$

#1 MMM

Concentration = $\frac{(28838)(10)(1.38)(400)}{(838209)(1.995)(10}$

= 9.52 ppbV

Where:

Ax = Area or height of the peak for the compound to be measured
DF = Dilution factor
CF = Calibration factor from continuing calibration curve
Vs = Volume of sample extracted in milliters (mL)
Vp = Purge Volume

Sample #	Analyte	Calculated Concentration ( )	Reported Concentration ( )	% Diff
#1	MMM	9.52 ppbV 49.9 ug/m3	9.5 ppbV 50 ug/m3	0 0
		$\frac{ug}{m^3} = \frac{(9.52)(128.1705)}{24.45} = 49.90$		

Site:	60 Alexander Street, Yonkers, NY
Laboratory:	SGS North America, Inc., Dayton, NJ
SDG:	JE16259
Reviewer:	Felomina Tanguilig, Josephine Go, and Pei Geng/Laboratory Data Consultants for P.W. Grosser Consulting - Bohemia, NY
Date:	October 10, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
MW005	JE16259-5	VOC, SVOC, 1,4-Dioxane, Pesticide, PCB, PFAS
MW005MS	JE16259-5MS	VOC, SVOC, 1,4-Dioxane, Pesticide, PCB, PFAS
MW005MSD	JE16259-5MSD	VOC, SVOC, 1,4-Dioxane, Pesticide, PCB, PFAS

Associated QC Samples(s):

Field/Trip Blanks: TRIP BLANK and EQUIPMENT BLANK
Field Duplicate pair: None Associated

The above-listed water sample was collected on July 30, 2025 and was analyzed for volatile organic compounds (VOC) by SW-846 method 8260D, semivolatile organic compounds (SVOC) by SW-846 methods 8270E, 1,4-dioxane by SW-846 method 8270E in SIM mode, chlorinated pesticides by SW-846 method 8081B, polychlorinated biphenyls (PCB) by SW-846 method 8082A, and perfluoroalkyl and polyfluoroalkyl substances (PFAS) by method 1633. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for Validating Volatile Organic Compounds By Gas Chromatography/Mass Spectrometry,* SOP HW-24, Revision 4 (October 2014), the USEPA Region 2 *Standard Operating Procedure for Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270E,* SOP HW-22, Revision 5 (December 2010), the USEPA Region 2 *Standard Operating Procedure for Validating Pesticide Compounds, Organochlorine Pesticides by Gas Chromatography SW-846 Method 8081B,* SOP HW-44, Revision 1.1 (December 2010), the USEPA Region 2 *Standard Operating Procedure for Validating PCB Compounds, PCBs by Gas Chromatography SW-846 Method 8082A,* SOP HW-45, Revision 1 (October 2006), the Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) under NYSDEC's Part 375 Remedial Programs (April 2023), and the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review,* EPA 540-R-20-005 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The organic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- GC/Electron Capture Detector (GC/ECD) Instrument Performance Checks
- Liquid Chromatography/Mass Spectrometry (LC/MS) Tunes
- Initial and Continuing Calibrations
- Blank Analysis Results
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Target Analyte Identification

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to sample matrix or laboratory quality control outliers with the exceptions listed below.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

GC/MS Tunes

VOC, SVOC, 1,4-Dioxane

All criteria were met.

GC/ECD Instrument Performance Checks

Pesticide, PCB

All criteria were met.

LC/MS Instrument Performance Check

PFAS

All criteria were met.

Initial and Continuing Calibrations

SVOC

Initial calibration:

For analytes where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 20.0%.

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
08/07/25	CCV-GCMS2M	2-Nitrophenol	21.5	MW005	UJ (all non-detects)
		2,4-Dichlorophenol	21.7		UJ (all non-detects)
		Bis(2-ethylhexyl)phthalate	21.8		UJ (all non-detects)

All of the continuing calibration relative response factors (RRF) were within validation criteria.

VOC, 1,4-Dioxane, Pesticide, PCB, PFAS

All criteria were met.

Blanks

VOC

Contamination was detected in the associated VOC method blank samples. The presence of blank contamination indicates that false positives may exist for these analytes in the associated samples.

Action Levels (ALs) were established at <2x RL (for common contaminants) and <RL (for other contaminants) of the concentrations detected. The following table summarizes the contamination detected.

Blank ID	Analyte	Level Detected	Action Level	Associated Samples
V2U2768-MB	1,2,3-Trichlorobenzene	0.54	RL	MW005

Sample results were qualified as follows:

- If sample concentration was < the reporting limit (RL) and ≤ the Action Level, qualify the result as a nondetect (U) at the RL.
- If sample concentration was > the RL and ≤ the Action Level, qualify the result as not detected (U) at the reported concentration.
- If the sample concentration was > the RL and > the Action Level, qualification of the data was not required.

No samples were qualified since the associated sample results were nondetect or greater than the action level.

No positive results were found in the trip blank sample TRIP BLANK and in the equipment blank sample EQUIPMENT BLANK for VOC analysis.

SVOC, 1,4-Dioxane, Pesticide, PCB, PFAS

Contamination was not detected in the method blanks.

No positive results were found in the equipment blank sample EQUIPMENT BLANK for SVOC, 1,4-Dioxane, Pesticide, PCB, and PFAS analyses.

Surrogate Recoveries

VOC, SVOC, 1,4-Dioxane, Pesticide, PCB

All criteria were met.

MS/MSD Results

VOC

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Analyte	MS %R	MSD %R	Limits	Validation Action
MW005MS/MSD (MW005)	Isopropylbenzene	-	128	71-126	J (all detects)

No data were qualified due to high %Rs when the associated results were non-detected.

Relative percent differences (RPD) were within QC limits.

PFAS

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. For MW005MS/MSD, no data were qualified for perfluorooctanesulfonic acid percent recoveries (%R) outside the QC limits since the parent sample results were greater than 4X the spike concentration. Relative percent differences (RPD) were within QC limits.

SVOC, 1,4-Dioxane, Pesticide, PCB

All criteria were met.

LCS Results

All criteria were met.

Internal Standards

VOC, SVOC, 1,4-Dioxane, Pesticide, PFAS

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Quantitation Limits and Data Assessment

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL) in the VOC, SVOC, 1,4-Dioxane, and PFAS analyses. These results were qualified as estimated (J) by the laboratory.

No results were reported below the RL and above the MDL in the pesticide and PCB analyses.

Sample Quantitation and Target Analyte Identification

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

JN - The analysis indicates the presence of an analyte that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2U78752.D	1	08/04/25 12:14	NW	n/a	n/a	V2U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	6.1	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	17.3	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	20.6	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	36.5	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	0.61	1.0	0.49	ug/l	J
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	1.2	1.0	0.78	ug/l	
95-47-6	o-Xylene	0.80	1.0	0.59	ug/l	J
1330-20-7	Xylene (total)	2.0	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		80-120%
17060-07-0	1,2-Dichloroethane-D4	99%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-114%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609L
SDG #: JE16259
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

Method: Volatiles (EPA 8260D) +TIC

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/Δ	
II	GC/MS Instrument Performance Check	Δ	
III	Initial Calibration/ ICV	A/Δ	%RSD ≤ 20, r² ICV ≤ 30 CCV ≤ 20
IV	Continuing Calibration	Δ	
V	Laboratory Blanks	SW	
VI	Field Blank	ND	EB = EQUIPMENT BLANK
VII	Surrogate Spikes	Δ	TB = TRIP BLANK
VIII	Matrix Spike/Matrix Spike Duplicate	SW	
IX	Laboratory Control Sample	A	LCS
X	Field Duplicate	N	
XI	Internal standards	Δ	
XII	Target Analyte Quantitation	Δ	Result < RL > MDL = J (all)
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW005	JE16259-5		Water	07/30/2025	Category B
2	MW005MS	JE16259-5MS	MS	Water	07/30/2025	Category B
3	↓ MSD	↓ -5 MSD	MSD	↓	↓	↓

Notes:

V2U2768		

Method: Volatiles (EPA SW 846 Method 8260B)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS instrument performance check				
Were the BFB performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?				
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
Were all percent relative standard deviations (%RSD) ≤ 15% (20%) 15/30% and relative response factors (RRF) ≥ 0.05?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≥ 20% (30%)?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) ≥ 0.05?	✓			
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the Blanks validation findings worksheet.	✓			
VI. Field blanks				
Were field blanks were identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?		✓		

Method: Volatiles (EPA SW 846 Method 8260B)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per analytical batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

TARGET COMPOUND WORKSHEET

METHOD: VOA

A. Chloromethane	AA. Tetrachloroethene	AAA. 1,3,5-Trimethylbenzene	AAAA. Ethyl tert-butyl ether	A1. 1,3-Butadiene	A2. 1,2,4,5-Tetramethylbenzene
B. Bromomethane	BB. 1,1,2,2-Tetrachloroethane	BBB. 4-Chlorotoluene	BBBB. tert-Amyl methyl ether	B1. Hexane	B2. n-Octane
C. Vinyl chloride	CC. Toluene	CCC. tert-Butylbenzene	CCCC. 1-Chlorohexane	C1. Heptane	C2. n-Propyl alcohol
D. Chloroethane	DD. Chlorobenzene	DDD. 1,2,4-Trimethylbenzene	DDDD. Isopropyl alcohol	D1. Propylene	D2. n-Pentane
E. Methylene chloride	EE. Ethylbenzene	EEE. sec-Butylbenzene	EEEE. Acetonitrile	E1. Freon 11	E2. n-Decane
F. Acetone	FF. Styrene	FFF. 1,3-Dichlorobenzene	FFFF. Acrolein	F1. Freon 12	F2. Chlorodifluoromethane
G. Carbon disulfide	GG. Xylenes, total	GGG. p-Isopropyltoluene	GGGG. Acrylonitrile	G1. Freon 113	G2. cis-Decahydronaphthalene
H. 1,1-Dichloroethene	HH. Vinyl acetate	HHH. 1,4-Dichlorobenzene	HHHH. 1,4-Dioxane	H1. Freon 114	H2. trans-Decahydronaphthalene
I. 1,1-Dichloroethane	II. 2-Chloroethylvinyl ether	III. n-Butylbenzene	IIII. Isobutyl alcohol	I1. 2-Nitropropane	I2. n-Nonane
J. 1,2-Dichloroethene, total	JJ. Dichlorodifluoromethane	JJJ. 1,2-Dichlorobenzene	JJJJ. Methacrylonitrile	J1. Dimethyl disulfide	J2. n-Undecane
K. Chloroform	KK. Trichlorofluoromethane	KKK. 1,2,4-Trichlorobenzene	KKKK. Propionitrile	K1. 2,3-Dimethyl pentane	K2. Chloroprene
L. 1,2-Dichloroethane	LL. Methyl-tert-butyl ether	LLL. Hexachlorobutadiene	LLLL. Ethyl ether	L1. 2,4-Dimethyl pentane	L2. n-Butanol
M. 2-Butanone	MM. 1,2-Dibromo-3-chloropropane	MMM. Naphthalene	MMMM. Benzyl chloride	M1. 3,3-Dimethyl pentane	M2. n-Butyl acetate
N. 1,1,1-Trichloroethane	NN. Methyl ethyl ketone	NNN. 1,2,3-Trichlorobenzene	NNNN. Iodomethane	N1. 2-Methylpentane	N2. Nitrobenzene
O. Carbon tetrachloride	OO. 2,2-Dichloropropane	OOO. 1,3,5-Trichlorobenzene	OOOO. 1,1-Difluoroethane	O1. 3-Methylpentane	O2. Methyl bromide
P. Bromodichloromethane	PP. Bromochloromethane	PPP. trans-1,2-Dichloroethene	PPPP. Tetrahydrofuran	P1. 3-Ethylpentane	P2. Methyl chloride
Q. 1,2-Dichloropropane	QQ. 1,1-Dichloropropene	QQQ. cis-1,2-Dichloroethene	QQQQ. Methyl acetate	Q1. 2,2-Dimethylpentane	Q2. Methyl iodide
R. cis-1,3-Dichloropropene	RR. Dibromomethane	RRR. m,p-Xylene	RRRR. Ethyl acetate	R1. 2,2,3- Trimethylbutane	R2. Methylene bromide
S. Trichloroethene	SS. 1,3-Dichloropropane	SSS. o-Xylene	SSSS. Cyclohexane	S1. 2,2,4-Trimethylpentane	S2. 1-Methylnaphthalene
T. Dibromochloromethane	TT. 1,2-Dibromoethane	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	TTTT. Methylcyclohexane	T1. 2-Methylhexane	T2. 3,3-Dimethyl-1-butanol
U. 1,1,2-Trichloroethane	UU. 1,1,1,2-Tetrachloroethane	UUU. 1,2-Dichlorotetrafluoroethane	UUUU. Allyl chloride	U1. Nonanal	U2. Bromoethane
V. Benzene	VV. Isopropylbenzene	VVV. 4-Ethyltoluene	VVVV. Methyl methacrylate	V1. 2-Methylnaphthalene	V2. Hexachloroethane
W. trans-1,3-Dichloropropene	WW. Bromobenzene	WWW. Ethanol	WWWW. Ethyl methacrylate	W1. Methanol	W2. Isobutanol
X. Bromoform	XX. 1,2,3-Trichloropropane	XXX. Di-isopropyl ether	XXXX. cis-1,4-Dichloro-2-butene	X1. 1,2,3-Trimethylbenzene	X2. Cyclohexanone
Y. 4-Methyl-2-pentanone	YY. n-Propylbenzene	YYY. tert-Butanol	YYYY. trans-1,4-Dichloro-2-butene	Y1. 2-Propanol	Y2.
Z. 2-Hexanone	ZZ. 2-Chlorotoluene	ZZZ. tert-Butyl alcohol	ZZZZ. Pentachloroethane	Z1. p-Diethylbenzene	Z2.

LDC #: 61609L

VALIDATION FINDINGS WORKSHEET
Blanks

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)
Method blanks were performed at the required frequency and sequence.
No contaminants were found in the method blanks with the exceptions identified below.
Blank analysis date: 8/4/25 **Associated samples:** All (ND)
Conc. units: ug/L

Compound	Blank ID	Sample Identification							
	V2 42768-MB								
NNN	0.54								

Blank extraction date: _____ **Blank analysis date:** _____ **Associated samples:** _____
Conc. units: _____

Compound	Blank ID	Sample Identification							

LDC #: 61609L

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates

Reviewer: FZ

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample.

Percent recoveries (%R) and %RPD were within QC limits with the exceptions identified below.

MS/MSD ID	Analyte	MS %R	MSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
2 & 3	VV		128	71-126				J (all det.) / A

LDC #:61609L

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: ____FT____

METHOD: GCMS 8260D

The calibration factors (RRFF), average RRFF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

RRF = (Ax)(Cis)/(Ais)(Cx)
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

Where:
Ax = Area of compound
Cx = Concentration of compound
S = Standard deviation of the RRFs
X = Mean of the RRFs
Ais = Area of associated internal standard
Cis = Concentration of internal Standard

#	Standard ID	Calibration Date	Compound	Reported (RRF 20 ppb std)	Recalculated (RRF 20 ppb std)	Reported AverageRRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
	ICAL GCMS U	7/17/2025	QQQ	0.335	0.335	0.327	0.327	4.23	4.23
			V	0.754	0.754	0.373	0.373	3.39	3.39
			CC	0.543	0.543	0.527	0.527	6.47	6.47
			BB	0.575	0.575	0.560	0.560	7.45	7.45

LDC # 61609L

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: FT

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	ccv	8/4/21 0924	QQQ	0.327	0.314	0.316	3.4	3.4
			Y	0.373	0.721	0.721	2.2	2.2
			CC	0.527	0.515	0.515	2.3	2.3
			BB	0.560	0.524	0.524	6.4	6.4

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

LDC # 61609L

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample:

	Surrogate Spiked (ug/L	Surrogate Found (ug/L	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane	50.0	53.07	106	106	0
1,2-Dichloroethane-d4	↓	49.33	99	99	↓
Toluene-d8		50.71	101	101	
4-Bromofluorobenzene		49.26	99	99	

LDC # 61609L

VALIDATION FINDINGS WORKSHEET
MS/MSD Results Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

%Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked concentration, SA = Spike added, SC = Sample concentration

RPD = | MS - MSD | * 2/(MS + MSD)

MS = Matrix spike recovery, MSD = Matrix spike duplicate recovery

MS/MSD ID: 2 & 3

Compound	SA (ug/L)		SC (ug/L)	SSC (ug/L)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1,1-Dichloroethene	50	50	ND	56.4	59.5	113	113	119	119	5	5
Trichloroethene			↓	54.0	56.9	108	108	114	114	5	5
Benzene			6.1	58.2	61.8	104	104	111	111	6	6
Toluene			0.61	54.2	56.3	107	107	111	111	4	4
Chlorobenzene	↓	↓	ND	50.7	53.5	101	101	107	107	5	5

LDC # 61609L

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added

LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: Y242768-LCS

Compound	SA (ug/L)		SSC (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1,1-Dichloroethene	50	NA	57.4	NA	115	115				
Trichloroethene	↓	↓	53.2	↓	106	106				
Benzene			52.0		104	104				
Toluene			51.5		103	103				
Chlorobenzene	↓	↓	49.3	↓	99	99	NA			

LDC #: 61609L

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GCMS 8260

Results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Final Conc = Conc *Vp*DF
VS

#1 V

Where:
Ax = Area or height of the peak for the compound to be measured
DF = Dilution factor
CF = Calibration factor from continuing calibration curve
Vs = Volume of sample extracted in milliters (mL)
Vp = Purge Volume

$$\text{Concentration} = \frac{(35400)(50)}{(392580)(0.737)}$$

$$= 6.11755 \text{ ug/L}$$

Sample #	Analyte	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
#1	V	6.11755	6.1	J

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2M142616.D	1	08/07/25 22:22	AO	08/05/25 09:15	OP65950	E2M6461
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	4.0	0.37	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.0	0.53	ug/l	
120-83-2	2,4-Dichlorophenol [a]	ND	2.0	0.52	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.0	0.67	ug/l	
51-28-5	2,4-Dinitrophenol	ND	4.0	1.9	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	4.0	1.5	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.47	ug/l	
	3&4-Methylphenol	ND	2.0	1.5	ug/l	
88-75-5	2-Nitrophenol [a]	ND	4.0	0.40	ug/l	
100-02-7	4-Nitrophenol	ND	8.0	0.45	ug/l	
87-86-5	Pentachlorophenol	ND	4.0	1.2	ug/l	
108-95-2	Phenol	ND	2.0	0.26	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	4.0	0.64	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.0	0.49	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.0	0.59	ug/l	
83-32-9	Acenaphthene	0.89	1.0	0.61	ug/l	J
208-96-8	Acenaphthylene	ND	1.0	0.42	ug/l	
98-86-2	Acetophenone	ND	2.0	0.52	ug/l	
120-12-7	Anthracene	ND	1.0	0.56	ug/l	
1912-24-9	Atrazine	ND	2.0	0.72	ug/l	
100-52-7	Benzaldehyde	ND	4.0	0.44	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.51	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.63	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.57	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.64	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.48	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.55	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.86	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.59	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.43	ug/l	
106-47-8	4-Chloroaniline	ND	4.0	0.53	ug/l	
86-74-8	Carbazole	ND	1.0	0.58	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.0	0.35	ug/l	
218-01-9	Chrysene	ND	1.0	0.52	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.46	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.43	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.50	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.60	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.56	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	1.1	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.18	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.50	ug/l	
132-64-9	Dibenzofuran	ND	4.0	0.73	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.53	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	1.6	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.58	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.55	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate [a]	ND	2.0	1.3	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.58	ug/l	
86-73-7	Fluorene	ND	1.0	0.59	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.54	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.35	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	8.0	0.98	ug/l	
67-72-1	Hexachloroethane	ND	2.0	0.55	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.64	ug/l	
78-59-1	Isophorone	ND	2.0	0.39	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.64	ug/l	
88-74-4	2-Nitroaniline	ND	4.0	0.62	ug/l	
99-09-2	3-Nitroaniline	ND	4.0	0.64	ug/l	
100-01-6	4-Nitroaniline	ND	4.0	0.75	ug/l	
91-20-3	Naphthalene	ND	1.0	0.44	ug/l	
98-95-3	Nitrobenzene	ND	2.0	0.42	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	2.0	0.65	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.0	0.42	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.48	ug/l	
129-00-0	Pyrene	ND	1.0	0.50	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.48	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	46%		10-69%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609L
SDG #: JE16259
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1
Reviewer:
2nd Reviewer:

Method: Semivolatiles (EPA 8270E)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/Δ	
II	GC/MS Instrument Performance Check	Δ	
III	Initial Calibration/ ICV	Δ/Δ	%RSD ≤ 20, ICV ≤ 30
IV	Continuing Calibration	SW	CCV ≤ 20
V	Laboratory Blanks	Δ	
VI	Field Blank	ND	EB = EQUIPMENT BLANK
VII	Surrogate Spikes	Δ	
VIII	Matrix Spike/Matrix Spike Duplicate	Δ	
IX	Laboratory Control Sample	A	LCS
X	Field Duplicate	N	
XI	Internal standards	Δ	
XII	Target Analyte Quantitation	Δ	Result < RL > MD = Jdet
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	Δ	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW005	JE16259-5		Water	07/30/2025	Category B
2	MW005MS	JE16259-5MS	MS	Water	07/30/2025	Category B
3	MW005MSD	JE16259-5MSD	MSD	Water	07/30/2025	Category B

Notes:

OP69950		

LDC #: 61609L

VALIDATION FINDINGS CHECKLIST

Reviewer: FT

Method: Semivolatiles (EPA SW 846 Method 8270E)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS Instrument performance check				
Were the DFTPP performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
IIIa. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% 15/30% and relative response factors (RRF) within method criteria?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
IIIb. Initial Calibration Verification				
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If 2 or more base neutral or acid surrogates were outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recoveries (%R) was less than 10%, was a reanalysis performed to confirm %R ?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			

Validation Area	Yes	No	NA	Findings/Comments
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	✓			
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were compound quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?				
XV. Overall assessment of data			✓	
Overall assessment of data was found to be acceptable.	✓			

TARGET ANALYTE LIST

METHOD: GC/MS SVOC

A. Phenol	GG. Acenaphthene	MMM. Bis(2-Chloroisopropyl)ether	SSSS. 2/3-Dimethyldibenzothiophene	Y1. 3,3'-Dimethylbenzidine
B. Bis (2-chloroethyl) ether	HH. 2,4-Dinitrophenol	NNN. Aniline	TTTT. 1-Methyldibenzothiophene	Z1. o-Toluidine
C. 2-Chlorophenol	II. 4-Nitrophenol	OOO. N-Nitrosodimethylamine	UUUU.. 2,3,4,6-Tetrachlorophenol	A2. Benzo(j)fluoranthene
D. 1,3-Dichlorobenzene	JJ. Dibenzofuran	PPP. Benzoic Acid	VVVV. 1,2,4,5-Tetrachlorobenzene	B2. Benzofluoranthenes, total
E. 1,4-Dichlorobenzene	KK. 2,4-Dinitrotoluene	QQQ. Benzyl alcohol	WWWW.. 2-Picoline	C2. trans-Decalin
F. 1,2-Dichlorobenzene	LL. Diethylphthalate	RRR. Pyridine	XXXX. 3-Methylcholanthrene	D2. cis-Decalin
G. 2-Methylphenol	MM. 4-Chlorophenyl-phenyl ether	SSS. Benzidine	YYYY. a,a-Dimethylphenethylamine	E2. Dibenzo(a)anthracenes
H. 2,2'-Oxybis(1-chloropropane)	NN. Fluorene	TTT. 1-Methylnaphthalene	ZZZZ. Hexachloropropene	F2. Benzo(j)+(k)fluoranthene
I. 4-Methylphenol	OO. 4-Nitroaniline	UUU.Benzo(b)thiophene	A1. N-Nitrosodiethylamine	G2.
J. N-Nitroso-di-n-propylamine	PP. 4,6-Dinitro-2-methylphenol	VVV.Benzonaphthothiophene	B1. N-Nitrosodi-n-butylamine	H2.
K. Hexachloroethane	QQ. N-Nitrosodiphenylamine	WWW.Benzo(e)pyrene	C1. N-Nitrosomethylethylamine	I2.
L. Nitrobenzene	RR. 4-Bromophenyl-phenylether	XXX. 2,6-Dimethylnaphthalene	D1. N-Nitrosomorpholine	J2.
M. Isophorone	SS. Hexachlorobenzene	YYY. 2,3,5-Trimethylnaphthalene	E1. N-Nitrosopyrrolidine	K2.
N. 2-Nitrophenol	TT. Pentachlorophenol	ZZZ. Perylene	F1. Phenacetin	L2.
O. 2,4-Dimethylphenol	UU. Phenanthrene	AAAA. Dibenzothiophene	G1. 2-Acetylaminofluorene	M2.
P. Bis(2-chloroethoxy)methane	VV. Anthracene	BBBB. Benzo(a)fluoranthene	H1. Pronamide	N2.
Q. 2,4-Dichlorophenol	WW. Carbazole	CCCC. Benzo(b)fluorene	I1. Methyl methanesulfonate	O2.
R. 1,2,4-Trichlorobenzene	XX. Di-n-butylphthalate	DDDD. cis/trans-Decalin	J1. Ethyl methanesulfonate	P2.
S. Naphthalene	YY. Fluoranthene	EEEE. Biphenyl	K1. o,o',o''-Triethylphosphorothioate	Q2.
T. 4-Chloroaniline	ZZ. Pyrene	FFFF. Retene	L1. n-Phenylene diamine	R2.
U. Hexachlorobutadiene	AAA. Butylbenzylphthalate	GGGG. C30-Hopane	M1. 1,4-Naphthoquinone	S2.
V. 4-Chloro-3-methylphenol	BBB. 3,3'-Dichlorobenzidine	HHHH. 1-Methylphenanthrene	N1. N-Nitro-o-toluidine	T2.
W. 2-Methylnaphthalene	CCC. Benzo(a)anthracene	IIII. 1,4-Dioxane	O1. 1,3,5-Trinitrobenzene	U2.
X. Hexachlorocyclopentadiene	DDD. Chrysene	JJJJ. Acetophenone	P1. Pentachlorobenzene	V2..
Y. 2,4,6-Trichlorophenol	EEE. Bis(2-ethylhexyl)phthalate	KKKK. Atrazine	Q1. 4-Aminobiphenyl	W2
Z. 2,4,5-Trichlorophenol	FFF. Di-n-octylphthalate	LLLL. Benzaldehyde	R1. 2-Naphthylamine	X2..
AA. 2-Chloronaphthalene	GGG. Benzo(b)fluoranthene	MMMM. Caprolactam	S1. Triphenylene	Y2.
BB. 2-Nitroaniline	HHH. Benzo(k)fluoranthene	NNNN. 2,6-Dichlorophenol	T1. Octachlorostyrene	Z2.
CC. Dimethylphthalate	III. Benzo(a)pyrene	OOOO. 1,2-Diphenylhydrazine	U1. Famphur	
DD. Acenaphthylene	JJJ. Indeno(1,2,3-cd)pyrene	PPPP. 3-Methylphenol	V1. 1,4-phenylenediamine	
EE. 2,6-Dinitrotoluene	KKK. Dibenz(a,h)anthracene	QQQQ. 3&4-Methylphenol	W1. Methapyrilene	
FF. 3-Nitroaniline	LLL. Benzo(g,h,i)perylene	RRRR. 4-Dimethyldibenzothiophene	X1. Pentachloroethane	

LDC #: _ 61609L

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: ____FT_____

METHOD: GC/MS BNA (EPA SW 846 Method 8270 E)
Continuing calibration standards were analyzed at the required frequencies.
The retention times for all calibrated compounds were within their respective acceptance windows.
All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Compound	%D (Limit ≤ 20 %)	RRF (Limits)	Associated samples	Qualifications
	8/7/25	CCV-GCMS2M	N	21.5		All	J/UJ/A (ND)
	1314		Q	21.7		↓	↓
			EEE	21.8		↓	↓

	DOD	NFG	
%D	20%/50%	Method criteria	RRF: 0.05

LDC #: 61609L

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: FT

METHOD: GCMS 8270E

The calibration factors (RRFF), average RRFF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

RRF = (Ax)(Cis)/(Ais)(Cx)
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

Where:

Ax = Area of compound
Cx = Concentration of compound
S = Standard deviation of the RRFs
X = Mean of the RRFs
Ais = Area of associated internal standard
Cis = Concentration of internal Standard

#	Standard ID	Calibration Date	Compound	Reported (RRF 10ppm std)	Recalculated (RRF 10ppm std)	Reported AverageRRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
	ICAL GCMS2M	8/6/2025	A	2.020	2.020	1.866	1.866	11.37	11.37
			S	1.153	1.153	1.175	1.175	5.07	5.07
			GG	1.422	1.422	1.423	1.423	3.18	3.18
			UU	1.266	1.266	1.280	1.280	4.68	4.68
			DDD	1.358	1.358	1.360	1.360	3.04	3.04
			LLL	1.203	1.203	1.237	1.237	6.87	6.87

LDC # 61609L

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: FT

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 C)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal stanc
Cis = Concentration of internal standai

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	CCV	8/7/25 13:14	A	1.866	2.120	2.120	13.6	13.6
			S	1.175	1.178	1.178	0.3	0.3
			GG	1.423	1.421	1.421	0.1	0.1
			UU	1.280	1.285	1.285	0.4	0.4
			DDD	1.360	1.360	1.360	0.0	0.0
			LLL	1.237	1.189	1.189	3.9	3.9

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

LDC # 61609L

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 E)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: #1

Surrogate	Surrogate Spiked (ppm)	Surrogate Found (ppm)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Nitrobenzene-d5	10.0	8.56	86	86	0
2-Fluorobiphenyl		6.99	70	70	
Terphenyl-d14		5.94	59	59	
Phenol-d5		3.34	33	33	
2-Fluorophenol		4.57	46	46	
2,4,6-Tribromophenol		9.94	99	99	

LDC # 61609L

VALIDATION FINDINGS WORKSHEET
MS/MSD Results Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 C)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked concentration, SA = Spike added, SC = Sample concentration, MS = Matrix spike recovery, MSD = Matrix spike duplicate recovery

RPD = | MS - MSD | * 2/(MS + MSD)

Sample: 2 + 3

Compound	SA (ug/L)		SC (ug/L)	SSC (ug/L)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Phenol	40	40	ND	13.9	16.4	35	35	41	41	17	17
N-Nitroso-di-n-propylamine	↓	↓	↓	26.2	31.5	66	66	79	79	18	18
4-Chloro-3-methylphenol				28.9	35.1	72	72	88	88	19	19
Acenaphthene			0.89	23.4	27.4	56	56	66	66	16	16
Pentachlorophenol	80	80	ND	69.6	85.0	87	87	106	106	20	20
Pyrene	40	40	ND	25.6	31.5	64	64	79	79	21	21

LDC # 61609L

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 C)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS ID: OP65950 LCS

Compound	SA (ug/L)		SSC (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Phenol	40	NA	16.2	NA	41	41				
N-Nitroso-di-n-propylamine	↓		29.1		73	73				
4-Chloro-3-methylphenol			34.3		86	86				
Acenaphthene			26.9		67	67				
Pentachlorophenol	80		71.5		89	89				
Pyrene	40		29.6		74	74				

LDC #: 61609L

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GCMS 8270

Results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Final Conc = Conc *Vp*DF / VS

#1 GG

Where:

Ax = Area or height of the peak for the compound to be measured
DF = Dilution factor
CF = Calibration factor from continuing calibration curve
Vs = Volume of sample extracted in milliters (mL)
Vp = Purge Volume

$$\text{Concentration} = \frac{(40912)(8)(1)(1000)}{(103757)(1.423)(250)}$$

$= 0.8869$ ug/L

1/250

Sample #	Analyte	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
#1	GG	0.8869	0.89	0

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13418.D	1	08/07/25 19:07	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	0.201	0.30	0.20	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	75%		29-124%
321-60-8	2-Fluorobiphenyl	63%		23-122%
1718-51-0	Terphenyl-d14	54%		22-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609L
SDG #: JE16259
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1
Reviewer: EM
2nd Reviewer: CT

Method: 1,4-Dioxane (EPA 8270E SIM)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	20 %RSD ≤ ~~30~~ ICV ≤ 30 CCV ≤ 20
IV	Continuing Calibration	A	
V	Laboratory Blanks	A	
VI	Field Blank	ND	EB = EQUIPMENT BLANK
VII	Surrogate Spikes	A	
VIII	Matrix Spike/Matrix Spike Duplicate	A	
IX	Laboratory Control Sample	A	LCS
X	Field Duplicate	N	
XI	Internal standards	A	
XII	Target Analyte Quantitation	A	Result < RL > MDL = Jdi
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW005	JE16259-5		Water	07/30/2025	Category B
2	MW005MS	JE16259-5MS	MS	Water	07/30/2025	Category B
3	MW005MSD	JE16259-5MSD	MSD	Water	07/30/2025	Category B

Notes:

FCR644 (OP65950A)		

LDC #: 61609L

VALIDATION FINDINGS CHECKLIST

Reviewer: FT

Method: Semivolatiles (EPA SW 846 Method 8270E)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS Instrument performance check				
Were the DFTPP performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
IIIa. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% 15/30% and relative response factors (RRF) within method criteria?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?			✓	
IIIb. Initial Calibration Verification				
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?	✓			
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If 2 or more base neutral or acid surrogates were outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recoveries (%R) was less than 10%, was a reanalysis performed to confirm %R ?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			

Validation Area	Yes	No	NA	Findings/Comments
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	✓			
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were compound quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

TARGET ANALYTE LIST

METHOD: GC/MS SVOC

A. Phenol	GG. Acenaphthene	MMM. Bis(2-Chloroisopropyl)ether	SSSS. 2/3-Dimethyldibenzothiophene	Y1. 3,3'-Dimethylbenzidine
B. Bis (2-chloroethyl) ether	HH. 2,4-Dinitrophenol	NNN. Aniline	TTTT. 1-Methyldibenzothiophene	Z1. o-Toluidine
C. 2-Chlorophenol	II. 4-Nitrophenol	OOO. N-Nitrosodimethylamine	UUUU.. 2,3,4,6-Tetrachlorophenol	A2. Benzo(j)fluoranthene
D. 1,3-Dichlorobenzene	JJ. Dibenzofuran	PPP. Benzoic Acid	VVVV. 1,2,4,5-Tetrachlorobenzene	B2. Benzofluoranthenes, total
E. 1,4-Dichlorobenzene	KK. 2,4-Dinitrotoluene	QQQ. Benzyl alcohol	WWWW.. 2-Picoline	C2. trans-Decalin
F. 1,2-Dichlorobenzene	LL. Diethylphthalate	RRR. Pyridine	XXXX. 3-Methylcholanthrene	D2. cis-Decalin
G. 2-Methylphenol	MM. 4-Chlorophenyl-phenyl ether	SSS. Benzidine	YYYY. a,a-Dimethylphenethylamine	E2. Dibenzo(a)anthracenes
H. 2,2'-Oxybis(1-chloropropane)	NN. Fluorene	TTT. 1-Methylnaphthalene	ZZZZ. Hexachloropropene	F2. Benzo(j)+(k)fluoranthene
I. 4-Methylphenol	OO. 4-Nitroaniline	UUU.Benzo(b)thiophene	A1. N-Nitrosodiethylamine	G2.
J. N-Nitroso-di-n-propylamine	PP. 4,6-Dinitro-2-methylphenol	VVV.Benzonaphthothiophene	B1. N-Nitrosodi-n-butylamine	H2.
K. Hexachloroethane	QQ. N-Nitrosodiphenylamine	WWW.Benzo(e)pyrene	C1. N-Nitrosomethylethylamine	I2.
L. Nitrobenzene	RR. 4-Bromophenyl-phenylether	XXX. 2,6-Dimethylnaphthalene	D1. N-Nitrosomorpholine	J2.
M. Isophorone	SS. Hexachlorobenzene	YYY. 2,3,5-Trimethylnaphthalene	E1. N-Nitrosopyrrolidine	K2.
N. 2-Nitrophenol	TT. Pentachlorophenol	ZZZ. Perylene	F1. Phenacetin	L2.
O. 2,4-Dimethylphenol	UU. Phenanthrene	AAAA. Dibenzothiophene	G1. 2-Acetylaminofluorene	M2.
P. Bis(2-chloroethoxy)methane	VV. Anthracene	BBBB. Benzo(a)fluoranthene	H1. Pronamide	N2.
Q. 2,4-Dichlorophenol	WW. Carbazole	CCCC. Benzo(b)fluorene	I1. Methyl methanesulfonate	O2.
R. 1,2,4-Trichlorobenzene	XX. Di-n-butylphthalate	DDDD. cis/trans-Decalin	J1. Ethyl methanesulfonate	P2.
S. Naphthalene	YY. Fluoranthene	EEEE. Biphenyl	K1. o,o',o''-Triethylphosphorothioate	Q2.
T. 4-Chloroaniline	ZZ. Pyrene	FFFF. Retene	L1. n-Phenylene diamine	R2.
U. Hexachlorobutadiene	AAA. Butylbenzylphthalate	GGGG. C30-Hopane	M1. 1,4-Naphthoquinone	S2.
V. 4-Chloro-3-methylphenol	BBB. 3,3'-Dichlorobenzidine	HHHH. 1-Methylphenanthrene	N1. N-Nitro-o-toluidine	T2.
W. 2-Methylnaphthalene	CCC. Benzo(a)anthracene	IIII. 1,4-Dioxane	O1. 1,3,5-Trinitrobenzene	U2.
X. Hexachlorocyclopentadiene	DDD. Chrysene	JJJJ. Acetophenone	P1. Pentachlorobenzene	V2..
Y. 2,4,6-Trichlorophenol	EEE. Bis(2-ethylhexyl)phthalate	KKKK. Atrazine	Q1. 4-Aminobiphenyl	W2
Z. 2,4,5-Trichlorophenol	FFF. Di-n-octylphthalate	LLLL. Benzaldehyde	R1. 2-Naphthylamine	X2..
AA. 2-Chloronaphthalene	GGG. Benzo(b)fluoranthene	MMMM. Caprolactam	S1. Triphenylene	Y2.
BB. 2-Nitroaniline	HHH. Benzo(k)fluoranthene	NNNN. 2,6-Dichlorophenol	T1. Octachlorostyrene	Z2.
CC. Dimethylphthalate	III. Benzo(a)pyrene	OOOO. 1,2-Diphenylhydrazine	U1. Famphur	
DD. Acenaphthylene	JJJ. Indeno(1,2,3-cd)pyrene	PPPP. 3-Methylphenol	V1. 1,4-phenylenediamine	
EE. 2,6-Dinitrotoluene	KKK. Dibenz(a,h)anthracene	QQQQ. 3&4-Methylphenol	W1. Methapyrilene	
FF. 3-Nitroaniline	LLL. Benzo(g,h,i)perylene	RRRR. 4-Dimethyldibenzothiophene	X1. Pentachloroethane	

Method: 8270E SIM

Calibration Date	Instrument/Column	Compound	Standard	(Y) Response	(X) Conc.	(X^2) Conc.
7/29/2025	GCMSCR	1,4-Dioxane	1	0.004	0.025	0.0006
			2	0.009	0.05	0.0025
			3	0.029	0.125	0.0156
			4	0.154	0.625	0.3906
			5	0.319	1.25	1.5625
			6	0.698	2.5	6.2500
			7	0.054	0.25	0.0625

Regression Output	**Calculated**		***Reported***	
Constant	c	-0.0029	c	-0.0026
Std Err of Y Est				
R Squared		0.9999456		0.9997000
Degrees of Freedom				
	a	b	a	b
X Coefficient(s)	0.235841	0.0177137	0.23414	0.01861
Std Err of Coef.				
Correlation Coefficient		0.999973		
Coefficient of Determination (r^2)		0.999946		

LDC # 616091L

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: FT

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 E)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	CCV	8/7/15 0116PM	1,4-Dioxane	200.0	219.185	219.185	9.6	9.6

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

LDC # 61609L

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 C)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: #1

Surrogate	Surrogate Spiked (ug/L)	Surrogate Found (ug/L)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Nitrobenzene-d5	10,000 U	7521.52	75	75	0
2-Fluorobiphenyl	↓	6308.68	63	63	↓
Terphenyl-d14	↓	5403.20	54	54	↓
Phenol-d5					
2-Fluorophenol					
2,4,6-Tribromophenol					

LDC # 61609L

VALIDATION FINDINGS WORKSHEET
MS/MSD Results Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 C)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked concentration, SA = Spike added, SC = Sample concentration

RPD = | MS - MSD | * 2/(MS + MSD)

MS = Matrix spike recovery, MSD = Matrix spike duplicate recovery

Sample: 2 + 3

Compound	SA (ug/L)		SC (ug/L)	SSC (ug/L)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Phenol											
N-Nitroso-di-n-propylamine											
4-Chloro-3-methylphenol											
Acenaphthene											
Pentachlorophenol											
Pyrene											
1,4-Dioxane	0.8	0.8	0.201	0.679	0.576	60	60	47	47	16	16

LDC # 61609L

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270E)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS ID: OP65950A LCS

Compound	SA (ug/L)		SSC (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Phenol										
N-Nitroso-di-n-propylamine										
4-Chloro-3-methylphenol										
Acenaphthene										
Pentachlorophenol										
Pyrene										
1,4-Dioxane	0.8	NA	0.526	NA	66	66				

LDC #: 616091L

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GCMS 8270 E

Results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Final Conc = $\frac{\text{Conc} * Vp * DF}{VS}$

Where:

Ax = Area or height of the peak for the compound to be measured
DF = Dilution factor
CF = Calibration factor from continuing calibration curve
Vs = Volume of sample extracted in milliters (mL)
Vp = Purge Volume

Concentration = $\frac{(50.3483)(1)}{(250)}$

= 0.2014 ug/L

CR13418 8/7/25 1907

Sample #	Analyte	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
#1	1,4-Dioxane	0.2014	0.201	
	$\frac{827}{6745}$ =	$-0.00257 + \cancel{a}\,\cancel{b}$	$0.23414\left(\frac{X}{800}\right)$	$+0.0181\left(\frac{X}{800}\right)^2$
			X = 50.3483	

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8081B SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G212075.D	1	08/06/25 14:31	CP	08/05/25 20:30	OP65953	G1G7667
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0080	0.0041	ug/l	
319-84-6	alpha-BHC	ND	0.0080	0.0042	ug/l	
319-85-7	beta-BHC	ND	0.0080	0.0064	ug/l	
319-86-8	delta-BHC	ND	0.0080	0.0053	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.0080	0.0048	ug/l	
5103-71-9	alpha-Chlordane	ND	0.0080	0.0039	ug/l	
5103-74-2	gamma-Chlordane	ND	0.0080	0.0034	ug/l	
60-57-1	Dieldrin	ND	0.0080	0.0061	ug/l	
72-54-8	4,4'-DDD	ND	0.0080	0.0046	ug/l	
72-55-9	4,4'-DDE	ND	0.0080	0.0040	ug/l	
50-29-3	4,4'-DDT	ND	0.0080	0.0055	ug/l	
72-20-8	Endrin	ND	0.0080	0.0048	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.0080	0.0044	ug/l	
7421-93-4	Endrin aldehyde	ND	0.0080	0.0054	ug/l	
53494-70-5	Endrin ketone	ND	0.0080	0.0050	ug/l	
959-98-8	Endosulfan-I	ND	0.0080	0.0042	ug/l	
33213-65-9	Endosulfan-II	ND	0.0080	0.0039	ug/l	
76-44-8	Heptachlor	ND	0.0080	0.0036	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.0080	0.0048	ug/l	
72-43-5	Methoxychlor	ND	0.016	0.0054	ug/l	
8001-35-2	Toxaphene	ND	0.20	0.13	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	35%		10-175%
877-09-8	Tetrachloro-m-xylene	33%		10-175%
2051-24-3	Decachlorobiphenyl	59%		10-128%
2051-24-3	Decachlorobiphenyl	56%		10-128%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609L
SDG #: JE16259
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1 of 1
Reviewer: JV
2nd Reviewer: [signature]

Method: Organochlorine Pesticides (EPA 8081B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	GC/ECD Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	RSD ≤ 20% ICV ≤ 20%
IV	Continuing Calibration	A	CCV ≤ 20%
V	Laboratory Blanks	A	
VI	Field Blank	ND	EB = EQUIPMENT BLANK
VII	Surrogate Spikes /1S	A/A	
VIII	Matrix Spike/Matrix Spike Duplicate	A	
IX	Laboratory Control Sample	A	LCS
X	Field Duplicate	N	
XI	Target Analyte Quantitation	A	no results < RL
XII	Target Analyte Identification	A	
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW005	JE16259-5		Water	07/30/2025	Category B
2	MW005MS	JE16259-5MS	MS	Water	07/30/2025	Category B
3	MW005MSD	JE16259-5MSD	MSD	Water	07/30/2025	Category B

Notes:

- OPG5953_MB1		

Method: Pesticides (EPA SW 846 Method 8081B)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Were cooler temperature criteria met?	✓			
II. GC/ECD instrument performance check				
Was the instrument performance found to be acceptable?	✓			
Were Evaluation mix standards analyzed prior to the initial calibration and at beginning of each 12-hour shift?	✓			
Were endrin and 4,4'-DDT breakdowns ≤ 15% for individual breakdown in the Evaluation mix standards?	✓			
III. Initial calibration and initial calibration verification				
Did the laboratory perform a 5-point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20%?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?			✓	
Were the RT windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
IV. Continuing calibration				
Was a continuing calibration analyzed daily?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
Were all the retention times within the acceptance windows?	✓			
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field blanks				
Were field blanks identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Surrogate spikes/Internal standards				
Were all surrogate percent recovery (%R) within the QC limits?	✓			
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recovery (%R) was less than 10 percent, was a reanalysis performed to confirm %R?			✓	
Were internal standard area counts within ± 50% of the average area calculated during calibration?	✓			
VIII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	✓			

Method: Pesticides (EPA SW 846 Method 8081B)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?	✓			
Were target analytes detected in the field duplicates?		✓		
XI. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?			✓	
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions, dry weight factors, and clean-up activities applicable to level IV validation?	✓			
Were relative percent difference (RPD) of the results between two columns ≤ 40%?	✓			
XII. Target analyte identification				
Were the retention times of reported detects within the RT windows?	✓			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC#: 61609L

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

Where
A_x = Area of Compound
C_x = Concentration of compound,
S= Standard deviation of the RRFs,

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard
X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound	Reported RRF (50 std)	Recalculated RRF (50 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL GC1G	7/31/2025	g-BHC (CLP1)	1.381	1.381	1.293	1.293	6.87	6.90
			DDT (CLP1)	0.994	0.994	0.959	0.959	4.93	4.91
			g-BHC (CLP2)	1.322	1.322	1.278	1.279	3.51	3.51
			DDT (CLP2)	0.776	0.776	0.794	0.794	8.32	8.30

LDC#: 61609L

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound,
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound	Average RRF	Reported RRF	Recalculated RRF	Reported % D	Recalculated %D
1	8G40138 GC1G	8/6/2025	g-BHC (CLP1)	1.293	1.054	1.054	18.5	18.5
			DDT (CLP1)	0.959	1.007	1.007	5.0	5.0
			g-BHC (CLP2)	1.278	1.354	1.354	5.9	5.9
			DDT (CLP2)	0.794	0.848	0.848	6.8	6.8

LDC# 61609L

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

%Recovery: SURRF/SURRS * 100

Where: SURRF = Surrogate Found
SURRS = Surrogate Spiked

Sample ID: 1

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Tetrachloro-m- xylene	RTX-CLP1	40.00	14.097	35	35	0
Tetrachloro-m- xylene	RTX-CLP2	40.00	13.173	33	33	0
Decachlorobiphenyl	RTX-CLP1	40.00	23.558	59	59	0
Decachlorobiphenyl	RTX-CLP2	40.00	22.506	56	56	0

LDC# 61609L

VALIDATION FINDINGS WORKSHEET
MS/MSD Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked concentration SC = Sample concentration
SA = Spike added

RPD = | MS - MSD | * 2/(MS + MSD)

MS = Matrix spike recovery MSD = Matrix spike duplicate recovery

MS/MSD ID: 2/3

Compound	SA (ug/L)		SC (ug/L)	SSC (ug/L)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
g-BHC	0.20	0.20	0	0.22	0.21	110	110	105	105	5	5
4,4'-DDD	0.20	0.20	0	0.19	0.21	95	95	105	105	10	10

LDC# 61609L

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC Pesticides (EPA SW 846 Method 8081B)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added

LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: _OP65953-BS1__

Compound	SA (ug/L)		SSC (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
g-BHC	0.20	NA	0.18	NA	90	90				
DDT	0.20	NA	0.18	NA	90	90				

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Analyte results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Ve)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Ci = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Ve = Volume extract
Vo = Volume or weight of sample
%S = % Solids

Sample ID	Compound	Ax	Ais	Cis	RRF	Ve (ml)	Vi (g)	DF	% S/100	Calculated conc (ug/L)	Reported conc (ug/L)	% Diff
LCS	DDT	224400000	530600000	50.000	0.9590	2.00	250.00	1.00	NA	0.18	0.18	0
	CLP1											

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8082A SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	XX2523875.D	1	08/06/25 13:35	CP	08/05/25 20:30	OP65954	GXX8921
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	2.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND U	0.40	0.16	ug/l	
11104-28-2	Aroclor 1221	ND	0.40	0.34	ug/l	
11141-16-5	Aroclor 1232	ND	0.40	0.21	ug/l	
53469-21-9	Aroclor 1242	ND	0.40	0.37	ug/l	
12672-29-6	Aroclor 1248	ND	0.40	0.35	ug/l	
11097-69-1	Aroclor 1254	ND	0.40	0.33	ug/l	
11096-82-5	Aroclor 1260	ND	0.40	0.33	ug/l	
11100-14-4	Aroclor 1268	ND	0.40	0.14	ug/l	
37324-23-5	Aroclor 1262	ND	0.40	0.36	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	26%		10-169%
877-09-8	Tetrachloro-m-xylene	24%		10-169%
2051-24-3	Decachlorobiphenyl	43%		10-130%
2051-24-3	Decachlorobiphenyl	39%		10-130%

PG

OCT 15 2025

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609L
SDG #: JE16259
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1 of 1
Reviewer: JVZ
2nd Reviewer: CT

Method: PCBs (EPA 8082A)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	Initial Calibration/ ICV	A/A	RSD ≤ 20% ICV ≤ 20%
III	Continuing Calibration	A	CCV ≤ 20%
IV	Laboratory Blanks	A	
V	Field Blank	ND	EB = EQUIPMENT BLANK
VI	Surrogate Spikes	A	
VII	Matrix Spike/Matrix Spike Duplicate	A	
VIII	Laboratory Control Sample	A	LCS
IX	Field Duplicate	N	
X	Target Analyte Quantitation	A	no results < RL
XI	Target Analyte Identification	A	
XII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW005	JE16259-5		Water	07/30/2025	Category B
2	MW005MS	JE16259-5MS	MS	Water	07/30/2025	Category B
3	MW005MSD	JE16259-5MSD	MSD	Water	07/30/2025	Category B

Notes:

OP65954-MB1		

Method: PCB (EPA SW 846 Method 8082A)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Were cooler temperature criteria met?	✓			
II. GC/ECD instrument performance check				
Was the instrument performance found to be acceptable?			✓	
Were Evaluation mix standards analyzed prior to the initial calibration and at beginning of each 12-hour shift?			✓	
Were endrin and 4,4'-DDT breakdowns ≤ 15% for individual breakdown in the Evaluation mix standards?			✓	
III. Initial calibration and initial calibration verification				
Did the laboratory perform a 5-point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20%?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?			✓	
Were the RT windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
IV. Continuing calibration				
Was a continuing calibration analyzed daily?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
Were all the retention times within the acceptance windows?	✓			
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field blanks				
Were field blanks identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Surrogate spikes/Internal standards				
Were all surrogate percent recovery (%R) within the QC limits?	✓			
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recovery (%R) was less than 10 percent, was a reanalysis performed to confirm %R?			✓	
Were internal standard area counts within ± 50% of the average area calculated during calibration?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	✓			

Method: PCB (EPA SW 846 Method 8082A)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?	✓			
Were target analytes detected in the field duplicates?		✓		
XI. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?			✓	
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions, dry weight factors, and clean-up activities applicable to level IV validation?	✓			
Were relative percent difference (RPD) of the results between two columns ≤ 40%?	✓			
XII. Target analyte identification				
Were the retention times of reported detects within the RT windows?	✓			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61609L

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

METHOD: GC PCBs (EPA SW 846 Method 8082A)

The calibration factors (CF), average CF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

CF = A/C
average CF = sum of the CF/number of standards
%RSD = 100 * (S/X)

Where:
A = Area of compound
C = Concentration of compound
S = Standard deviation of calibration factors
X = Mean of calibration factors

#	Standard ID	Calibration Date	Compound	Reported CF (1000 std)	Recalculated CF (1000 std)	Reported Average CF (Initial)	Recalculated Average CF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL	7/30/2025	1260-1 (ZB-CLP1)	1248000	1247600	1226000	1226000	5.16	5.15
	GCXX		1260-1 (ZB-CLP2)	2662000	2661800	2558000	2558000	7.76	7.77

LDC #: 61609L

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Results Verification

METHOD: GC PCBs (EPA SW 846 Method 8082A)

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration percent difference (%D) values were recalculated for the compounds identified below using the following calculation:

Percent difference (%D) = 100 * (N - C)/N

Where: N = Initial Calibration Factor or Nominal Amount
C = Calibration Factor from Continuing Calibration Standard or Calculated Amount

#	Standard ID	Calibration Date	Compound	Ave CF	Reported CF	Recalculated CF	Reported % D	Recalculated %D
1	xx2523869.d	8/6/2025	1260-1 (ZB-CLP1)	1226000	1260500	1260500	2.9	2.8
			1260-1 (ZB-CLP2)	2558000	2421200	2421200	5.4	5.3

LDC# 61609L

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

%Recovery: SURRF/SURRS * 100

Where: SURRF = Surrogate Found
SURRS = Surrogate Spiked

Sample ID: 1

Surrogate	Column	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Tetrachloro-m- xylene	RTX-CLP1	40.00	10.583	26	26	0
Tetrachloro-m- xylene	RTX-CLP2	40.00	9.456	24	24	0
Decachlorobiphenyl	RTX-CLP1	40.00	17.215	43	43	0
Decachlorobiphenyl	RTX-CLP2	40.00	15.605	39	39	0

LDC# 61609L

VALIDATION FINDINGS WORKSHEET
MS/MSD Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked concentration
SA = Spike added
SC = Sample concentration

RPD = | MS - MSD | * 2/(MS + MSD)

MS = Matrix spike recovery

MSD = Matrix spike duplicate recovery

MS/MSD ID: 2/3

Compound	SA (ug/L)		SC (ug/L)	SSC (ug/L)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1260	1.60	1.60	0	0.79	0.87	49	49	54	54	10	10

LDC# 61609L

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: GC PCB (EPA SW 846 Method 8082A)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the analytes identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added

LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: _OP65943-BS1__

Compound	SA (ug/L)		SSC (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
1260	1.60	NA	1.10	NA	69	69				

LDC# 61609L

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

Reviewer:_JVG_

METHOD: GC PCB (EPA SW 846 Method 8082A)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Ve)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Cis = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Ve = Volume extract
Vo = Volume or weight of sample
%S = % Solids

Sample ID	Compound	Ax	Ais	Cis	CF	Ve (ml)	Vi (g)	DF	% Solids/100	Calculated on-col conc (ug/L)	Reported on-col conc (ug/L)	% Diff
LCS	1260-1	371700000	-	-	2558000	2.00	250.00	1.00	NA	145.31	145.32	0
	CLP2											
											Reported	
	1260-Total =	(145.309+134.189+143.735+135.48+140.83)						conc =	(139.911)(2mL)		**final conc**	
			5						(250 mL)			
	=	139.909						=	**1.1**		**1.1**	

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6Q1901.D	1	08/06/25 00:20	AA	08/04/25 17:00	OP65982	T6Q149
Run #2							

	Initial Volume	Final Volume
Run #1	513 ml	5.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROALKYL CARBOXYLIC ACIDS						
375-22-4	Perfluorobutanoic acid	0.0181	0.0078	0.00091	ug/l	
2706-90-3	Perfluoropentanoic acid	0.0142	0.0039	0.00071	ug/l	
307-24-4	Perfluorohexanoic acid	0.0095	0.0019	0.00028	ug/l	
375-85-9	Perfluoroheptanoic acid	0.0046	0.0019	0.00049	ug/l	
335-67-1	Perfluorooctanoic acid	0.0297	0.0019	0.00073	ug/l	
375-95-1	Perfluorononanoic acid	0.0030	0.0019	0.00039	ug/l	
335-76-2	Perfluorodecanoic acid	0.00060 J	0.0019	0.00060	ug/l	J
2058-94-8	Perfluoroundecanoic acid	ND	0.0019	0.00054	ug/l	
307-55-1	Perfluorododecanoic acid	ND	0.0019	0.00075	ug/l	
72629-94-8	Perfluorotridecanoic acid	ND	0.0019	0.00077	ug/l	
376-06-7	Perfluorotetradecanoic acid	ND	0.0019	0.00074	ug/l	
PERFLUOROALKYL SULFONIC ACIDS						
375-73-5	Perfluorobutanesulfonic acid	0.0048	0.0019	0.00064	ug/l	
2706-91-4	Perfluoropentanesulfonic acid	0.0011 J	0.0019	0.00098	ug/l	J
355-46-4	Perfluorohexanesulfonic acid	0.0051	0.0019	0.0011	ug/l	
375-92-8	Perfluoroheptanesulfonic acid	0.0015 J	0.0019	0.00096	ug/l	J
1763-23-1	Perfluorooctanesulfonic acid	0.222	0.0019	0.00042	ug/l	
68259-12-1	Perfluorononanesulfonic acid	ND	0.0019	0.0014	ug/l	
335-77-3	Perfluorodecanesulfonic acid	ND	0.0019	0.0011	ug/l	
79780-39-5	Perfluorododecanesulfonic aci	ND	0.0019	0.00039	ug/l	
FLUOROTELOMER SULFONIC ACIDS						
757124-72-4	4:2 Fluorotelomer sulfonate	ND	0.0078	0.0022	ug/l	
27619-97-2	6:2 Fluorotelomer sulfonate	ND	0.0078	0.00089	ug/l	
39108-34-4	8:2 Fluorotelomer sulfonate	ND	0.0078	0.0014	ug/l	
PERFLUOROOCTANE SULFONAMIDES						
754-91-6	PFOSA	0.0015 J	0.0019	0.00067	ug/l	J
31506-32-8	MeFOSA	ND	0.0019	0.00062	ug/l	
4151-50-2	EtFOSA	ND	0.0019	0.00052	ug/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5A	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	EPA 1633 EPA 1633	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

CAS No.	Compound	Result	RL	MDL	Units	Q
PERFLUOROOCTANE SULFONAMIDOACETIC ACIDS						
2355-31-9	MeFOSAA	ND	0.0019	0.00050	ug/l	
2991-50-6	EtFOSAA	0.0034	0.0019	0.00089	ug/l	
PERFLUOROOCTANE SULFONAMIDO ETHANOLS						
24448-09-7	MeFOSE	ND	0.019	0.0027	ug/l	
1691-99-2	EtFOSE	ND	0.019	0.0037	ug/l	
PER and POLYFLUOROETHER CARBOXYLIC ACIDS						
13252-13-6	HFPO-DA (GenX)	ND	0.0078	0.0018	ug/l	
919005-14-4	ADONA	ND	0.0078	0.0012	ug/l	
377-73-1	PFMPA	ND	0.0039	0.00029	ug/l	
863090-89-5	PFMBA	ND	0.0039	0.00055	ug/l	
151772-58-6	NFDHA	ND	0.0039	0.0012	ug/l	
PER and POLYFLUOROETHER SULFONIC ACIDS						
756426-58-1	9Cl-PF3ONS (F-53B Major)	ND	0.0078	0.0024	ug/l	
763051-92-9	11Cl-PF3OUdS (F-53B Minor)	ND	0.0078	0.0018	ug/l	
113507-82-7	PFEESA	ND	0.0039	0.00026	ug/l	
FLUOROTELOMER CARBOXYLIC ACIDS						
356-02-5	3:3 Fluorotelomer carboxylate	ND	0.0097	0.0024	ug/l	
914637-49-3	5:3 Fluorotelomer carboxylate	ND	0.049	0.0069	ug/l	
812-70-4	7:3 Fluorotelomer carboxylate	ND	0.049	0.0060	ug/l	

CAS No.	ID Standard Recoveries	Run# 1	Run# 2	Limits
	13C4-PFBA	33%		5-130%
	13C5-PFPeA	72%		40-130%
	13C5-PFHxA	70%		40-130%
	13C4-PFHpA	72%		40-130%
	13C8-PFOA	70%		40-130%
	13C9-PFNA	77%		40-130%
	13C6-PFDA	68%		40-130%
	13C7-PFUnDA	68%		30-130%
	13C2-PFDoDA	66%		10-130%
	13C2-PFTeDA	54%		10-130%
	13C3-PFBS	70%		40-135%
	13C3-PFHxS	66%		40-130%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

PG

OCT 15 2025

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609L
SDG #: JE16259
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1 of 1
Reviewer: JDR
2nd Reviewer:

Method: PFAS (EPA 1633)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A / A	
II	LC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A / A	RSD ≤ 20% ICV ≤ 30%
IV	Continuing Calibration/ISC/Bile Salt	A / A	CCV ≤ 30%
V	Laboratory Blanks	A	
VI	Field Blank	ND	EB = EQUIPMENT BLANK
VII	Matrix spike/Matrix spike duplicates	SW	
VIII	Laboratory Control Sample/Low Level LCS	A / A	
IX	Field Duplicate	N	
X	Internal standards	A	
XI	Target Analyte Quantitation	A	Results < RL > MDL = J dets
XII	Target Analyte Identification	A	
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW005	JE16259-5		Water	07/30/2025	Category B
2	MW005MS	JE16259-5MS	MS	Water	07/30/2025	Category B
3	MW005MSD	JE16259-5MSD	MSD	Water	07/30/2025	Category B

Notes:

1. T6Q149-ICCB 8/5		
2. ↓ 8/6		
3. OP65982-MB		

VALIDATION FINDINGS CHECKLIST

METHOD: LC/MS PFAS (EPA Method 1633)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. LC/MS Instrument performance check				
Were the instrument performance reviewed and found to be within the validation criteria?	✓			
III. Initial Calibration and Initial Calibration Verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) < 20%?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the coefficient of determination (r^2) criteria of > 0.990?			✓	
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were the retention time windows properly established?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) of the initial calibration verification < 30%?	✓			
IV. Continuing Calibration and Instrument Sensitivity Check				
Was a continuing calibration analyzed prior to sample analysis, after every 10 samples and at the end of the analytical sequence?	✓			
Were all percent differences (%D) of the continuing calibration < 30%?	✓			
Were all the retention times within the acceptance windows	✓			
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were all percent differences (%D) of the Instrument Sensitivity Check < 30%?	✓			
Were the RTs for the bile salt peaks outside the RT window of PFOS by at least one minute?			✓	
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was there contamination in the laboratory blanks?		✓		
VI. Field Blanks				
Were field blanks identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Matrix Spike/Matrix Spike Duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?		✓		
VIII. Laboratory control samples				
Was an LCS analyzed per extraction batch for this SDG?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
IX. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	

Validation Area	Yes	No	NA	Findings/Comments
X. Internal Standards				
Were extracted internal standard (EIS) percent recoveries (%R) within QC limits?	✓			
Were non-extracted internal standard (NIS) areas within 50-200% of the average area of the calibration standards?	✓			
Were NIS retention times within 0.4 minutes of the initial calibration midPoint?	✓			
XI. Target Analayte Quantitation				
Did the laboratory reporting limits (i.e. DL, LOD, LOQ) meet the QAPP?			✓	
Did reported results include both branched and linear isomers?	✓			
Were the correct ion transition, labeled compound and relative response factor (RRF) used to quantitate the compound?	✓			
Were compound retention times within 0.1 minutes of the associated labeled compound for compounds with a labeled analog?	✓			
Were analyte quantitation and reporting limits adjusted to reflect all sample dilutions and dry weight factors applicable to Stage 4 validation?	✓			
XII. Target Analyte Identification				
Was the signal to noise (S/N) ratio for all compounds within the validation criteria?	✓			
Were two transitions and the ion transition ratio per analyte monitored and documented with the exception of PFBA and PFPeA?	✓			
Were ion ratios between 50-150%?	✓			
Were manual integrations reviewed and found acceptable?	✓			
Did the laboratory provide before and after integration printouts?	✓			
XIII. Overall assesment of Data				
Overall assessment of data was found to be acceptable.	✓			

LDC #: 61609L

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates

Reviewer: JVG

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)
Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample.
Percent recoveries (%R) and %RPD were within QC limits with the exceptions identified below.

MS/MSD ID	Analyte	MS %R	MSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
2/3	Perfluorooctanesulfonic acid	49	216	55-150			1	NQ
								(Parent conc >4x spike)

LDC #: 61609L

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: JVG

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

$RRF = (A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of Compound
C_x = Concentration of compound
S= Standard deviation of the RRFs

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard
X = Mean of the RRFs

#	Standard ID	Calibration Date	Compound (IS)	Reported RRF 2.5	Recalculated RRF 2.5	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	ICAL T6Q149	8/5/2025	PFOA (M8-PFOA)	0.7510	0.7510	0.7164	0.7165	9.938	9.938
			PFOS (M8-PFOS)	1.6157	1.6157	1.7299	1.7299	6.601	6.601

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

METHOD: LC/MS Perfluoroalkyl & Polyfluoroalkyl Substances (EPA Method 1633)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound	(IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
	6Q1898	8/5/2025	PFOA	(M8-PFOA)	2.500	2.531	2.531	1.2	1.2
			PFOS	(M8-PFOS)	2.320	2.242	2.242	3.3	3.3

LDC # 61609L

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates Results Verification

Reviewer: JVG

METHOD: LC/MS PFAS (EPA Method 1633)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)

%Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked concentration, SA = Spike added, SC = Sample concentration

RPD = | MS - MSD | * 2/(MS + MSD)

MS = Matrix spike recovery, MSD = Matrix spike duplicate recovery

MS/MSD ID: 2/3

Compound	SA (ug/L)		SC (ug/L)	SSC (ug/L)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
PFOA	0.0244	0.0245	0.0297	0.0608	0.0590	127	127	120	120	3	3
PFOS	0.0227	0.0227	0.2220	0.2330	0.2710	49	48	216	216	15	15

LDC # 61609L

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

Reviewer: JVG

METHOD: LC/MS PFAS (EPA Method 1633)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: OP65982-BS

Compound	SA (ug/L)		SSC (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
					Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
PFOA	0.0250	NA	0.03	NA	115	115				
PFOS	0.0232	NA	0.02	NA	101	101				

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: LC/MS PFAS (EPA Method 1633)

Compound results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

$$\text{Concentration} = \frac{(Ax)(Cis)(Ve)(Df)}{(Ais)(RRF)(Vo)(\%S)}$$

Where:

Ax = Area or height of the peak for the compound to be measured
Ais = Area or height of internal standard
Cis = Concentration of internal standard
RRF = Average relative response factor
DF = Dilution factor
Vf = Final volume extract
Vo = Volume or weight of sample

Sample #	Compound	Ax	Ais	Cis (ng/mL)	RRF	DF	Vf (mL)	Vo (mL)	% S/100	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
1	PFOS	466731	29659	2.500	1.7299	1.000	5.0	513.00	NA	0.222	0.222	0

Site:	60 Alexander Street, Yonkers, NY
Laboratory:	SGS North America, Inc., Dayton, NJ
SDG:	JE16259
Reviewer:	Dailey Sparks, Jonathon Carmichael, and Pei Geng/Laboratory Data Consultants for Laboratory Data Consultants for P.W. Grosser Consulting - Bohemia, NY
Date:	October 15, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
MW005	JE16259-5	Metals
MW005MS	JE16259-5MS	Metals
MW005MSD	JE16259-5MSD	Metals

Associated QC Samples(s):

Field/Trip Blanks:	EQUIPMENT BLANK
Field Duplicate pair:	None Associated

The above-listed water sample was collected on July 30, 2025 and was analyzed for metals by SW-846 methods 6010D and 7471B. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for ICP-AES Data Validation,* SOP No. HW-3a, ISM02.2, Revision 1 (September 2016), USEPA Region 2 *Standard Operating Procedure for Mercury and Cyanide Data Validation,* SOP No. HW-3c, ISM02.2, Revision 1 (September 2016), and the USEPA *National Functional Guidelines for Inorganic Superfund Data Review,* EPA 542-R-20-006 (November 2020)

The inorganic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Instrument Calibration
- Blank Analysis Results
- Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Result
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Duplicate Results
- Laboratory Control Sample (LCS) Results
- Serial Dilution Results
- Field Duplicate Results
- Detection Limits Results
- Sample Quantitation Results

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to laboratory quality control outliers.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

Initial and Continuing Calibration

All criteria were met.

ICP Interference Check Sample Analysis

All criteria were met.

Blanks

Contamination was not detected in the method blanks.

No positive results were found in the equipment blank sample EQUIPMENT BLANK for metals analyses.

MS/MSD Results

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Analyte	MS %R	MSD %R	Limits	Validation Action
MW005MS/MSD (MW005)	Sodium	-	134.4	75-125	J (all detects)

For MW005MS/MSD, no data were qualified for calcium percent recoveries (%R) outside the QC limits since the parent sample results were greater than 4X the spike concentration.

Relative percent differences (RPD) were within QC limits.

Laboratory Duplicate Results

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

Serial Dilution

Serial dilution analysis was performed on an associated project sample. Percent differences (%D) were within QC limits with the following exceptions:

Diluted Sample	Analyte	%D (≤10)	Associated Samples	Validation Action
MW005	Zinc	14	MW005	UJ (all non-detects)

LCS Results

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Detection Limits Results

No results were reported below the reporting limit (RL) and above the method detection limit (MDL) in the metals analysis.

Dilutions were not required for metals analysis.

Sample Quantitation Results

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
		Percent Solids:	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Aluminum	<200 U	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Antimony	6.2	6.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Arsenic	<3.0 U	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Barium	<200	200	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Beryllium	<1.0	1.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Cadmium	<3.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Calcium	134000	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Chromium	<10 U	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Cobalt	<50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Copper	<10	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Iron	17900	100	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Lead	9.0	3.0	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Magnesium	20400	5000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Manganese	745	15	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Mercury	<0.20 U	0.20	ug/l	1	08/05/25	08/05/25	CM	SW846 7470A [2]	SW846 7470A [4]
Nickel	<10 U	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Potassium	12200	10000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Selenium	<10 U	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Silver	<10 U	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Sodium	77400 J	10000	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Thallium	<10 U	10	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Vanadium	<50	50	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]
Zinc	<20 U	20	ug/l	1	08/04/25	08/04/25	LM	SW846 6010D [1]	SW846 3010A [3]

(1) Instrument QC Batch: MA59082
(2) Instrument QC Batch: MA59085
(3) Prep QC Batch: MP56327
(4) Prep QC Batch: MP56362

PG

OCT 15 2025

RL = Reporting Limit

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609L
SDG #: JE16259
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1/1
Reviewer: DS
2nd Reviewer:

Method: Metals (EPA 6010D); Mercury (EPA 7470A)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	Initial Calibration	A	
III	ICV/Continuing Calibration	A	
IV	Laboratory Blanks	A	
V	Field Blank	ND	EB = EQUIPMENT BLANK
VI	Matrix Spike/Matrix Spike Duplicate	SW	
VII	Laboratory Duplicate	N	
VIII	Serial Dilution	SW	
IX	Laboratory Control Sample	A	LCS
X	Field Duplicate	N	
XI	Target Analyte Quantitation	A	MDL < No Sample < RL
XII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW005 No Dilution	JE16259-5		Water	07/30/2025	Category B
2	MW005MS	JE16259-5MS	MS	Water	07/30/2025	Category B
3	MW005MSD	JE16259-5MSD	MSD	Water	07/30/2025	Category B

Notes:

VALIDATION FINDINGS WORKSHEET
Sample Specific Element Reference

Reviewer: DS

LDC #: 61609L

All elements are applicable to each sample as noted below.

Sample ID	Matrix	Method	Target Analyte List
1	Water	EPA 6010D	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, Tl, V, Zn
1	Water	EPA 7470A	Hg
QC			
2-3	Water	EPA 6010D	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, Tl, V, Zn
2-3	Water	EPA 7470A	Hg

Comments:

VALIDATION FINDINGS CHECKLIST

Reviewer: DS

LDC #: 61609L	METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)			
Validation Area	**Yes**	**No**	**NA**	**Comments**
I. Technical holding times				
Were all technical holding times met?	YES			
Were all water samples preserved to a pH of <2.	YES			
II. ICP-MS Tune				
Were mass resolutions within 0.1 amu for all isotopes in the tuning solution?			NA	
Were %RSDs of isoptoes in the tuning solution ≤5%?			NA	
III. Calibration				
Were all instruments calibrated daily?	YES			
Were the proper standards used?	YES			
Were all initial and continuing calibration verifications within the 90-110% (80-120% for mercury) QC limits?	YES			
Were the low level standard checks within 70-130%?	YES			
Were all initial calibration correlation coefficients within limits as specifed by the method?	YES			
IV. Interference Check Sample				
Were the interference check samples performed daily?	YES			
Were the AB solution recoveries within 80-120%?	YES			
V. Blanks				
Was a method blank associated with every sample in this SDG?	YES			
Was there contamination in the method blanks?		NO		
Was there contamination in the initial and continuing calibration blanks?		NO		
VI. Field Blanks				
Were field blanks identified in this SDG?	YES			
Were target analytes detected in the field blanks?		NO		
VII. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)		NO		
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?	YES			

IX. Serial Dilution				
Were all percent differences (<10%)		NO		
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.		NO		
X. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	YES			
Were the LCS recoveries and RPDs (if applicable) within QC limits?	YES			
XI. Field Duplicates				
Were field duplicates identifed in this SDG?		NO		
Were target analytes detected in the field duplicates?			NA	
VII. Internal Standards				
Were all percent recoveries within the 30-120% (60-125% for EPA Method 200.8) QC limits?			NA	
If the recoveries were outside the limits, was a reanalysis performed?			NA	
XIII. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	YES			
Were all soil samples dry weight corrected?			NA	
XIV. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	YES			

VALIDATION FINDINGS WORKSHEETS
Matrix Spike/Matrix Spike Duplicates

LDC #: 61609L

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

MS/MSD analysis was performed by the laboratory. All MS/MSD percent recoveries (%R) and relative percent differences (RPDs) were within the acceptable limits with the following exceptions:

MS/MSD ID	Matrix	Analyte	MS %R	MSD %R	%R Limit	RPD	RPD Limit	PDS R %	PDS R% Limit	Associated Samples	Qualification	Det/ND
2,3	Water	Sodium		134.4	75-125				80-120	1	Jdet/A	Det

Comment: (2,3): Ca > 4x, % Rec

VALIDATION FINDINGS WORKSHEET

Serial Dilution

Reviewer: DS

LDC #: 61609L

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

Serial dilution analysis was performed by the laboratory. All serial dilution percent differences (%D) were within 10%D with the following exceptions:

Diluted Sample ID	Matrix	Analyte	%D	Associated Samples	Qualification	Det/ND
1	Water	Zinc	14	1	J/UJ/A	ND

Comments:

VALIDATION FINDINGS CHECKLIST
Calibration Calculation Verification

LDC #: 61609L

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
An intial calibration verification (ICV), continuing calibration verification (CCV), low level calibration check (LLCC), and interference check sample
%R = (Found/True) x 100 Found = concentration of each analyte measured in the analysis
True = concentration of each analyte in the source

Standard ID	Type of Analysis	Element	Found (ug/L)	True (ug/L)	Recalculated %R	Reported %R	Acceptable (Y/N)
ICV	ICP	Pb	2010	2000	100.5	100.5	Y
CCV	ICP	Ca	39000	40000	97.5	97.5	Y
LLCC	ICP	V	49.9	50	99.8	99.8	Y
ICSAB	ICP	Ni	995	1000	99.5	99.5	Y
ICV	ICP-MS				NA	NA	NA
CCV	ICP-MS				NA	NA	NA
LLCC	ICP-MS				NA	NA	NA
ICSAB	ICP-MS				NA	NA	NA
ICV	CVAA	Hg	3.21	3	107	107	Y
CCV	CVAA	Hg	2.45	2.5	98	98	Y

ICP-MS Tune	QC Parameter	Mass	Actual	Required
NA	Mass Axis			± 0.1 amu
NA	%RSD			≤ 5%

VALIDATION FINDINGS WORKSHEET
Quality Control Sample Recalculations

LDC #: 61609L

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Percent recoveries (%R) for the laboratory control sample (LCS), matrix spike (MS), and post digestion spike (PDS) were recalculated using
%R = (Found/True) x 100
Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)
True = concentration of each analyte in the source
The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:
RPD = (Absolute value(S-D)x 200) / (S+D)
S = Original sample concentration
D = Duplicate sample concentration
The serial dilution percent difference (%D) was recalculated using the following formula.
%D = (Absolute value (I - SDR)) x 100 / (I)
I = Initial sample result
SDR = Serial dilution result (with a 5x dilution applied)

Sample ID	Type of Analysis	Element	Found/S/I	True/D/SDR	Recalculated %R/RPD/%D	Reported %R/RPD/%D	Acceptable (Y/N)
MP56362	LCS	Hg	2	2	100	100	Y
3	MS	Na	33600	25000	134.4	134.4	Y
2,3	Duplicate	V	1760	1960	10.8	10.8	Y
NA	PDS				NA	NA	NA
1 SD	Serial dilution	Zn	12.1	10.4	14	14	Y

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: DS

LDC #: 61609L

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Analytes were recalculated and verified using the following equation:
Concentration = (Result from raw data x Final volume x Dilution factor) / (Initial volume)

Sample ID	Analyte	Raw Data (mg/L)	Dilution	Initial Weight/ Volume (mL)	Final Volume (mL)	Reported Result (mg/L)	Recalculated Result (mg/L)	Acceptable (Y/N)
1	Mg	20.35	1	50	50	20400	20350	Y

Site:	60 Alexander Street, Yonkers, NY
Laboratory:	SGS North America, Inc., Dayton, NJ
SDG:	JE16259R
Reviewer:	Felomina Tanguilig and Pei Geng/Laboratory Data Consultants for P.W. Grosser Consulting - Bohemia, NY
Date:	October 10, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
MW005	JE16259-5R	SVOC-SIM
MW005MS	JE16259-5RMS	SVOC-SIM
MW005MSD	JE16259-5RMSD	SVOC-SIM

Associated QC Samples(s):

Field/Trip Blanks:	EQUIPMENT BLANK
Field Duplicate pair:	None Associated

The above-listed water sample was collected on July 30, 2025 and was analyzed for semivolatile organic compounds (SVOC) by SW-846 method 8270E in SIM mode. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry SW-846 Method 8270E,* SOP HW-22, Revision 5 (December 2010) and the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review,* EPA 540-R-20-005 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The organic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Initial and Continuing Calibrations
- Blank Analysis Results
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Target Analyte Identification

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to sample matrix or laboratory quality control outliers with the exceptions listed below.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

GC/MS Tunes

All criteria were met.

Initial and Continuing Calibrations

Initial calibration:

For analytes where average relative response factors (RRFs) were utilized, the percent relative standard deviations (%RSD) were less than or equal to 20.0%.

In the case where the laboratory used a calibration curve to evaluate the analytes, all coefficients of determination (r^2) were greater than or equal to 0.990.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 30.0% for all analytes.

Continuing calibration:

The percent differences (%D) were less than or equal to 20.0% for all analytes with the following exceptions:

Date	Standard ID	Analyte	%D	Associated Samples	Validation Action
08/07/25	CCV-GCMSCR	Indeno(1,2,3-cd)pyrene	29.5	MW005	UJ (all non-detects)

All of the continuing calibration relative response factors (RRF) were within validation criteria.

Blanks

Contamination was not detected in the method blanks.

No positive results were found in the equipment blank sample EQUIPMENT BLANK for SVOC-SIM analysis.

Surrogate Recoveries

All criteria were met.

MS/MSD Results

Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample. Percent recoveries (%R) were within QC limits.

Relative percent differences (RPD) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Analyte	RPD (≤40)	Validation Action
MW005MS/MSD (MW005)	Hexachlorobenzene	43	None

No data were qualified due to high RPDs when the associated results were non-detected.

LCS Results

All criteria were met.

Internal Standards

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Quantitation Limits and Data Assessment

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL) in the SVOC-SIM analysis. These results were qualified as estimated (J) by the laboratory.

Sample Quantitation and Target Analyte Identification

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

JN - The analysis indicates the presence of an analyte that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5R	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8270E BY SIM SW846 3510C	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CR13418.D	1	08/07/25 19:07	RS	08/05/25 09:15	OP65950A	ECR644
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
87-86-5	Pentachlorophenol	ND U	0.20	0.060	ug/l	
56-55-3	Benzo(a)anthracene	0.0615	0.040	0.024	ug/l	
50-32-8	Benzo(a)pyrene	ND U	0.040	0.024	ug/l	
205-99-2	Benzo(b)fluoranthene	0.0297	0.040	0.024	ug/l	J
207-08-9	Benzo(k)fluoranthene	ND U	0.080	0.040	ug/l	
218-01-9	Chrysene	ND U	0.080	0.040	ug/l	
118-74-1	Hexachlorobenzene	ND U	0.020	0.014	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene [a]	ND UJ	0.080	0.040	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	37%		15-110%
4165-62-2	Phenol-d5	30%		12-110%
118-79-6	2,4,6-Tribromophenol	70%		32-143%
4165-60-0	Nitrobenzene-d5	75%		29-124%
321-60-8	2-Fluorobiphenyl	63%		23-122%
1718-51-0	Terphenyl-d14	54%		22-130%

(a) Associated CCV outside of control limits low. Low-level verification was analyzed to demonstrate system suitability to detect affected analytes. Sample was ND.

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ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609M
SDG #: JE16259R
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

Method: Semivolatiles (EPA 8270E SIM)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/Δ	
II	GC/MS Instrument Performance Check	Δ	
III	Initial Calibration/ ICV	A/Δ	0/0 RSD ≤ 20, r² ICV ≥ 30
IV	Continuing Calibration	SW	CCV ≥ 20
V	Laboratory Blanks	Δ	
VI	Field Blank	ND	EB= EQUIPMENT BLANK
VII	Surrogate Spikes	A	
VIII	Matrix Spike/Matrix Spike Duplicate	SW	
IX	Laboratory Control Sample	Δ	LCS
X	Field Duplicate	N	
XI	Internal standards	Δ	
XII	Target Analyte Quantitation	Δ	Result < RL > MDL = Jdet
XIII	Target Analyte Identification	Δ	
XIV	Overall Assessment of Data	Δ	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW005	JE16259-5R		Water	07/30/2025	Category B
2	MW005MS	JE16259-5RMS	MS	Water	07/30/2025	Category B
3	MW005MSD	JE16259-5RMSD	MSD	Water	07/30/2025	Category B

Notes:

OP65950A		

LDC #: 61609 M

VALIDATION FINDINGS CHECKLIST

Reviewer: FT

Method: Semivolatiles (EPA SW 846 Method 8270 E) SIM

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS Instrument performance check				
Were the DFTPP performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
IIIa. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20% 15/30% and relative response factors (RRF) within method criteria?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?	✓			
IIIb. Initial Calibration Verification				
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) within method criteria?		✓		
V. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If 2 or more base neutral or acid surrogates were outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any percent recoveries (%R) was less than 10%, was a reanalysis performed to confirm %R ?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			

Validation Area	Yes	No	NA	Findings/Comments
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?		✓		
IX. Laboratory control samples				
Was an LCS analyzed per extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were compound quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?				
XV. Overall assessment of data			✓	
Overall assessment of data was found to be acceptable.		✓		

TARGET ANALYTE LIST

METHOD: GC/MS SVOC

A. Phenol	GG. Acenaphthene	MMM. Bis(2-Chloroisopropyl)ether	SSSS. 2/3-Dimethyldibenzothiophene	Y1. 3,3'-Dimethylbenzidine
B. Bis (2-chloroethyl) ether	HH. 2,4-Dinitrophenol	NNN. Aniline	TTTT. 1-Methyldibenzothiophene	Z1. o-Toluidine
C. 2-Chlorophenol	II. 4-Nitrophenol	OOO. N-Nitrosodimethylamine	UUUU.. 2,3,4,6-Tetrachlorophenol	A2. Benzo(j)fluoranthene
D. 1,3-Dichlorobenzene	JJ. Dibenzofuran	PPP. Benzoic Acid	VVVV. 1,2,4,5-Tetrachlorobenzene	B2. Benzofluoranthenes, total
E. 1,4-Dichlorobenzene	KK. 2,4-Dinitrotoluene	QQQ. Benzyl alcohol	WWWW.. 2-Picoline	C2. trans-Decalin
F. 1,2-Dichlorobenzene	LL. Diethylphthalate	RRR. Pyridine	XXXX. 3-Methylcholanthrene	D2. cis-Decalin
G. 2-Methylphenol	MM. 4-Chlorophenyl-phenyl ether	SSS. Benzidine	YYYY. a,a-Dimethylphenethylamine	E2. Dibenzo(a)anthracenes
H. 2,2'-Oxybis(1-chloropropane)	NN. Fluorene	TTT. 1-Methylnaphthalene	ZZZZ. Hexachloropropene	F2. Benzo(j)+(k)fluoranthene
I. 4-Methylphenol	OO. 4-Nitroaniline	UUU.Benzo(b)thiophene	A1. N-Nitrosodiethylamine	G2.
J. N-Nitroso-di-n-propylamine	PP. 4,6-Dinitro-2-methylphenol	VVV.Benzonaphthothiophene	B1. N-Nitrosodi-n-butylamine	H2.
K. Hexachloroethane	QQ. N-Nitrosodiphenylamine	WWW.Benzo(e)pyrene	C1. N-Nitrosomethylethylamine	I2.
L. Nitrobenzene	RR. 4-Bromophenyl-phenylether	XXX. 2,6-Dimethylnaphthalene	D1. N-Nitrosomorpholine	J2.
M. Isophorone	SS. Hexachlorobenzene	YYY. 2,3,5-Trimethylnaphthalene	E1. N-Nitrosopyrrolidine	K2.
N. 2-Nitrophenol	TT. Pentachlorophenol	ZZZ. Perylene	F1. Phenacetin	L2.
O. 2,4-Dimethylphenol	UU. Phenanthrene	AAAA. Dibenzothiophene	G1. 2-Acetylaminofluorene	M2.
P. Bis(2-chloroethoxy)methane	VV. Anthracene	BBBB. Benzo(a)fluoranthene	H1. Pronamide	N2.
Q. 2,4-Dichlorophenol	WW. Carbazole	CCCC. Benzo(b)fluorene	I1. Methyl methanesulfonate	O2.
R. 1,2,4-Trichlorobenzene	XX. Di-n-butylphthalate	DDDD. cis/trans-Decalin	J1. Ethyl methanesulfonate	P2.
S. Naphthalene	YY. Fluoranthene	EEEE. Biphenyl	K1. o,o',o''-Triethylphosphorothioate	Q2.
T. 4-Chloroaniline	ZZ. Pyrene	FFFF. Retene	L1. n-Phenylene diamine	R2.
U. Hexachlorobutadiene	AAA. Butylbenzylphthalate	GGGG. C30-Hopane	M1. 1,4-Naphthoquinone	S2.
V. 4-Chloro-3-methylphenol	BBB. 3,3'-Dichlorobenzidine	HHHH. 1-Methylphenanthrene	N1. N-Nitro-o-toluidine	T2.
W. 2-Methylnaphthalene	CCC. Benzo(a)anthracene	IIII. 1,4-Dioxane	O1. 1,3,5-Trinitrobenzene	U2.
X. Hexachlorocyclopentadiene	DDD. Chrysene	JJJJ. Acetophenone	P1. Pentachlorobenzene	V2..
Y. 2,4,6-Trichlorophenol	EEE. Bis(2-ethylhexyl)phthalate	KKKK. Atrazine	Q1. 4-Aminobiphenyl	W2
Z. 2,4,5-Trichlorophenol	FFF. Di-n-octylphthalate	LLLL. Benzaldehyde	R1. 2-Naphthylamine	X2..
AA. 2-Chloronaphthalene	GGG. Benzo(b)fluoranthene	MMMM. Caprolactam	S1. Triphenylene	Y2.
BB. 2-Nitroaniline	HHH. Benzo(k)fluoranthene	NNNN. 2,6-Dichlorophenol	T1. Octachlorostyrene	Z2.
CC. Dimethylphthalate	III. Benzo(a)pyrene	OOOO. 1,2-Diphenylhydrazine	U1. Famphur	
DD. Acenaphthylene	JJJ. Indeno(1,2,3-cd)pyrene	PPPP. 3-Methylphenol	V1. 1,4-phenylenediamine	
EE. 2,6-Dinitrotoluene	KKK. Dibenz(a,h)anthracene	QQQQ. 3&4-Methylphenol	W1. Methapyrilene	
FF. 3-Nitroaniline	LLL. Benzo(g,h,i)perylene	RRRR. 4-Dimethyldibenzothiophene	X1. Pentachloroethane	

LDC #: _ 61609M

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: ____FT_____

METHOD: GC/MS BNA (EPA SW 846 Method 8270 C)
Continuing calibration standards were analyzed at the required frequencies.
The retention times for all calibrated compounds were within their respective acceptance windows.
All analytes met the continuing calibration standards validation criteria with the exceptions identified below.

#	Date	Standard ID	Compound	%D (Limit ≤ 20 %)	RRF (Limits)	Associated samples	Qualifications
	8/7/25	ccv-	JJJ	29.5		All	J/UJ/A (ND)
	0116	GCMSCR		↓			
				29.5			

	DOD	NFG	
%D	20%/50%	Method criteria	RRF: 0.05

LDC #: 61609M

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates

Reviewer: EF

METHOD: GC/MS BNA (EPA SW 846 Method 8270 E)
Matrix spike (MS) and matrix spike duplicate (MSD) sample analysis was performed on an associated project sample.
Percent recoveries (%R) and %RPD were within QC limits with the exceptions identified below.

MS/MSD ID	Analyte	MS %R	MSD %R	%R Limits	RPD	RPD Limits	Associated samples	Qualifications
2 & 3	SS				43	40	1	J (all A (ND))

LDC #: 61609M

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: FT

METHOD: GCMS 8270E

The calibration factors (RRFF), average RRFF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

RRF = (Ax)(Cis)/(Ais)(Cx)
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

Where:

Ax = Area of compound
Cx = Concentration of compound
S = Standard deviation of the RRFs
X = Mean of the RRFs
Ais = Area of associated internal standard
Cis = Concentration of internal Standard

#	Standard ID	Calibration Date	Compound	Reported (RRF 0.1ppb std)	Recalculated (RRF 0.1ppb std)	Reported AverageRRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
	ICAL GCMSCR	7/29/2025	SS	0.346	0.346	0.370	0.370	11.99	11.99
			DDD	1.220	1.220	1.380	1.380	14.99	14.99
			GGG	1.541	1.541	1.696	1.696	12.01	12.01

LDC # 61609M

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

Reviewer: FT

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 E)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	CCV	8/7/15 1316	SS	0.370	0.316	0.316	14.6	14.6
			DDD	1.380	1.198	1.198	13.2	13.2
			GGG	1.696	1.655	1.655	2.4	2.4

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

LDC # 61609 M

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: FT

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 E)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: 1

Surrogate	Surrogate Spiked (ug/L)	Surrogate Found (ug/L)	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Nitrobenzene-d5	10,000	7521.52	75	75	0
2-Fluorobiphenyl		6308.68	63	63	
Terphenyl-d14		5403.20	54	54	
Phenol-d5		2975.94	30	30	
2-Fluorophenol		3680.57	37	37	
2,4,6-Tribromophenol		7013.02	70	70	

LDC # 61609 M

VALIDATION FINDINGS WORKSHEET
MS/MSD Results Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 E)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)

%Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked concentration, SA = Spike added, SC = Sample concentration, MS = Matrix spike recovery, MSD = Matrix spike duplicate recovery

RPD = | MS - MSD | * 2/(MS + MSD)

Sample: 2 & 3

Compound	SA (ug/L)		SC (ug/L)	SSC (ug/L)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
~~Phenol~~ TT	4	4	ND	4.67	4.46	117	117	112	112	5	5
N-Nitroso-di-n-propylamine											
4-Chloro-3-methylphenol											
Acenaphthene PDD	0.8	0.8	ND	0.496	0.476	62	62	60	60	4	4
Pentachlorophenol											
~~Pyrene~~											

LDC # 61609M

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS SVOA (EPA SW 846 Method 8270 C)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

SSC = (Area spike) (Conc IS) / (Area IS) (average RRF spike)
%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added
LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS ID: OP65950A LCS

Compound	SA (ug/L)		SSC (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Phenol	NA		NA							
N-Nitroso-di-n-propylamine										
4-Chloro-3-methylphenol										
Acenaphthene										
Pentachlorophenol	4		3.13		78	78				
~~Pyrene~~ DPD	0.8		0.468		59	59				

LDC #: 61609M

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GCMS 8270

Results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Final Conc = $\frac{\text{Conc} * Vp * DF}{VS}$

#1 GGG

Concentration = $\frac{(959)\ (800)\ (1)}{(60949)\ (1.696)(250)}$

= 0.02969 ug/L

Where:
- Ax = Area or height of the peak for the compound to be measured
- DF = Dilution factor
- CF = Calibration factor from continuing calibration curve
- Vs = Volume of sample extracted in milliters (mL)
- Vp = Purge Volume

1/250

Sample #	Analyte	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
#1	GGG	0.02969	0.0297	J

Site:	60 Alexander Street, Yonkers, NY
Laboratory:	SGS North America, Inc., Dayton, NJ
SDG:	JE16259R
Reviewer:	Dailey Sparks and Pei Geng/Laboratory Data Consultants for Laboratory Data Consultants for P.W. Grosser Consulting - Bohemia, NY
Date:	October 15, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
MW005	JE16259-5R	Metals
MW005MS	JE16259-5RMS	Metals
MW005MSD	JE16259-5RMSD	Metals

Associated QC Samples(s):

Field/Trip Blanks:	EQUIPMENT BLANK
Field Duplicate pair:	None Associated

The above-listed soil sample was collected on July 30, 2025 and was analyzed for metals by SW-846 method 6020B. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for ICP-MS Data Validation,* SOP No. HW-3b, ISM02.2, Revision 1 (September 2016) and the USEPA *National Functional Guidelines for Inorganic Superfund Data Review,* EPA 542-R-20-006 (November 2020)

The inorganic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Instrument Calibration
- Blank Analysis Results
- Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Result
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Duplicate Results
- Laboratory Control Sample (LCS) Results
- Serial Dilution Results
- Field Duplicate Results
- Detection Limits Results
- Sample Quantitation Results

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to laboratory quality control outliers.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

Initial and Continuing Calibration

All criteria were met.

ICP Interference Check Sample Analysis

All criteria were met.

Blanks

Contamination was not detected in the method blanks.

No positive results were found in the equipment blank sample EQUIPMENT BLANK for metals analysis.

MS/MSD Results

All criteria were met.

Laboratory Duplicate Results

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

Serial Dilution

Serial dilution was not performed for this SDG.

LCS Results

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Detection Limits Results

No results were reported below the reporting limit (RL) and above the method detection limit (MDL) in the metals analysis.

Due to high target analyte levels or difficult sample matrix, select samples were analyzed at dilutions. The following table lists the sample dilutions which were performed and the results reported. RLs were elevated accordingly.

Sample	Metals Analyses Reported
MW005	2-fold dilution due to sample matrix for all 6020B metals

Sample Quantitation Results

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5R	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
		Percent Solids:	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Antimony	<4.0 U	4.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]
Thallium	<1.0 U	1.0	ug/l	2	09/04/25	09/05/25	NV	SW846 6020B [1]	SW846 3010A [2]

(1) Instrument QC Batch: MA59277
(2) Prep QC Batch: MP56977

PG

OCT 15 2025

RL = Reporting Limit

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609M
SDG #: JE16259R
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1/1
Reviewer: DS
2nd Reviewer:

Method: Antimony, Thallium (EPA 6020B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	ICP/MS Tune	A	
III	Initial Calibration	A	
IV	ICV/Continuing Calibration	A	
V	Laboratory Blanks	A	
VI	Field Blank	ND	EB= EQUIPMENT BLANK
VII	Matrix Spike/Matrix Spike Duplicate	A	
VIII	Laboratory Duplicate	N	
IX	Serial Dilution	A	
X	Laboratory Control Sample	A	LCS
XI	Field Duplicate	N	
XII	Internal Standards (ICP-MS)	A	
XIII	Target Analyte Quantitation	A	MDL < No Sample < RL
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW005 2x all metals (matrix)	JE16259-5R		Water	07/30/2025	Category B
2	MW005MS	JE16259-5RMS	MS	Water	07/30/2025	Category B
3	MW005MSD	JE16259-5RMSD	MSD	Water	07/30/2025	Category B

Notes:

LDC #: 61609M

All elements are applicable to each sample as noted below.

Sample ID	Matrix	Method	Target Analyte List
1	Water	EPA 6020B	Sb, Tl
QC			
2-3	Water	EPA 6020B	Sb, Tl

Comments:

VALIDATION FINDINGS CHECKLIST

Reviewer: DS

LDC #: 61609M	METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)			
Validation Area	**Yes**	**No**	**NA**	**Comments**
I. Technical holding times				
Were all technical holding times met?	YES			
Were all water samples preserved to a pH of <2.	YES			
II. ICP-MS Tune				
Were mass resolutions within 0.1 amu for all isotopes in the tuning solution?	YES			
Were %RSDs of isoptoes in the tuning solution ≤5%?	YES			
III. Calibration				
Were all instruments calibrated daily?	YES			
Were the proper standards used?	YES			
Were all initial and continuing calibration verifications within the 90-110% (80-120% for mercury) QC limits?	YES			
Were the low level standard checks within 70-130%?	YES			
Were all initial calibration correlation coefficients within limits as specifed by the method?	YES			
IV. Interference Check Sample				
Were the interference check samples performed daily?	YES			
Were the AB solution recoveries within 80-120%?	YES			
V. Blanks				
Was a method blank associated with every sample in this SDG?	YES			
Was there contamination in the method blanks?		NO		
Was there contamination in the initial and continuing calibration blanks?		NO		
VI. Field Blanks				
Were field blanks identified in this SDG?	YES			
Were target analytes detected in the field blanks?		NO		
VII. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)	YES			
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?	YES			

IX. Serial Dilution				
Were all percent differences (<10%)	YES			
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.		NO		
X. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	YES			
Were the LCS recoveries and RPDs (if applicable) within QC limits?	YES			
XI. Field Duplicates				
Were field duplicates identifed in this SDG?		No		
Were target analytes detected in the field duplicates?			NA	
VII. Internal Standards				
Were all percent recoveries within the 30-120% (60-125% for EPA Method 200.8) QC limits?	YES			
If the recoveries were outside the limits, was a reanalysis performed?			NA	
XIII. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	YES			
Were all soil samples dry weight corrected?			NA	
XIV. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	YES			

VALIDATION FINDINGS CHECKLIST

Calibration Calculation Verification

Reviewer: DS

LDC #: 61609M

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

An intial calibration verification (ICV), continuing calibration verification (CCV), low level calibration check (LLCC), and interference check sample

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis

True = concentration of each analyte in the source

Standard ID	Type of Analysis	Element	Found (ug/L)	True (ug/L)	Recalculated %R	Reported %R	Acceptable (Y/N)
ICV	ICP	Sb	60.6	60	101	101	Y
CCV	ICP	Tl	47.5	50	95	95	Y
LLCC	ICP	Sb	1.92	2	96	96	Y
ICSAB	ICP	Zn	16	20	80	80	Y
ICV	ICP-MS				NA	NA	NA
CCV	ICP-MS				NA	NA	NA
LLCC	ICP-MS				NA	NA	NA
ICSAB	ICP-MS				NA	NA	NA
ICV	CVAA				NA	NA	NA
CCV	CVAA				NA	NA	NA

ICP-MS Tune	QC Parameter	Mass	Actual	Required
9/5/2025	Mass Axis	24	23.95	± 0.1 amu
↓	%RSD	59	1.687	≤ 5%

VALIDATION FINDINGS WORKSHEET
Quality Control Sample Recalculations

LDC #: 61609M

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Percent recoveries (%R) for the laboratory control sample (LCS), matrix spike (MS), and post digestion spike (PDS) were recalculated using
%R = (Found/True) x 100
Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)
True = concentration of each analyte in the source
The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:
RPD = (Absolute value(S-D)x 200) / (S+D)
S = Original sample concentration
D = Duplicate sample concentration
The serial dilution percent difference (%D) was recalculated using the following formula.
%D = (Absolute value (I - SDR)) x 100 / (I)
I = Initial sample result
SDR = Serial dilution result (with a 5x dilution applied)

Sample ID	Type of Analysis	Element	Found/S/I	True/D/SDR	Recalculated %R/RPD/%D	Reported %R/RPD/%D	Acceptable (Y/N)
MP56977	LCS	Tl	79.5	80	99.4	99.4	Y
2	MS	Sb	83.93	80	104.9	104.9	Y
2,3	Duplicate	Sb	84.5	80.1	5.3	5.3	Y
NA	PDS				NA	NA	NA
1 SD	Serial dilution	Tl	0.402	0.414	3.0	3.1	Y

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: DS

LDC #: 61609M

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Analytes were recalculated and verified using the following equation:
Concentration = (Result from raw data x Final volume x Dilution factor) / (Initial volume)

Sample ID	Analyte	Raw Data (mg/L)	Dilution	Initial Weight/ Volume (mL)	Final Volume (mL)	Reported Result (mg/L)	Recalculated Result (mg/L)	Acceptable (Y/N)
1	Sb	0.57	2	50	50	< 4.0	1.14	Y

Site:	60 Alexander Street, Yonkers, NY
Laboratory:	SGS North America, Inc., Dayton, NJ
SDG:	JE16259T
Reviewer:	Felomina Tanguilig and Pei Geng/Laboratory Data Consultants for P.W. Grosser Consulting - Bohemia, NY
Date:	October 10, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
MW005	JE16259-5T	VOC
MW005MS	JE16259-5TMS	VOC
MW005MSD	JE16259-5TMSD	VOC

Associated QC Samples(s):

Field/Trip Blanks:	TRIP BLANK and EQUIPMENT BLANK
Field Duplicate pair:	None Associated

The above-listed water sample was collected on July 30, 2025 and was analyzed for volatile organic compounds (VOC) by SW-846 method 8260D. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for Validating Volatile Organic Compounds By Gas Chromatography/Mass Spectrometry,* SOP HW-24, Revision 4 (October 2014) and the USEPA *National Functional Guidelines for Organic Superfund Methods Data Review,* EPA 540-R-20-005 (November 2020), modified as necessary to accommodate the non-CLP methodologies used.

The organic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Gas Chromatography/Mass Spectrometry (GC/MS) Tunes
- Initial and Continuing Calibrations
- Blank Analysis Results
- Surrogate Recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Control Sample (LCS) Results
- Internal Standards
- Field Duplicate Results
- Quantitation Limits and Data Assessment
- Sample Quantitation and Target Analyte Identification

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to sample matrix or laboratory quality control outliers with the exceptions listed below.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

GC/MS Tunes

All criteria were met.

Initial and Continuing Calibrations

All criteria were met.

Blanks

Contamination was not detected in the method blanks.

No positive results were found in the trip blank sample TRIP BLANK and the equipment blank sample EQUIPMENT BLANK for VOC analysis.

Surrogate Recoveries

All criteria were met.

MS/MSD Results

All criteria were met.

LCS Results

All criteria were met.

Internal Standards

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Quantitation Limits and Data Assessment

Results were reported which were below the reporting limit (RL) and above the method detection limit (MDL) in the VOC analysis. These results were qualified as estimated (J) by the laboratory.

Sample Quantitation and Target Analyte Identification

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

JN - The analysis indicates the presence of an analyte that has been "tentatively identified" (N) and the associated numerical value represents its approximate (J) concentration.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

SGS North America Inc.

Report of Analysis

Client Sample ID:	MW005		
Lab Sample ID:	JE16259-5T	**Date Sampled:**	07/30/25
Matrix:	AQ - Ground Water	**Date Received:**	07/30/25
Method:	SW846 8260D	**Percent Solids:**	n/a
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2U78752T.D	1	08/04/25 12:14	NW	n/a	n/a	V2U2768
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
107-13-1	Acrylonitrile	ND	10	2.6	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.55	ug/l	
104-51-8	n-Butylbenzene	2.5	2.0	0.52	ug/l	
135-98-8	sec-Butylbenzene	4.0	2.0	0.62	ug/l	
98-06-6	tert-Butylbenzene	0.97	2.0	0.69	ug/l	J
95-49-8	o-Chlorotoluene	ND	2.0	0.63	ug/l	
110-57-6	trans-1,4-Dichloro-2-Butene	ND	5.0	4.2	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.89	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.52	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.42	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.48	ug/l	
103-65-1	n-Propylbenzene	24.8	2.0	0.60	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.60	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	0.70	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		80-120%
17060-07-0	1,2-Dichloroethane-D4	99%		80-120%
2037-26-5	Toluene-D8	101%		80-120%
460-00-4	4-Bromofluorobenzene	99%		82-114%

PG

OCT 15 2025

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609N
SDG #: JE16259T
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 9/17/2025
Page: 1
Reviewer: RJ
2nd Reviewer: [illegible]

Method: Volatiles (EPA 8260D)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Time	A/A	
II	GC/MS Instrument Performance Check	A	
III	Initial Calibration/ ICV	A/A	%D ≤ 20 ICV ≤ 30
IV	Continuing Calibration	A	CCV ≤ 20
V	Laboratory Blanks	A	
VI	Field Blank	ND	EB = EQUIPMENT BLANK
VII	Surrogate Spikes	A	TB = TRIP BLANK
VIII	Matrix Spike/Matrix Spike Duplicate	A	
IX	Laboratory Control Sample	A	LCS
X	Field Duplicate	N	
XI	Internal standards	A	
XII	Target Analyte Quantitation	A	Result < RL > MDL = J(+)
XIII	Target Analyte Identification	A	
XIV	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	MW005	JE16259-5T		Water	07/30/2025	Category B
2	MW005MS	JE16259-5TMS	MS	Water	07/30/2025	Category B
3	MW005MSD	JE16259-5TMSD	MSD	Water	07/30/2025	Category B

Notes:

V242768		

Method: Volatiles (EPA SW 846 Method 8260~~B~~) D

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
II. GC/MS instrument performance check				
Were the BFB performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration & initial calibration verification				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥ 0.990?			✓	
Were all percent relative standard deviations (%RSD) ≤ 15% (20%) 15/30% and relative response factors (RRF) ≥ 0.05?	✓			
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≥ 20% 30%?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	✓			
Were all percent differences (%D) ≤ 20% and relative response factors (RRF) ≥ 0.05?				
V. Laboratory blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks? If yes, please see the Blanks validation findings worksheet.		✓		
VI. Field blanks				
Were field blanks were identified in this SDG?	✓			
Were target analytes detected in the field blanks?		✓		
VII. Surrogate spikes				
Were all surrogate percent recovery (%R) within QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?			✓	
VIII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	✓			

Method: Volatiles (EPA SW 846 Method 8260B)

Validation Area	Yes	No	NA	Findings/Comments
IX. Laboratory control samples				
Was an LCS analyzed per analytical batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
X. Field duplicates				
Were field duplicate pairs identified in this SDG?		✓		
Were target analytes detected in the field duplicates?			✓	
XI. Internal standards				
Were internal standard area counts within -50% to +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XII. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the target analyte?	✓			
Were target analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Target analyte identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did analyte spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
Were manual integrations reviewed and found acceptable?			✓	
Did the laboratory provide before and after integration printouts?			✓	
XIV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

TARGET COMPOUND WORKSHEET

METHOD: VOA

A. Chloromethane	AA. Tetrachloroethene	AAA. 1,3,5-Trimethylbenzene	AAAA. Ethyl tert-butyl ether	A1. 1,3-Butadiene	A2. 1,2,4,5-Tetramethylbenzene
B. Bromomethane	BB. 1,1,2,2-Tetrachloroethane	BBB. 4-Chlorotoluene	BBBB. tert-Amyl methyl ether	B1. Hexane	B2. n-Octane
C. Vinyl chloride	CC. Toluene	CCC. tert-Butylbenzene	CCCC. 1-Chlorohexane	C1. Heptane	C2. n-Propyl alcohol
D. Chloroethane	DD. Chlorobenzene	DDD. 1,2,4-Trimethylbenzene	DDDD. Isopropyl alcohol	D1. Propylene	D2. n-Pentane
E. Methylene chloride	EE. Ethylbenzene	EEE. sec-Butylbenzene	EEEE. Acetonitrile	E1. Freon 11	E2. n-Decane
F. Acetone	FF. Styrene	FFF. 1,3-Dichlorobenzene	FFFF. Acrolein	F1. Freon 12	F2. Chlorodifluoromethane
G. Carbon disulfide	GG. Xylenes, total	GGG. p-Isopropyltoluene	GGGG. Acrylonitrile	G1. Freon 113	G2. cis-Decahydronaphthalene
H. 1,1-Dichloroethene	HH. Vinyl acetate	HHH. 1,4-Dichlorobenzene	HHHH. 1,4-Dioxane	H1. Freon 114	H2. trans-Decahydronaphthalene
I. 1,1-Dichloroethane	II. 2-Chloroethylvinyl ether	III. n-Butylbenzene	IIII. Isobutyl alcohol	I1. 2-Nitropropane	I2. n-Nonane
J. 1,2-Dichloroethene, total	JJ. Dichlorodifluoromethane	JJJ. 1,2-Dichlorobenzene	JJJJ. Methacrylonitrile	J1. Dimethyl disulfide	J2. n-Undecane
K. Chloroform	KK. Trichlorofluoromethane	KKK. 1,2,4-Trichlorobenzene	KKKK. Propionitrile	K1. 2,3-Dimethyl pentane	K2. Chloroprene
L. 1,2-Dichloroethane	LL. Methyl-tert-butyl ether	LLL. Hexachlorobutadiene	LLLL. Ethyl ether	L1. 2,4-Dimethyl pentane	L2. n-Butanol
M. 2-Butanone	MM. 1,2-Dibromo-3-chloropropane	MMM. Naphthalene	MMMM. Benzyl chloride	M1. 3,3-Dimethyl pentane	M2. n-Butyl acetate
N. 1,1,1-Trichloroethane	NN. Methyl ethyl ketone	NNN. 1,2,3-Trichlorobenzene	NNNN. Iodomethane	N1. 2-Methylpentane	N2. Nitrobenzene
O. Carbon tetrachloride	OO. 2,2-Dichloropropane	OOO. 1,3,5-Trichlorobenzene	OOOO. 1,1-Difluoroethane	O1. 3-Methylpentane	O2. Methyl bromide
P. Bromodichloromethane	PP. Bromochloromethane	PPP. trans-1,2-Dichloroethene	PPPP. Tetrahydrofuran	P1. 3-Ethylpentane	P2. Methyl chloride
Q. 1,2-Dichloropropane	QQ. 1,1-Dichloropropene	QQQ. cis-1,2-Dichloroethene	QQQQ. Methyl acetate	Q1. 2,2-Dimethylpentane	Q2. Methyl iodide
R. cis-1,3-Dichloropropene	RR. Dibromomethane	RRR. m,p-Xylene	RRRR. Ethyl acetate	R1. 2,2,3- Trimethylbutane	R2. Methylene bromide
S. Trichloroethene	SS. 1,3-Dichloropropane	SSS. o-Xylene	SSSS. Cyclohexane	S1. 2,2,4-Trimethylpentane	S2. 1-Methylnaphthalene
T. Dibromochloromethane	TT. 1,2-Dibromoethane	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	TTTT. Methylcyclohexane	T1. 2-Methylhexane	T2. 3,3-Dimethyl-1-butanol
U. 1,1,2-Trichloroethane	UU. 1,1,1,2-Tetrachloroethane	UUU. 1,2-Dichlorotetrafluoroethane	UUUU. Allyl chloride	U1. Nonanal	U2. Bromoethane
V. Benzene	VV. Isopropylbenzene	VVV. 4-Ethyltoluene	VVVV. Methyl methacrylate	V1. 2-Methylnaphthalene	V2. Hexachloroethane
W. trans-1,3-Dichloropropene	WW. Bromobenzene	WWW. Ethanol	WWWW. Ethyl methacrylate	W1. Methanol	W2. Isobutanol
X. Bromoform	XX. 1,2,3-Trichloropropane	XXX. Di-isopropyl ether	XXXX. cis-1,4-Dichloro-2-butene	X1. 1,2,3-Trimethylbenzene	X2. Cyclohexanone
Y. 4-Methyl-2-pentanone	YY. n-Propylbenzene	YYY. tert-Butanol	YYYY. trans-1,4-Dichloro-2-butene	Y1. 2-Propanol	Y2.
Z. 2-Hexanone	ZZ. 2-Chlorotoluene	ZZZ. tert-Butyl alcohol	ZZZZ. Pentachloroethane	Z1. p-Diethylbenzene	Z2.

LDC #:61609N

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: ____FT____

METHOD: GCMS 8260D

The calibration factors (RRFF), average RRFF, and relative standard deviation (%RSD) were recalculated for compounds identified below using the following calculations:

RRF = (Ax)(Cis)/(Ais)(Cx)
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

Where:
Ax = Area of compound
Cx = Concentration of compound
S = Standard deviation of the RRFs
X = Mean of the RRFs
Ais = Area of associated internal standard
Cis = Concentration of internal Standard

#	Standard ID	Calibration Date	Compound	Reported (RRF 20 ppb std)	Recalculated (RRF 20 ppb std)	Reported AverageRRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
	ICAL GCMS U	7/17/2025	GGGG	0.097	0.097	0.100	0.100	5.39	5.39
			UU	0.233	0.233	0.227	0.227	9.20	9.20
			III	0.813	0.813	0.785	0.785	6.10	6.10

LDC # 61609 N

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Calculation Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = (Ax)(Cis)/(Ais)(Cx)

Where:
ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
Ax = Area of compound
Cx = Concentration of compound,
Ais = Area of associated internal standard
Cis = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1	ccv	8/4/25 0924	GGGG	0.100	0.096	0.096	4.0	4.0
			UU	0.227	0.204	0.204	10.1	10.1
			III	0.785	0.761	0.761	3.1	3.1

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

#	Standard ID	Calibration Date	Compound (IS)	Average RRF (Initial)	Reported RRF (CCV)	Recalculated RRF (CCV)	Reported % D	Recalculated %D
1								

LDC # 61609 N

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent recoveries (%R) of surrogate compounds were recalculated for the compounds identified below using the following calculation:

Surrogate Found = (Area surr) (Conc IS) / (Area IS) (average RRF surr)
%Recovery: Surrogate Found/Surrogate Spiked * 100

Sample: #1

	Surrogate Spiked (ug/L	Surrogate Found (ug/L	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Dibromofluoromethane	50	53.07	106	106	0
1,2-Dichloroethane-d4	↓	49.33	99	99	↓
Toluene-d8		50.71	101	101	
4-Bromofluorobenzene		49.26	99	99	

LDC # 61609N

VALIDATION FINDINGS WORKSHEET
MS/MSD Results Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent recoveries (%R) and relative percent differences (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

%Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked concentration, SA = Spike added, SC = Sample concentration

RPD = | MS - MSD | * 2/(MS + MSD)

MS = Matrix spike recovery, MSD = Matrix spike duplicate recovery

MS/MSD ID: 2 & 3

Compound	SA (ug/L)		SC (ug/L)	SSC (ug/L)		MS Percent Recovery		MSD Percent Recovery		MS/MSD RPD	
	MS	MSD		MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
~~1,1 Dichloroethene~~ III	50.0	50.0	2.5	57.0	61.3	109	109	118	118	7	7
Trichloroethene DDD	↓	↓	ND	52.2	55.5	104	104	111	111	6	6
Benzene AAA	↓	↓	↓	50.8	54.0	102	102	108	108	6	6
Toluene											
~~Chlorobenzene~~											

LDC # 61609N

VALIDATION FINDINGS WORKSHEET
LCS Results Verification

METHOD: GC/MS VOA (EPA SW 846 Method 8260 D)

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control duplicate were recalculated for the compounds identified below using the following calculation:

%Recovery = 100 * SSC/SA

Where:
SSC = Spiked concentration
SA = Spike added

LCS = Laboratory control spike recovery
LCSD = Laboratory control spike duplicate recovery

RPD = | LCS - LCSD | * 2/(LCS + LCSD)

LCS/LCSD ID: Y2W2768 - LCS

Compound	SA (ug/L)		SSC (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
~~1,1-Dichloroethene~~ II	50	NA	51.6	NA	103	103				
Trichloroethene DDD	↓	↓	49.5	↓	99	99				
Benzene AAA	↓	↓	48.7	↓	97	97	NA			
Toluene										
~~Chlorobenzene~~										

LDC #: 61609N

VALIDATION FINDINGS WORKSHEET
Sample Results Verification

METHOD: GCMS 8260 D

Results for all Level IV samples reported with a positive detect were recalculated and verified using the following equation:

Final Conc = $\frac{\text{Conc} * Vp * DF}{VS}$

#1 III

Concentration = $\frac{(6747)(50.0)}{(174329)(0.785)}$

2.465 ug/L

Where:

Ax = Area or height of the peak for the compound to be measured
DF = Dilution factor
CF = Calibration factor from continuing calibration curve
Vs = Volume of sample extracted in milliters (mL)
Vp = Purge Volume

Sample #	Analyte	Calculated Concentration (ug/L)	Reported Concentration (ug/L)	% Diff
#1	III	2.465	2.5	0

Site:	60 Alexander Street, Yonkers, NY
Laboratory:	SGS North America, Inc., Dayton, NJ
SDG:	JE14764T
Reviewer:	Jonathon Carmichael and Pei Geng/Laboratory Data Consultants for Laboratory Data Consultants for P.W. Grosser Consulting - Bohemia, NY
Date:	October 15, 2025

Samples Reviewed and Evaluation Summary

FIELD ID	LAB ID	FRACTIONS VALIDATED
SB013 13-15	JE14764-6T	Metals

Associated QC Samples(s):

Field/Trip Blanks: None Associated
Field Duplicate pair: None Associated

The above-listed soil sample was collected on July 8, 2025 and was analyzed for toxicity characteristic leaching procedure (TCLP) metals by SW-846 methods 6010D and 7470A. The data validation was performed in accordance with the USEPA Region 2 *Standard Operating Procedure for ICP-AES Data Validation,* SOP No. HW-3a, ISM02.2, Revision 1 (September 2016), USEPA Region 2 *Standard Operating Procedure for Mercury and Cyanide Data Validation,* SOP No. HW-3c, ISM02.2, Revision 1 (September 2016), and the USEPA *National Functional Guidelines for Inorganic Superfund Data Review,* EPA 542-R-20-006 (November 2020)

The inorganic data were evaluated based on the following parameters:

- Overall Evaluation of Data and Potential Usability Issues
- Data Completeness
- Holding Times and Sample Preservation
- Instrument Calibration
- Blank Analysis Results
- Inductively Coupled Plasma (ICP) Interference Check Sample (ICS) Result
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) Results
- Laboratory Duplicate Results
- Laboratory Control Sample (LCS) Results
- Serial Dilution Results
- Field Duplicate Results
- Detection Limits Results
- Sample Quantitation Results

Overall Evaluation of Data and Potential Usability Issues

All results are usable as reported or usable with minor qualification due to laboratory quality control outliers.

The validation findings were based on the following information.

Data Completeness

The data package was complete as defined under the requirements for the NYSDEC ASP category B laboratory deliverables.

Holding Times and Sample Preservation

All criteria were met.

Initial and Continuing Calibration

All criteria were met.

ICP Interference Check Sample Analysis

All criteria were met.

Blanks

Contamination was not detected in the method blanks.

A field blank was not associated with this sample set. Validation action was not required on this basis.

MS/MSD Results

The laboratory has indicated that there were no matrix spike (MS) and matrix spike duplicate (MSD) analyses specified for the samples in this SDG, and therefore matrix spike and matrix spike duplicate analyses were not performed for this SDG.

Laboratory Duplicate Results

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

Serial Dilution

Serial dilution was not performed for this SDG.

LCS Results

All criteria were met.

Field Duplicate Results

No field duplicates were identified in this SDG.

Detection Limits Results

No results were reported below the reporting limit (RL) and above the method detection limit (MDL) in the metals analysis.

Due to high target analyte levels or difficult sample matrix, select samples were analyzed at dilutions. The following table lists the sample dilutions which were performed and the results reported. RLs were elevated accordingly.

Sample	Metals Analyses Reported
SB013 13-15	5-fold dilution due to sample matrix for mercury

Sample Quantitation Results

Calculations were spot-checked; no discrepancies were noted.

DATA VALIDATION QUALIFIERS

U - The analyte was analyzed for, but due to blank contamination was flagged as nondetect (U). The result is usable as a nondetect.

J - Data are flagged (J) when a QC analysis fails outside the primary acceptance limits. The qualified "J" data are not excluded from further review or consideration. However, only one flag (J) is applied to a sample result, even though several associated QC analyses may fail. The 'J' data may be biased high or low or the direction of the bias may be indeterminable.

UJ - The analyte was not detected above the reported sample quantitation limit. Data are flagged (UJ) when a QC analysis fails outside the primary acceptance limits. The qualified "UJ" data are not excluded from further review or consideration. However, only one flag is applied to a sample result, even though several associated QC analyses may fail. The 'UJ' data may be biased low.

R - Data rejected (R) on the basis of an unacceptable QC analysis should be excluded from further review or consideration. Data are rejected when associated QC analysis results exceed the expanded control limits of the QC criteria. The rejected data are known to contain significant errors based on documented information. The data user must not use the rejected data to make environmental decisions. The presence or absence of the analyte cannot be verified.

SGS North America Inc.

Report of Analysis

Client Sample ID:	SB013 13-15		
Lab Sample ID:	JE14764-6T	**Date Sampled:**	07/08/25
Matrix:	SO - Soil	**Date Received:**	07/08/25
		Percent Solids:	83.4
Project:	ALE2501 - 60 Alexander Street, Yonkers, NY		

Metals Analysis, TCLP Leachate SW846 1311

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 0.50	D004	5.0	0.50	mg/l	5	07/31/25	08/01/25	MM	SW846 6010D [2]	SW846 3010A [3]
Barium	< 1.0	D005	100	1.0	mg/l	5	07/31/25	08/01/25	MM	SW846 6010D [2]	SW846 3010A [3]
Cadmium	< 0.020	D006	1.0	0.020	mg/l	5	07/31/25	08/01/25	MM	SW846 6010D [2]	SW846 3010A [3]
Chromium	< 0.050	D007	5.0	0.050	mg/l	5	07/31/25	08/01/25	MM	SW846 6010D [2]	SW846 3010A [3]
Lead	< 0.50	D008	5.0	0.50	mg/l	5	07/31/25	08/01/25	MM	SW846 6010D [2]	SW846 3010A [3]
Mercury	< 0.00020	D009	0.20	0.00020	mg/l	1	07/31/25	07/31/25	CM	SW846 7470A [1]	SW846 7470A [4]
Selenium	< 0.50	D010	1.0	0.50	mg/l	5	07/31/25	08/01/25	MM	SW846 6010D [2]	SW846 3010A [3]
Silver	< 0.050	D011	5.0	0.050	mg/l	5	07/31/25	08/01/25	MM	SW846 6010D [2]	SW846 3010A [3]

(1) Instrument QC Batch: MA59053
(2) Instrument QC Batch: MA59069
(3) Prep QC Batch: MP56252
(4) Prep QC Batch: MP56260

PG

OCT 15 2025

RL = Reporting Limit
MCL = Maximum Contamination Level (40 CFR 261 7/1/11)

VALIDATION COMPLETENESS WORKSHEET

LDC #: 61609O
SDG #: JE14764T
Laboratory: SGS North America, Inc., Dayton, NJ

Date: 10/7/2025
Page: 1/1
Reviewer: JC
2nd Reviewer:

Method: TCLP Metals (EPA 6010D); TCLP Mercury (EPA 7470A)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I	Sample Receipt/Technical Holding Times	A/A	
II	Initial Calibration	A	
III	ICV/Continuing Calibration	A	
IV	ICP Interference Check Sample (ICS) Analysis	A	
V	Laboratory Blanks	A	
VI	Field Blanks	N	
VII	Matrix Spike/Matrix Spike Duplicate	N	
VIII	Laboratory Duplicate	N	
IX	Serial Dilution	N	
X	Laboratory Control Sample	A	LCS
XI	Field Duplicate	N	
XII	Target Analyte Quantitation	A	MDL< No Sample < RL
XIII	Overall Assessment of Data	A	

Note: A = Acceptable; ND = Not detected; FT = Field triplicate; AB= Ambient blank; R = Rinsate
N = Not provided/applicable; NQ = Not qualified; TB = Trip blank; SB = Source blank
SW = See worksheet; FD = Field duplicate; FB = Field blank; EB = Equipment blank

	Client ID	Lab ID	QC Type	Matrix	Date	Stage
1	SB013 13-15 5x all Metals, except Hg (matrix)	JE14764-6T		Soil	07/08/2025	Category B

Notes:

LDC #: 61609O

All elements are applicable to each sample as noted below.

Sample ID	Matrix	Method	Target Analyte List
1	Soil	TCLP Metals (EPA 6010D)	As, Ba, Cd, Cr, Pb, Se, Ag
↓	↓	TCLP Mercury (EPA 7470A)	Hg

Comments:

LDC #: 61609O	METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)			
Validation Area	**Yes**	**No**	**NA**	**Findings/Comments**
I. Technical holding times				
Were all technical holding times met?	YES			
Were all water samples preserved to a pH of <2.			NA	
II. ICP-MS Tune				
Were mass resolutions within 0.1 amu for all isotopes in the tuning solution?			NA	
Were %RSDs of isoptoes in the tuning solution ≤5%?			NA	
III./IV. Calibration				
Were all instruments calibrated daily?	YES			
Were the proper standards used?	YES			
Were all initial and continuing calibration verifications within the 90-110% (80-120% for mercury) QC limits?	YES			
Were the low level standard checks within 70-130%?	YES			
Were all initial calibration correlation coefficients within limits as specifed by the method?	YES			
V. Interference Check Sample				
Were the interference check samples performed daily?	YES			
Were the AB solution recoveries within 80-120%?	YES			
VI. Blanks				
Was a method blank associated with every sample in this SDG?	YES			
Was there contamination in the method blanks?		NO		
Was there contamination in the initial and continuing calibration blanks?		NO		
VII. Field Blanks				
Were field blanks identified in this SDG?		NO		
Were target analytes detected in the field blanks?			NA	
VIII./IX. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)			NA	
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?			NA	
X. Serial Dilution				
Were all percent differences <10%?			NA	
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.			NA	

LDC #: 61609O	METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)			
Validation Area	**Yes**	**No**	**NA**	**Findings/Comments**
XI. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	YES			
Were the LCS recoveries and RPDs (if applicable) within QC limits?	YES			
XII. Field Duplicates				
Were field duplicates identifed in this SDG?		NO		
Were target analytes detected in the field duplicates?			NA	
XIII. Internal Standards				
Were all percent recoveries within the 30-120% (60-120% for EPA Method 200.8) QC limits?			NA	
If the recoveries were outside the limits, was a reanalysis performed?			NA	
XIV. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	YES			
Were all soil samples dry weight corrected?	YES			
XV. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	YES			

VALIDATION FINDINGS CHECKLIST

Calibration Calculation Verification

Reviewer: JC

LDC #: 61609O

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

An intial calibration verification (ICV), continuing calibration verification (CCV), low level calibration check (LLCC), and interference check sample

%R = (Found/True) x 100 Found = concentration of each analyte measured in the analysis

True = concentration of each analyte in the source

Standard ID	Type of Analysis	Element	Found (ug/L)	True (ug/L)	Recalculated %R	Reported %R	Acceptable (Y/N)
ICV	ICP	Cr	2020	2000	101	101	Y
CCV	ICP	Ba	1980	2000	99	99	Y
LLCC	ICP	As	2.8	3	93.3	93.3	Y
ICSAB	ICP	Fe	180000	200000	90	90	Y
ICV	ICP-MS			NA	NA		NA
CCV	ICP-MS			NA	NA		NA
LLCC	ICP-MS			NA	NA		NA
ICSAB	ICP-MS			NA	NA		NA
ICV	CVAA	Hg	3.17	3	105.7	105.7	Y
CCV	CVAA	Hg	2.33	2.5	93.2	93.2	Y

ICP-MS Tune	QC Parameter	Mass	Actual	Required
NA	Mass Axis			± 0.1 amu
NA	%RSD			≤ 5%

VALIDATION FINDINGS WORKSHEET
Quality Control Sample Recalculations

LDC #: 61609O

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Percent recoveries (%R) for the laboratory control sample (LCS), matrix spike (MS), and post digestion spike (PDS) were recalculated using
%R = (Found/True) x 100
Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)
True = concentration of each analyte in the source
The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:
RPD = (Absolute value(S-D)x 200) / (S+D)
S = Original sample concentration
D = Duplicate sample concentration
The serial dilution percent difference (%D) was recalculated using the following formula.
%D = (Absolute value (I - SDR)) x 100 / (I)
I = Initial sample result
SDR = Serial dilution result (with a 5x dilution applied)

Sample ID	Type of Analysis	Element	Found/S/I	True/D/SDR	Recalculated %R/RPD/%D	Reported %R/RPD/%D	Acceptable (Y/N)
MP56260	LCS	Hg	0.0021	0.002	105	105	Y
NA	MS				#DIV/0!		---
NA	Duplicate				#DIV/0!		---
NA	PDS				#DIV/0!		---
NA	Serial dilution				#DIV/0!		---

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: JC

LDC #: 61609O

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Analytes were recalculated and verified using the following equation:
Concentration = (Result from raw data x Final volume x Dilution factor) / (Initial volume)

Sample ID	Analyte	Raw Data (mg/L)	Dilution	Initial Weight/ Volume (mL)	Final Volume (mL)	Reported Result (mg/L)	Recalculated Result (mg/L)	Acceptable (Y/N)
1	Ag	0.0024	5	50	50	<0.050	0.012	Y

APPENDIX I

Appendix 3C Fish and Wildlife Resources Impact Analysis Decision Key	If YES Go to:	If NO Go to:
1. Is the site or area of concern a discharge or spill event?	13	2
2. Is the site or area of concern a point source of contamination to the groundwater which will be prevented from discharging to surface water? Soil contamination is not widespread, or if widespread, is confined under buildings and paved areas.	13	3
3. Is the site and all adjacent property a developed area with buildings, paved surfaces and little or no vegetation?	4	9
4. Does the site contain habitat of an endangered, threatened or special concern species?	Section 3.10.1	5
5. Has the contamination gone off-site?	6	14
6. Is there any discharge or erosion of contamination to surface water or the potential for discharge or erosion of contamination?	7	14
7. Are the site contaminants PCBs, pesticides or other persistent, bioaccumulable substances?	Section 3.10.1	8
8. Does contamination exist at concentrations that could exceed ecological impact SCGs or be toxic to aquatic life if discharged to surface water?	Section 3.10.1	14
9. Does the site or any adjacent or downgradient property contain any of the following resources? i. Any endangered, threatened or special concern species or rare plants or their habitat ii. Any DEC designated significant habitats or rare NYS Ecological Communities iii. Tidal or freshwater wetlands iv. Stream, creek or river v. Pond, lake, lagoon vi. Drainage ditch or channel vii. Other surface water feature viii. Other marine or freshwater habitat ix. Forest x. Grassland or grassy field xi. Parkland or woodland xii. Shrubby area xiii. Urban wildlife habitat xiv. Other terrestrial habitat	11	10
10. Is the lack of resources due to the contamination?	3.10.1	14
11. Is the contamination a localized source which has not migrated and will not migrate from the source to impact any on-site or off-site resources?	14	12
12. Does the site have widespread surface soil contamination that is not confined under and around buildings or paved areas?	Section 3.10.1	12
13. Does the contamination at the site or area of concern have the potential to migrate to, erode into or otherwise impact any on-site or off-site habitat of endangered, threatened or special concern species or other fish and wildlife resource? (See #9 for list of potential resources. Contact DEC for information regarding endangered species.)	Section 3.10.1	14
14. No Fish and Wildlife Resources Impact Analysis needed.		

APPENDIX J

Spreadsheets for Environmental Footprint Analysis (SEFA) Version 3.0, November 2019
60 Alexander Street, Yonkers, NY - Remedial Investigation

Input Summary

Remedy Component Number →		1	2	3	4	5	6									Remedy Component Subtotals						
		Column headings in Row 6 must match the name of "Input" tabs in this workbook for Columns C - P in this table to be populated ("0" in Row 4 means "Input" tab is turned Off and will not be grouped to a Remedy Component (Columns Q - V) or used in subsequent calculations)																				
Item		Remedial Investigation	Input Template (2)	Input Template (3)	Input Template (4)	Input Template (5)	Input Template (6)	Input Template (7)	Input Template (8)	Input Template (9)	Input Template (10)	Input Template (11)	Input Template (12)	Input Template (13)	Input Template (14)	1	2	3	4	5	6	Total
On-Site																						
On-site Renewable Energy																						
Renewable electricity generated on-site	MWh	0														0	0	0	0	0	0	0
Landfill gas combusted on-site for energy use	ccf CH_4	0														0	0	0	0	0	0	0
On-site biodiesel use	gal	0														0	0	0	0	0	0	0
On-site biodiesel use - Other	gal	0														0	0	0	0	0	0	0
User-defined on-site renewable energy use #1	TBD	0														0	0	0	0	0	0	0
User-defined on-site renewable energy use #2	TBD	0														0	0	0	0	0	0	0
On-Site Conventional Energy																						
Grid electricity	MWh	0														0	0	0	0	0	0	0
On-site diesel use - Other	Gal	0														0	0	0	0	0	0	0
On-site diesel use <75 hp	Gal	1.4678899														1.4678899	0	0	0	0	0	1.4678899
On-site diesel use 75<hp<750	Gal	49.450549														49.450549	0	0	0	0	0	49.450549
On-site diesel use >750 hp	Gal	0														0	0	0	0	0	0	0
On-site gasoline use - Other	Gal	0														0	0	0	0	0	0	0
On-site gasoline use <25 hp	Gal	0														0	0	0	0	0	0	0
On-site gasoline use >25 hp	Gal	0														0	0	0	0	0	0	0
On-site natural gas use	ccf	0														0	0	0	0	0	0	0
On-site compressed natural gas use - Other	ccf	0														0	0	0	0	0	0	0
On-site compressed natural gas use	ccf	0														0	0	0	0	0	0	0
On-site liquified petroleum gas use - Other	gal	0														0	0	0	0	0	0	0
On-site liquified petroleum gas use	gal	0														0	0	0	0	0	0	0
Other forms of on-site conventional energy use #1	TBD	0														0	0	0	0	0	0	0
Other forms of on-site conventional energy use #2	TBD	0														0	0	0	0	0	0	0
Other On-site Emissions																						
On-site HAP process emissions	Lbs	0														0	0	0	0	0	0	0
On-site GHG emissions	Lbs CO2e	0														0	0	0	0	0	0	0
On-site carbon storage	Lbs CO2e	0														0	0	0	0	0	0	0
GHG avoided by flaring on-site landfill methane	ccf CH4	0														0	0	0	0	0	0	0
Other on-site NOx emissions or reductions	Lbs	0														0	0	0	0	0	0	0
Other on-site SOx emissions or reductions	Lbs	0														0	0	0	0	0	0	0
Other on-site PM emissions or reductions	Lbs	0														0	0	0	0	0	0	0
Electricity Generation																						
Grid electricity	MWh	0														0	0	0	0	0	0	0
Voluntary purchase of renewable electricity	MWh	0														0	0	0	0	0	0	0
Voluntary purchase of RECs	MWh	0														0	0	0	0	0	0	0
Transportation																						
Transportation Fuel Use Breakdown																						
Biodiesel use - Personnel Transport	gal	0														0	0	0	0	0	0	0
Biodiesel use - Personnel Transport - User Defined	gal	0														0	0	0	0	0	0	0
Biodiesel use - Equipment Transport	gal	0														0	0	0	0	0	0	0
Biodiesel use - Equipment Transport - User Defined	gal	0														0	0	0	0	0	0	0
Biodiesel use - Material Transport	gal	0														0	0	0	0	0	0	0
Biodiesel use - Material Transport - User Defined	gal	0														0	0	0	0	0	0	0
Biodiesel use - Waste Transport	gal	0														0	0	0	0	0	0	0
Biodiesel use - Waste Transport - User Defined	gal	0														0	0	0	0	0	0	0
Diesel use - Personnel Transport - other vehicles	gal	63.6														63.6	0	0	0	0	0	63.6
Diesel use - Personnel Transport - car	gal	0														0	0	0	0	0	0	0
Diesel use - Personnel Transport - passenger truck	gal	0														0	0	0	0	0	0	0
Diesel use - Personnel Transport - User Defined	gal	0														0	0	0	0	0	0	0
Diesel use - Equipment Transport	gal	64.8														64.8	0	0	0	0	0	64.8
Diesel use - Equipment Transport - User Defined	gal	0														0	0	0	0	0	0	0
Diesel use - Material Transport	gal	0.4														0.4	0	0	0	0	0	0.4
Diesel use - Material Transport - User Defined	gal	0														0	0	0	0	0	0	0
Diesel use - Waste Transport	gal	0														0	0	0	0	0	0	0
Diesel use - Waste Transport - User Defined	gal	0														0	0	0	0	0	0	0
Gasoline use - Personnel Transport - other vehicles	gal	0														0	0	0	0	0	0	0
Gasoline use - Personnel Transport - car	gal	6.8														6.8	0	0	0	0	0	6.8
Gasoline use - Personnel Transport - passenger truck	gal	52.9														52.9	0	0	0	0	0	52.9
Gasoline use - Personnel Transport - User Defined	gal	0														0	0	0	0	0	0	0
Gasoline use - Equipment Transport	gal	0														0	0	0	0	0	0	0
Gasoline use - Equipment Transport - User Defined	gal	0														0	0	0	0	0	0	0
Natural Gas use - Personnel Transport	ccf	0														0	0	0	0	0	0	0
Natural Gas use - Personnel Transport - User Defined	ccf	0														0	0	0	0	0	0	0
Natural Gas use - Equipment Transport	ccf	0														0	0	0	0	0	0	0

Input Summary

Remedy Component Number →		1	2	3	4	5	6									Remedy Component Subtotals						
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Item		Remedial Investigation	Input Template (2)	Input Template (3)	Input Template (4)	Input Template (5)	Input Template (6)	Input Template (7)	Input Template (8)	Input Template (9)	Input Template (10)	Input Template (11)	Input Template (12)	Input Template (13)	Input Template (14)	1	2	3	4	5	6	Total
Conventional Energy																						
Transportation diesel use	gal	128.8														128.8	0	0	0	0	0	128.8
Transportation gasoline use	gal	59.7														59.7	0	0	0	0	0	59.7
Transportation natural gas use	ccf	0														0	0	0	0	0	0	0
User-defined conventional energy transportation #1	TBD	10														10	0	0	0	0	0	10
User-defined conventional energy transportation #2	TBD	0														0	0	0	0	0	0	0
Renewable Energy																						
Transportation biodiesel use	gal	0														0	0	0	0	0	0	0
User-defined renewable energy transportation #1	TBD	0														0	0	0	0	0	0	0
User-defined renewable energy transportation #2	TBD	0														0	0	0	0	0	0	0
Off-Site																						
Construction Materials																						
Aluminum, Rolled Sheet	lb	0														0	0	0	0	0	0	0
Asphalt, mastic	lb	0														0	0	0	0	0	0	0
Asphalt, paving-grade	lb	0														0	0	0	0	0	0	0
Ethanol, Corn, 95%	lb	0														0	0	0	0	0	0	0
Ethanol, Corn, 99.7%	lb	0														0	0	0	0	0	0	0
Ethanol, Petroleum, 99.7%	lb	0														0	0	0	0	0	0	0
Gravel/Sand Mix, 65% Gravel	lb	200														200	0	0	0	0	0	200
Gravel/sand/clay	lb	0														0	0	0	0	0	0	0
HDPE	lb	0														0	0	0	0	0	0	0
Photovoltaic system (installed)	W	0														0	0	0	0	0	0	0
PVC	lb	320														320	0	0	0	0	0	320
Portland cement, US average	lb	0																				
Ready-mixed concrete, 20 MPa	ft3	0														0	0	0	0	0	0	0
Round Gravel	lb	0														0	0	0	0	0	0	0
Sand	lb	0														0	0	0	0	0	0	0
Stainless Steel	lb	0														0	0	0	0	0	0	0
Steel	lb	0														0	0	0	0	0	0	0
Other refined construction materials	lb	0														0	0	0	0	0	0	0
Other unrefined construction materials	lb	0														0	0	0	0	0	0	0
Treatment Materials & Chemicals																						
Cheese Whey	lbs	0														0	0	0	0	0	0	0
Emulsified vegetable oil	lbs	0														0	0	0	0	0	0	0
Granular activated carbon, primary	lbs	0														0	0	0	0	0	0	0
Granular activated carbon, regenerated	lbs	0														0	0	0	0	0	0	0
Hydrogen Peroxide, 50% in H2O	lbs	0														0	0	0	0	0	0	0
Iron (II) Sulfate	lbs	0														0	0	0	0	0	0	0
Lime, Hydrated, Packed	lbs	0														0	0	0	0	0	0	0
Molasses	lbs	0														0	0	0	0	0	0	0
Phosphoric Acid, 70% in H2O	lbs	0														0	0	0	0	0	0	0
Potassium Permanganate	lbs	0														0	0	0	0	0	0	0
Sodium Hydroxide, 50% in H2O	lbs	0														0	0	0	0	0	0	0
Other Treatment Chemicals & Materials	lbs	0														0	0	0	0	0	0	0
Material Type																						
Total Virgin Refined Materials	tons	0.26														0.26	0	0	0	0	0	0.26
Total Recycled Refined Materials	tons	0														0	0	0	0	0	0	0
Total Reused Refined Materials	tons	0														0	0	0	0	0	0	0
Total Refined Material	tons	0.26														0.26	0	0	0	0	0	0.26
Total Virgin Unrefined Materials	tons	0														0	0	0	0	0	0	0
Total Recycled Unrefined Materials	tons	0														0	0	0	0	0	0	0
Total Reused Unrefined Materials	tons	0														0	0	0	0	0	0	0
Total Unrefined Material	tons	0														0	0	0	0	0	0	0
Fuel Processing																						
Biodiesel produced	gal	0														0	0	0	0	0	0	0
Diesel produced	gal	179.71844														179.71844	0	0	0	0	0	179.71844
Gasoline produced	gal	59.7														59.7	0	0	0	0	0	59.7
Compressed natural gas produced	ccf	0														0	0	0	0	0	0	0
Liquified petroleum gas produced	gal	0														0	0	0	0	0	0	0
Natural gas produced	ccf	0														0	0	0	0	0	0	0
Water Use																						
Public Water Supply	gal x 1000	0.1														0.1	0	0	0	0	0	0.1
Extracted Groundwater	gal x 1000	0														0	0	0	0	0	0	0
Surface Water	gal x 1000	0														0	0	0	0	0	0	0
Reclaimed Water	gal x 1000	0														0	0	0	0	0	0	0
Collected/Diverted Storm Water	gal x 1000	0														0	0	0	0	0	0	0
User-defined water resource #1	gal x 1000	0														0	0	0	0	0	0	0
User-defined water resource #2	gal x 1000	0														0	0	0	0	0	0	0

Input Summary

Remedy Component Number →		1	2	3	4	5	6									Remedy Component Subtotals						
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Item		Remedial Investigation	Input Template (2)	Input Template (3)	Input Template (4)	Input Template (5)	Input Template (6)	Input Template (7)	Input Template (8)	Input Template (9)	Input Template (10)	Input Template (11)	Input Template (12)	Input Template (13)	Input Template (14)	1	2	3	4	5	6	Total
Waste/Recycle Handling																						
Hazardous waste incineration	lbs	0														0	0	0	0	0	0	0
Off-site waste water treatment (POTW)	gal x 1000	0														0	0	0	0	0	0	0
Off-site non-hazardous waste landfill	tons	0														0	0	0	0	0	0	0
Off-site hazardous waste landfill	tons	0														0	0	0	0	0	0	0
Recycled/Reused On-Site	tons	0														0	0	0	0	0	0	0
Recycled/Reused Off-Site	tons	0														0	0	0	0	0	0	0
Solid Waste Totals																						
Total Non-Hazardous Waste	tons	0														0	0	0	0	0	0	0
Total Hazardous Waste	tons	0														0	0	0	0	0	0	0
Total Recycled/Reused	tons	0														0	0	0	0	0	0	0
Total Waste (all types)	tons	0														0	0	0	0	0	0	0
Lab Services																						
Off-site Laboratory Analysis - Other	sample	0														0	0	0	0	0	0	0
Off-site Laboratory Analysis - Metals	sample	0														0	0	0	0	0	0	0
Off-site Laboratory Analysis - Mercury	sample	0														0	0	0	0	0	0	0
Off-site Laboratory Analysis - Inorganic Anions	sample	0														0	0	0	0	0	0	0
Off-site Laboratory Analysis - Alkalinity	sample	0														0	0	0	0	0	0	0
Off-site Laboratory Analysis - Perchlorate	sample	0														0	0	0	0	0	0	0
Off-site Laboratory Analysis - Nitrogen/Nitrate	sample	0														0	0	0	0	0	0	0
Off-site Laboratory Analysis - Sulfate	sample	0														0	0	0	0	0	0	0
Off-site Laboratory Analysis - PCBs	sample	0														0	0	0	0	0	0	0
Off-site Laboratory Analysis - VOCs	sample	0														0	0	0	0	0	0	0
Off-site Laboratory Analysis - SVOCs	sample	0														0	0	0	0	0	0	0
Resource Extraction for Electricity																						
Coal extraction and processing	MWh	0														0	0	0	0	0	0	0
Natural gas extraction and processing	MWh	0														0	0	0	0	0	0	0
Nuclear fuel extraction and processing	MWh	0														0	0	0	0	0	0	0
Oil extraction and processing	MWh	0														0	0	0	0	0	0	0
Other fuel extraction and processing	MWh	0														0	0	0	0	0	0	0
Electricity Transmission																						
Transmission and distribution losses	MWh	0														0	0	0	0	0	0	0

Input Summary

Remedy Component Number →		1	2	3	4	5	6									Remedy Component Subtotals						
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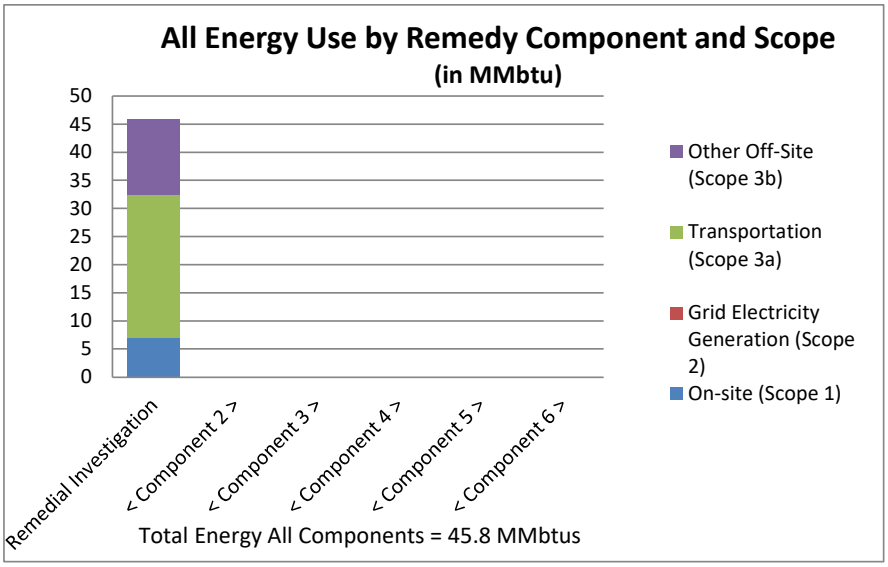
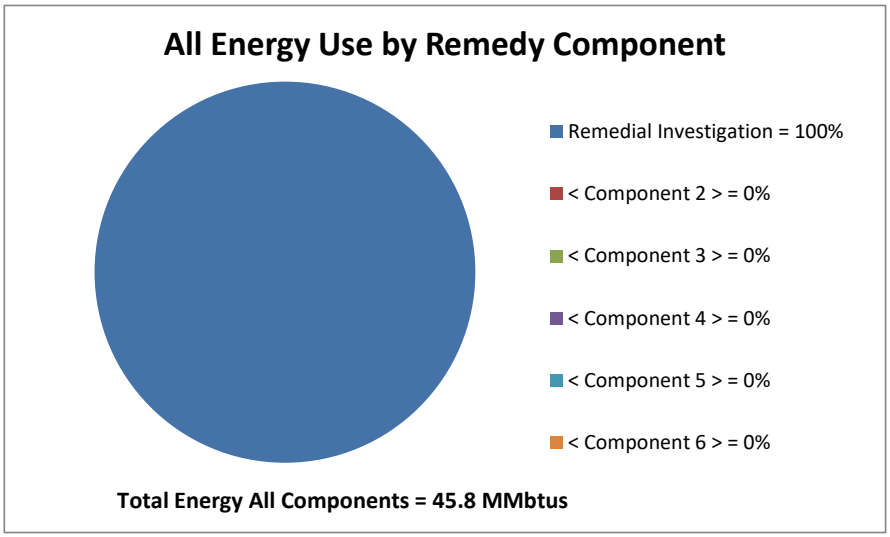
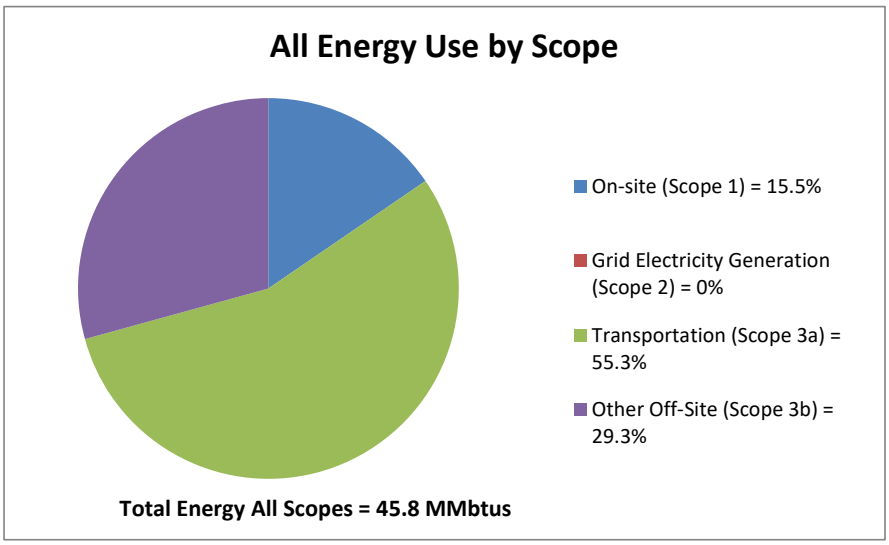
Item		Remedial Investigation	Input Template (2)	Input Template (3)	Input Template (4)	Input Template (5)	Input Template (6)	Input Template (7)	Input Template (8)	Input Template (9)	Input Template (10)	Input Template (11)	Input Template (12)	Input Template (13)	Input Template (14)	1	2	3	4	5	6	Total
Other																						
User-defined material #1	lb	0														0	0	0	0	0	0	0
User-defined material #2	TBD	0														0	0	0	0	0	0	0
User-defined material #3	TBD	0														0	0	0	0	0	0	0
User-defined material #4	TBD	0														0	0	0	0	0	0	0
User-defined material #5	TBD	0														0	0	0	0	0	0	0
User-defined material #6	TBD	0														0	0	0	0	0	0	0
User-defined material #7	TBD	0														0	0	0	0	0	0	0
User-defined material #8	TBD	0														0	0	0	0	0	0	0
User-defined material #9	TBD	0														0	0	0	0	0	0	0
User-defined material #10	TBD	0														0	0	0	0	0	0	0
User-defined material #11	TBD	0														0	0	0	0	0	0	0
User-defined material #12	TBD	0														0	0	0	0	0	0	0
User-defined material #13	TBD	0														0	0	0	0	0	0	0
User-defined material #14	TBD	0														0	0	0	0	0	0	0
User-defined material #15	TBD	0														0	0	0	0	0	0	0
User-defined material #16	TBD	0														0	0	0	0	0	0	0
User-defined material #17	TBD	0														0	0	0	0	0	0	0
User-defined material #18	TBD	0														0	0	0	0	0	0	0
User-defined material #19	TBD	0														0	0	0	0	0	0	0
User-defined material #20	TBD	0														0	0	0	0	0	0	0
User-defined Waste Destinations																						
User-defined recycled/reused on-site #1	TBD	0														0	0	0	0	0	0	0
User-defined recycled/reused on-site #2	TBD	0														0	0	0	0	0	0	0
User-defined recycled/reused on-site #3	TBD	0														0	0	0	0	0	0	0
User-defined recycled/reused off-site #1	TBD	0														0	0	0	0	0	0	0
User-defined recycled/reused off-site #2	TBD	0														0	0	0	0	0	0	0
User-defined recycled/reused off-site #3	TBD	0														0	0	0	0	0	0	0
User-defined non-hazardous waste destination #1	TBD	0														0	0	0	0	0	0	0
User-defined non-hazardous waste destination #2	TBD	0														0	0	0	0	0	0	0
User-defined non-hazardous waste destination #3	TBD	0														0	0	0	0	0	0	0
User-defined hazardous waste destination #1	TBD	0														0	0	0	0	0	0	0
User-defined hazardous waste destination #2	TBD	0														0	0	0	0	0	0	0
User-defined hazardous waste destination #3	TBD	0														0	0	0	0	0	0	0


All Energy Use by Remedy Component and Scope
(in MMbtu)
50
45
40
35
30
25
20
15
10
5
0
Remedial Investigation
< Component 2 >
< Component 3 >
< Component 4 >
< Component 5 >
< Component 6 >
Other Off-Site (Scope 3b)
Transportation (Scope 3a)
Grid Electricity Generation (Scope 2)
On-site (Scope 1)
Total Energy All Components = 45.8 MMbtus


All Energy Use by Remedy Component
Remedial Investigation = 100%
< Component 2 > = 0%
< Component 3 > = 0%
< Component 4 > = 0%
< Component 5 > = 0%
< Component 6 > = 0%
Total Energy All Components = 45.8 MMbtus


All Energy Use by Scope
On-site (Scope 1) = 15.5%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 55.3%
Other Off-Site (Scope 3b) = 29.3%
Total Energy All Scopes = 45.8 MMbtus

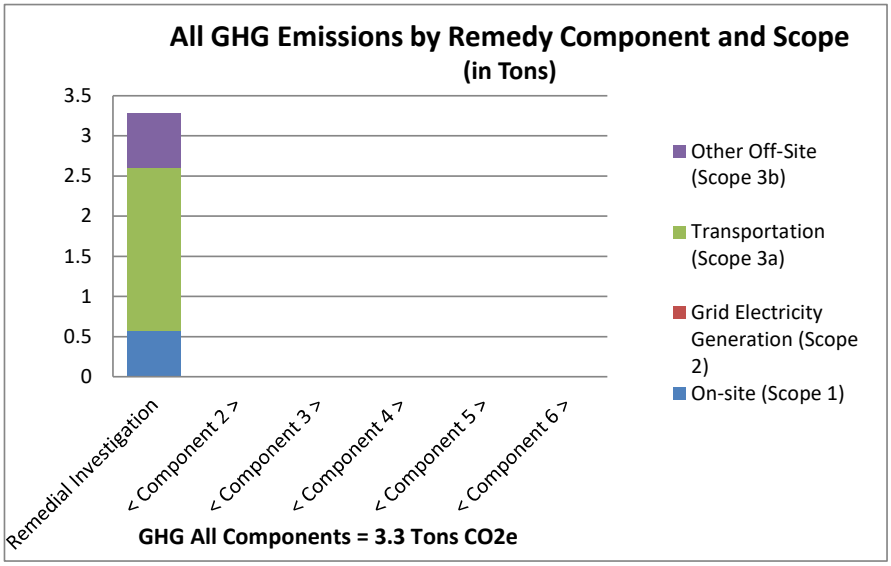
Total Energy
MMbtus

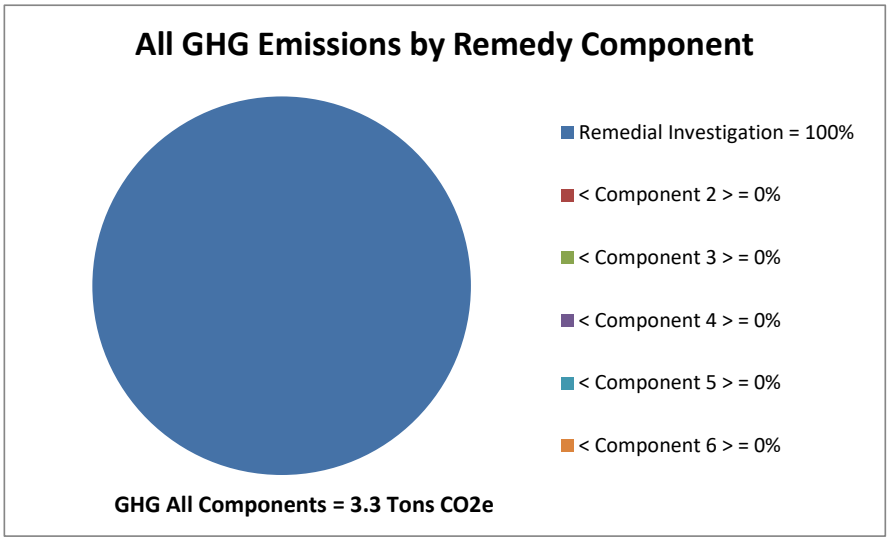
	Remedial I	< Compon	< Compon	< Compon	< Compon	< Compon	Total	
On-site (Scope 1)	7.1	0.0	0.0	0.0	0.0	0.0	7.1	
Generation (Scope 2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d Electricity
nsportation (Scope 3a)	25.3	0.0	0.0	0.0	0.0	0.0	25.3	Trar
ner Off-Site (Scope 3b)	13.4	0.0	0.0	0.0	0.0	0.0	13.4	Oth
Total	45.8	0.0	0.0	0.0	0.0	0.0	45.8	

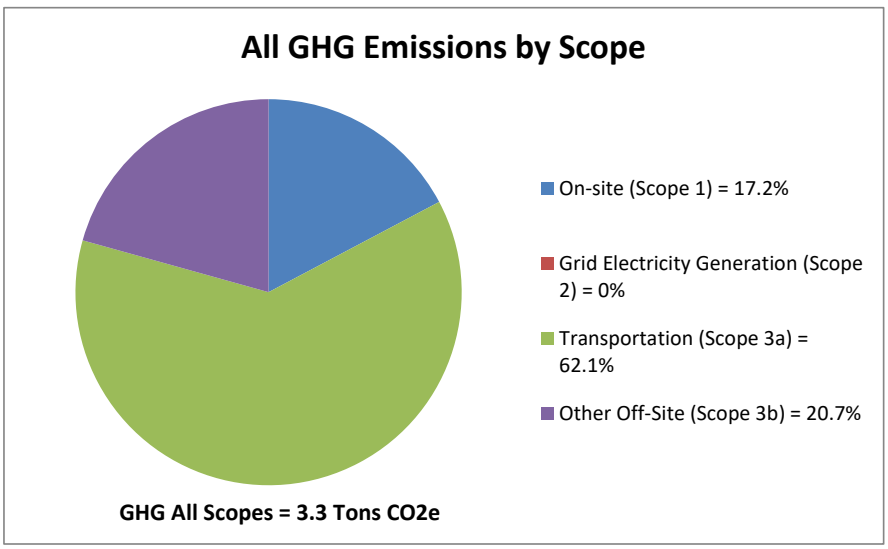
Remedial Investigation = 100%
< Component 2 > = 0%
< Component 3 > = 0%
< Component 4 > = 0%
< Component 5 > = 0%
< Component 6 > = 0%

On-site (Scope 1) = 15.5%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 55.3%
Other Off-Site (Scope 3b) = 29.3%

Total Energy All Components = 45.8 MMbtus
Total Energy All Scopes = 45.8 MMbtus


All GHG Emissions by Remedy Component and Scope
(in Tons)
3.5
3
2.5
2
1.5
1
0.5
0
Remedial Investigation
< Component 2 >
< Component 3 >
< Component 4 >
< Component 5 >
< Component 6 >
Other Off-Site (Scope 3b)
Transportation (Scope 3a)
Grid Electricity Generation (Scope 2)
On-site (Scope 1)
GHG All Components = 3.3 Tons CO2e


All GHG Emissions by Remedy Component
Remedial Investigation = 100%
< Component 2 > = 0%
< Component 3 > = 0%
< Component 4 > = 0%
< Component 5 > = 0%
< Component 6 > = 0%
GHG All Components = 3.3 Tons CO2e

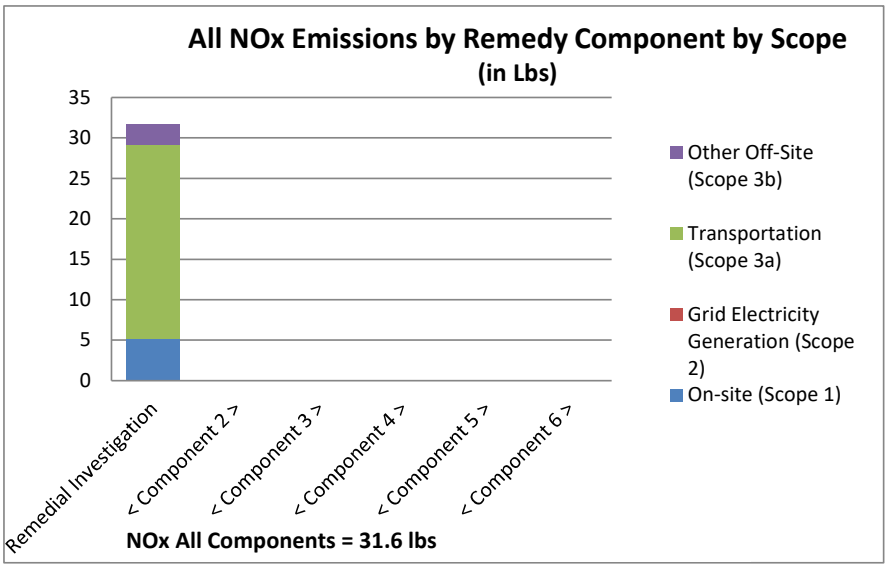

All GHG Emissions by Scope
On-site (Scope 1) = 17.2%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 62.1%
Other Off-Site (Scope 3b) = 20.7%
GHG All Scopes = 3.3 Tons CO2e

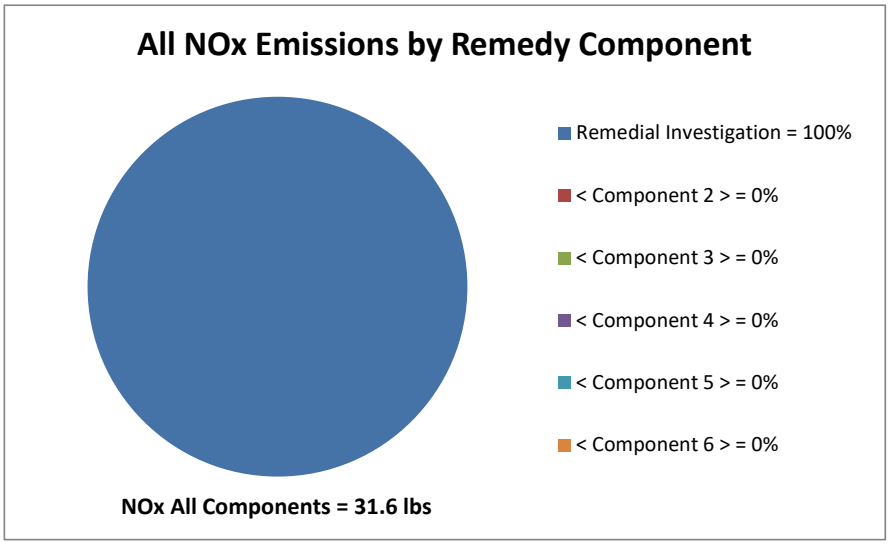
GHG Tons CO2e	Remedial I	< Compon	< Compon	< Compon	< Compon	< Compon	Total	
On-site (Scope 1)	0.6	0.0	0.0	0.0	0.0	0.0	0.6	
Generation (Scope 2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d Electricity
sportation (Scope 3a)	2.0	0.0	0.0	0.0	0.0	0.0	2.0	Trar
er Off-Site (Scope 3b)	0.7	0.0	0.0	0.0	0.0	0.0	0.7	Oth
Total	3.3	0.0	0.0	0.0	0.0	0.0	3.3	

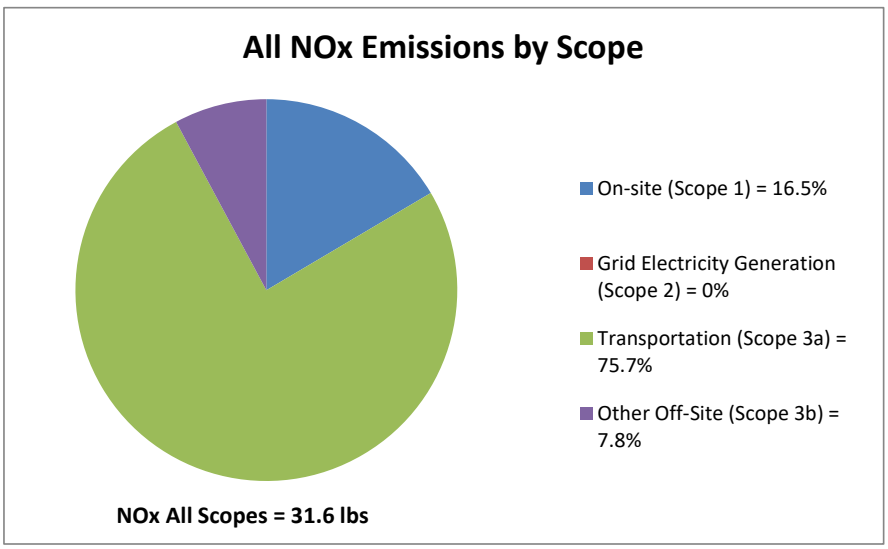
Remedial Investigation = 100%
< Component 2 > = 0%
< Component 3 > = 0%
< Component 4 > = 0%
< Component 5 > = 0%
< Component 6 > = 0%

On-site (Scope 1) = 17.2%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 62.1%
Other Off-Site (Scope 3b) = 20.7%

GHG All Components = 3.3 Tons CO2e
GHG All Scopes = 3.3 Tons CO2e


All NOx Emissions by Remedy Component by Scope
(in Lbs)
35
30
25
20
15
10
5
0
Remedial Investigation
< Component 2 >
< Component 3 >
< Component 4 >
< Component 5 >
< Component 6 >
Other Off-Site (Scope 3b)
Transportation (Scope 3a)
Grid Electricity Generation (Scope 2)
On-site (Scope 1)
NOx All Components = 31.6 lbs


All NOx Emissions by Remedy Component
Remedial Investigation = 100%
< Component 2 > = 0%
< Component 3 > = 0%
< Component 4 > = 0%
< Component 5 > = 0%
< Component 6 > = 0%
NOx All Components = 31.6 lbs

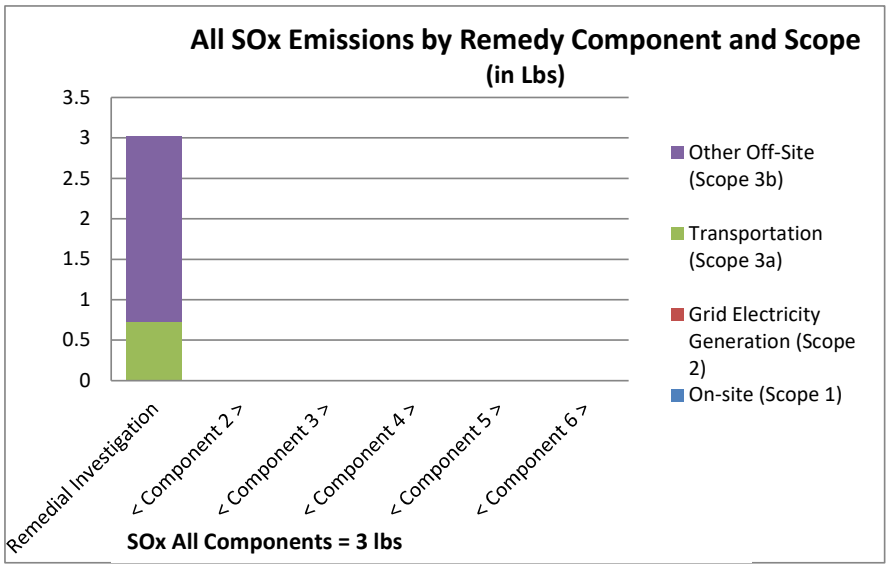

All NOx Emissions by Scope
On-site (Scope 1) = 16.5%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 75.7%
Other Off-Site (Scope 3b) = 7.8%
NOx All Scopes = 31.6 lbs

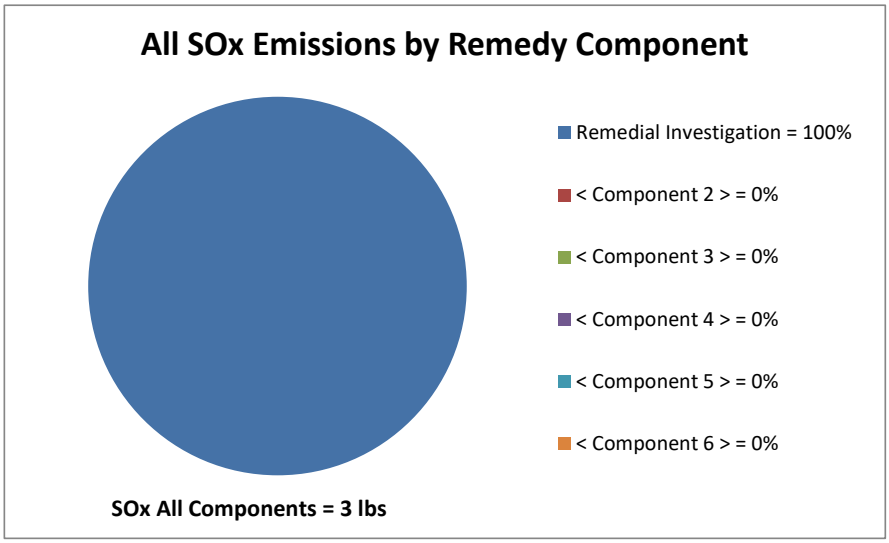
NOx lbs	Remedial I	< Compon	< Compon	< Compon	< Compon	< Compon	Total	
On-site (Scope 1)	5.2	0.0	0.0	0.0	0.0	0.0	5.2	
Generation (Scope 2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d Electricity
nsportation (Scope 3a)	23.9	0.0	0.0	0.0	0.0	0.0	23.9	Trar
ner Off-Site (Scope 3b)	2.5	0.0	0.0	0.0	0.0	0.0	2.5	Oth
Total	31.6	0.0	0.0	0.0	0.0	0.0	31.6	

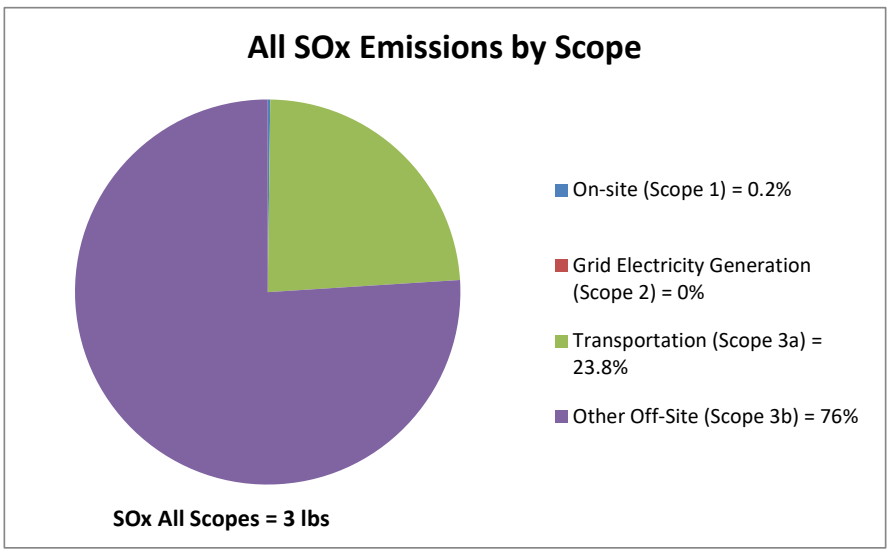
Remedial Investigation = 100%
< Component 2 > = 0%
< Component 3 > = 0%
< Component 4 > = 0%
< Component 5 > = 0%
< Component 6 > = 0%

NOx All Components = 31.6 lbs
NOx All Scopes = 31.6 lbs

On-site (Scope 1) = 16.5%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 75.7%
Other Off-Site (Scope 3b) = 7.8%


All SOx Emissions by Remedy Component and Scope
(in Lbs)
3.5
3
2.5
2
1.5
1
0.5
0
Remedial Investigation
< Component 2 >
< Component 3 >
< Component 4 >
< Component 5 >
< Component 6 >
Other Off-Site (Scope 3b)
Transportation (Scope 3a)
Grid Electricity Generation (Scope 2)
On-site (Scope 1)
SOx All Components = 3 lbs


All SOx Emissions by Remedy Component
Remedial Investigation = 100%
< Component 2 > = 0%
< Component 3 > = 0%
< Component 4 > = 0%
< Component 5 > = 0%
< Component 6 > = 0%
SOx All Components = 3 lbs

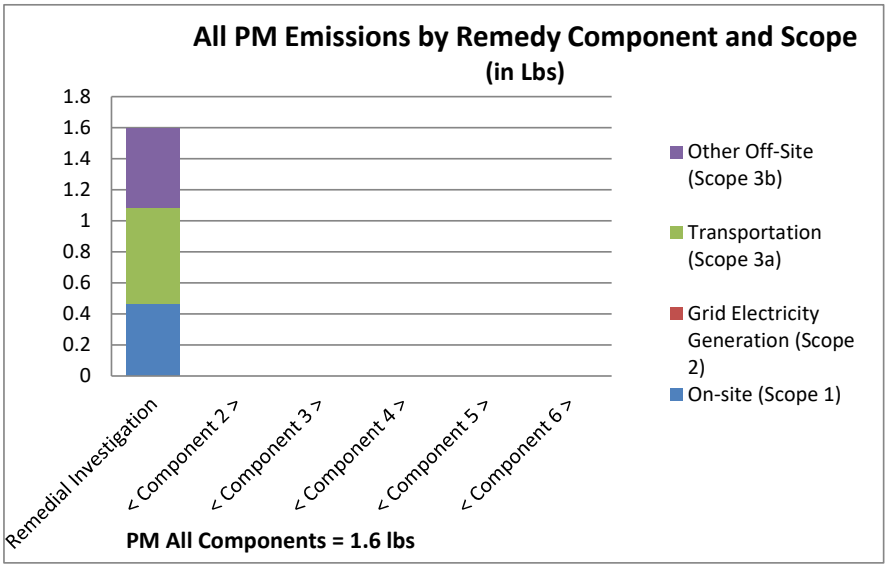

All SOx Emissions by Scope
On-site (Scope 1) = 0.2%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 23.8%
Other Off-Site (Scope 3b) = 76%
SOx All Scopes = 3 lbs

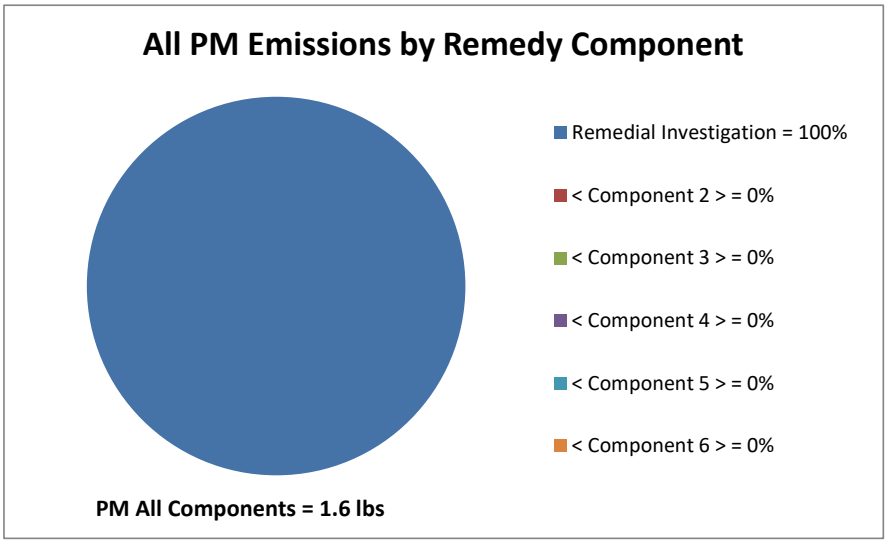
SOx lbs	Remedial I	< Compon	< Compon	< Compon	< Compon	< Compon	Total	
On-site (Scope 1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Generation (Scope 2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d Electricity
nsportation (Scope 3a)	0.7	0.0	0.0	0.0	0.0	0.0	0.7	Trar
ner Off-Site (Scope 3b)	2.3	0.0	0.0	0.0	0.0	0.0	2.3	Oth
Total	3.0	0.0	0.0	0.0	0.0	0.0	3.0	

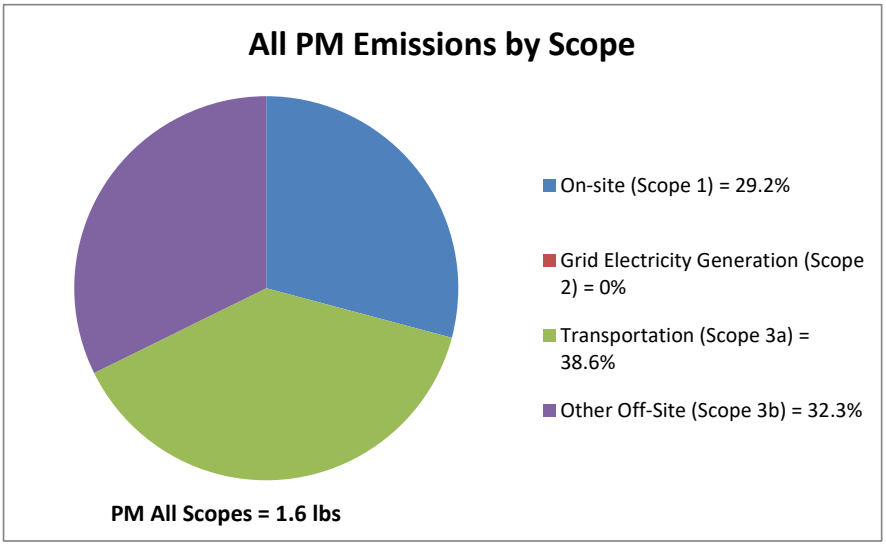
Remedial Investigation = 100%
< Component 2 > = 0%
< Component 3 > = 0%
< Component 4 > = 0%
< Component 5 > = 0%
< Component 6 > = 0%

SOx All Components = 3 lbs
SOx All Scopes = 3 lbs

On-site (Scope 1) = 0.2%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 23.8%
Other Off-Site (Scope 3b) = 76%


All PM Emissions by Remedy Component and Scope
(in Lbs)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Remedial Investigation
< Component 2 >
< Component 3 >
< Component 4 >
< Component 5 >
< Component 6 >
Other Off-Site (Scope 3b)
Transportation (Scope 3a)
Grid Electricity Generation (Scope 2)
On-site (Scope 1)
PM All Components = 1.6 lbs


All PM Emissions by Remedy Component
Remedial Investigation = 100%
< Component 2 > = 0%
< Component 3 > = 0%
< Component 4 > = 0%
< Component 5 > = 0%
< Component 6 > = 0%
PM All Components = 1.6 lbs

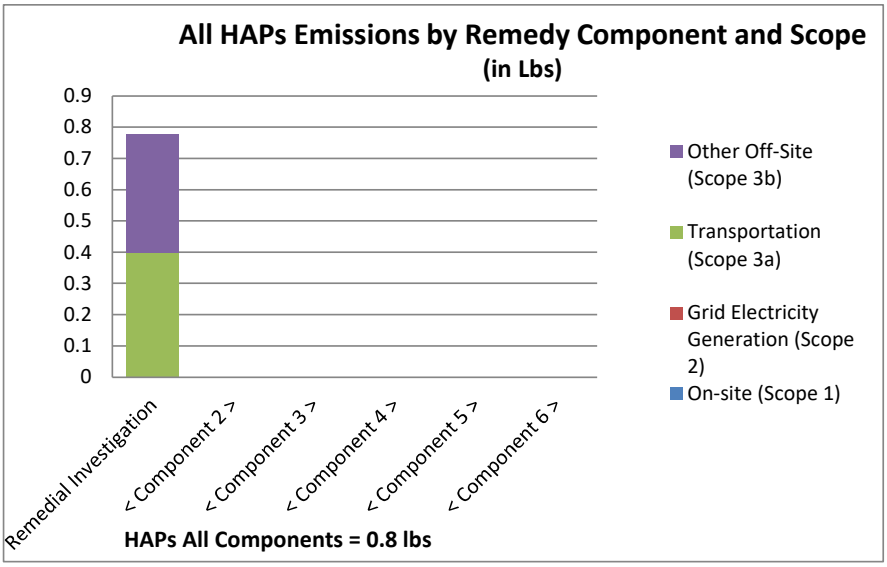

All PM Emissions by Scope
On-site (Scope 1) = 29.2%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 38.6%
Other Off-Site (Scope 3b) = 32.3%
PM All Scopes = 1.6 lbs

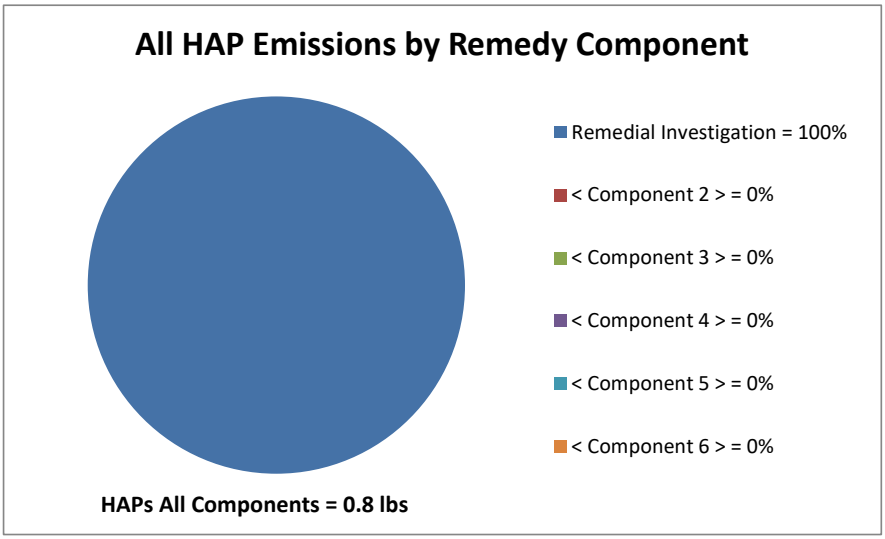
PM lbs	Remedial I	< Compon	< Compon	< Compon	< Compon	< Compon	Total	
On-site (Scope 1)	0.5	0.0	0.0	0.0	0.0	0.0	0.5	
Generation (Scope 2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	d Electricity
nsportation (Scope 3a)	0.6	0.0	0.0	0.0	0.0	0.0	0.6	Trar
ner Off-Site (Scope 3b)	0.5	0.0	0.0	0.0	0.0	0.0	0.5	Oth
Total	1.6	0.0	0.0	0.0	0.0	0.0	1.6	

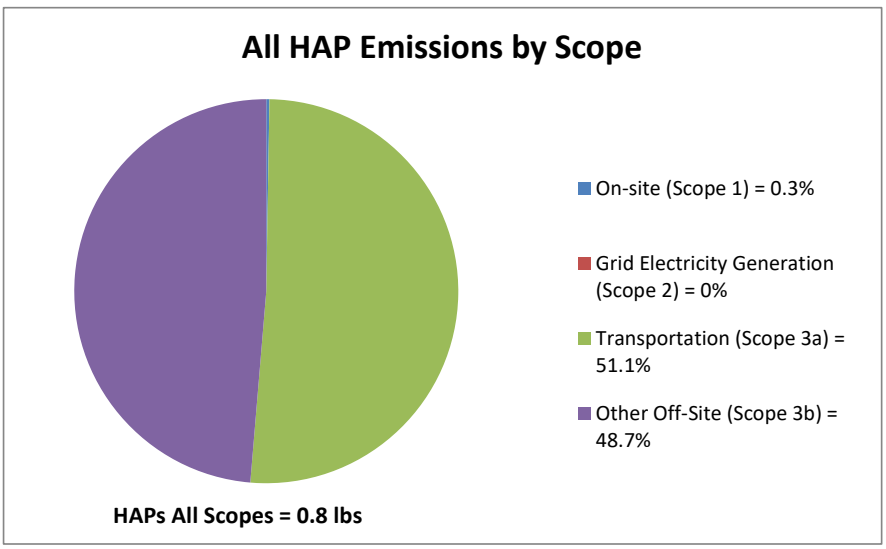
Remedial Investigation = 100%
< Component 2 > = 0%
< Component 3 > = 0%
< Component 4 > = 0%
< Component 5 > = 0%
< Component 6 > = 0%

On-site (Scope 1) = 29.2%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 38.6%
Other Off-Site (Scope 3b) = 32.3%

PM All Components = 1.6 lbs
PM All Scopes = 1.6 lbs


All HAPs Emissions by Remedy Component and Scope
(in Lbs)
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
Remedial Investigation
< Component 2 >
< Component 3 >
< Component 4 >
< Component 5 >
< Component 6 >
Other Off-Site (Scope 3b)
Transportation (Scope 3a)
Grid Electricity Generation (Scope 2)
On-site (Scope 1)
HAPs All Components = 0.8 lbs


All HAP Emissions by Remedy Component
Remedial Investigation = 100%
< Component 2 > = 0%
< Component 3 > = 0%
< Component 4 > = 0%
< Component 5 > = 0%
< Component 6 > = 0%
HAPs All Components = 0.8 lbs


All HAP Emissions by Scope
On-site (Scope 1) = 0.3%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 51.1%
Other Off-Site (Scope 3b) = 48.7%
HAPs All Scopes = 0.8 lbs

HAPs
lbs

	Remedial I	< Compon	< Compon	< Compon	< Compon	< Compon	Total
On-site (Scope 1)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Generation (Scope 2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
nsportation (Scope 3a)	0.4	0.0	0.0	0.0	0.0	0.0	0.4
ner Off-Site (Scope 3b)	0.4	0.0	0.0	0.0	0.0	0.0	0.4
Total	0.8	0.0	0.0	0.0	0.0	0.0	0.8

Remedial Investigation = 100%
< Component 2 > = 0%
< Component 3 > = 0%
< Component 4 > = 0%
< Component 5 > = 0%
< Component 6 > = 0%

HAPs All Components = 0.8 lbs
HAPs All Scopes = 0.8 lbs

On-site (Scope 1) = 0.3%
Grid Electricity Generation (Scope 2) = 0%
Transportation (Scope 3a) = 51.1%
Other Off-Site (Scope 3b) = 48.7%